



Shri Shivaji Education Society Amravati's  
**SHRI SHIVAJI SCIENCE AND ARTS COLLEGE**

**Chikhli, Dist. Buldana- 443201.**

NAAC Reaccredited with 'B++' Grade (CGPA 2.82)

ISO: 9001-2015

**Dr. Omraj S. Deshmukh**  
Principal

**Hon'ble Shri Harshvardhan P. Deshmukh**  
President

**1.1.2 The institution adheres to the academic calendar including for  
the conduct of Continuous Internal Evaluation (CIE)**

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**Internal Assessment Marks Displayed for Students**



  
**Dr. Omraj S. Deshmukh**  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

**Academic Calendar  
2020-21**

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE**  
 CHIKHLI DIST. BULDANA (M.S.)  
**Academic Event Calendar 2020-2021**

Day	Activity/Programme	Department/Committee
<b>AUGUST-2020</b>		
<b>Working Days</b>		
1 st	World Breast Feeding Day	Home Economics Department
	AnnabhauSathe Jayanti	Marathi Department
	Lokmanya Tilak Smruti Din	Jr. College
<b>4 th</b>	<b>First Session (Odd Semester)</b>	<b>All Departments</b>
6th	Hiroshima Day	History Dept. /Jr. College
<b>9 th</b>	<b>Even Semester Examination</b>	<b>Exam Department</b>
9 th	August Kranti Din	N C C /N S S / Jr. College
	Dr. S. R. Ranganathan Jayanti	Library
12th	Dr. VikramSarabhoi Jayanti	Physics Department
15th	Independence Day	N C C / Sports /Jr. College
<b>16 th</b>	<b>Parshi New Year</b>	<b>Holiday</b>
<b>17 th August to 23 November (Teaching Days) First Session</b>		
<b>22 th</b>	<b>Ganesh Chaturthi</b>	<b>Holiday</b>
22 th	Eco-friendly Rakhi Celebration	Botany Department
<b>26 th</b>	<b>Gouri Poojan</b>	<b>Holiday</b>
29th	National Sports Day	Physical Edu. Department
4 th Week	20 days Workshop on Communication Skills in English	English Department
	IQAC Meeting	IQAC Department
<b>30 th</b>	<b>Moharam</b>	<b>Holiday</b>
<b>30 th</b>	<b>Commencement of Next Academic Session</b>	
<b>SEPTEMBER-2020</b>		
<b>Working Days</b>		
<b>1 st</b>	<b>Anant Chaturdashi</b>	<b>Holiday</b>
1 st	Admission Process	Admission Committee
1 st to 7 th	Nutrition week	Home Economics Department
5 th	Teacher's Day	Jr. College (Supervisor)

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

8 th	International Literacy Day	English Department /NSS
16 th	Ozone Day	Zoology Department
17 th	Sarvapitri Amawasayya	Holiday
20th	Dalitmitra Pandharinath Patil Jayanti	Cultural Committee
22th	Blood Donation Day	N S S I N C C I Jr. College
27 th	<b>Odd Semester Starts</b>	<b>All Departments</b>
27 th	Dr. S. R. Ranganathan Death Anniversary	Library I Jr. College
	World Tourism Day	History Department
4 th Week	Induction Program	IQAC Department
<b>OCTOBER-2020</b>		
1st to 7th	Wildlife Conservation week	Zoology Department
2 nd	Dalitmitra Pandharinath Patil Jayanti	Cultural Committee
	Mahatma Gandhi & Lalbahadur Shashtri Jayanti	Cultural Committee
16th	World Food Day	Economics Department
19 th October to 07 th November	Summer Examination 2020	Examination Department
2 nd Week	IQAC Meeting	IQAC Department
20th	National Integration Day	Physical Edu. Department
21th	Alfred Nobel Birth Anniversary	Chemistry Department
25 th	Daserra	Holiday
30th	Id-E-Milad	Holiday
30th	Dr. Homi Bhabha Day	Physics Department
<b>NOVEMBER-2020</b>		
<b>Working Days</b>		
<b>Winter Vacation (Monday 09 November 2020 to Saturday 21 November 2020)</b>		
7th	Anti-Poverty Day	Economics Department
9 th	<b>First Term Vacation</b>	
11th	National Education Day	Zoology Department
14th	Pandit Jawaharlal Nehru Jayanti	English Department
26 th	Indian Constitution Day Oath Taking & Guest Lecture	Political Science Department
27 th to 02 Dec	Induction Program (F. Y.)	All Departments
4 th Week	N C C Day	N C C Department
28th	Mahatma Fule Death Anniversary	History Department
30 th	<b>Gurunanak Jayanti</b>	<b>Holiday</b>
30 th	Dr. J. C. Bose Jayanti	Botany Department

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## Criterion – I- Curricular Aspects [QIM – 1.1.2]

<b>DECEMBER -2020</b>		
<b>Working Days</b>		
1st	World AID's Day	Microbiology Department/N S S / N C C
1 week	Allotment of assignment, Project, Seminar Topic. Group Discussion	All Departments
6th	Dr. Ambedkar Mahaparinirvan Day	Cultural Committee / N S S
10 th	Human Rights Day	Political Science Department
15 to 20 March	Odd Semester University Examinations	Exam Department
15th-21st	Education / Excursion Tours / field studies/Industrial visit	Respective Departments
3 rd Week	Internal Assessment Unit Test	All Departments
20th	Sant Gadge Baba Smruti Din	N S S / Marathi Department
22th	Shrinivas Ramanujan Jayanti	Mathematics Department
24 th	Indian Consumer Day	Commerce Department
25th- 27th	Dr. Panjabrao Deshmukh Jayanti Utsav&	Cultural Committee
25th	Alumni Day, Good Governance Day	Alumni Association
<b>JANUARY -2021</b>		
<b>Working Days</b>		
3 rd	Savitribai Fule Jayanti &Mahila Mukti Din	Marathi Department
1 sd Week	IQAC Meeting	IQAC Department
12th	Youth Day Jijau Maasaheb Jayanti	N S S / N C C / Jr. College
15 th	Army Day	N C C Department
17 th	Odd Semester University Examination Starts	Examination Department
25 th to 30th	Education / Excursion Tours Respectivefield studies/Industrial	Respective Departments
25 th	National Voting Day	Political Science Deptt.
26 th	Republic Day	NSS/NCC/Phy. Edu. Deptt
	Annual Prize Distribution	Prize Distribution Committee
30 th	Hutatma Day	N S S
	Anti Leprosy Day	Microbiology Department
<b>FEBRUARY -2021</b>		
<b>Working Days</b>		
3rd week	Week Farewell Function	Jr./Sr. College Faculty Wise
19th	Chhatrapati Shivaji Maharaj Jayanti	History Department
12 th	Subhash Chandra Bose Jayanti	N S S / N C C / Jr. College
15 th Feb to 20 th March	Odd Semester Examination	Examination Department
23 th	Sant Gadge Baba Death Anniversary	N S S
27th	Marathi Bhasha Divas	Marathi Department
28th	National Science Day	Comp. science Deptt

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## Criterion – I- Curricular Aspects [QIM – 1.1.2]

<b>MARCH-2021</b>		
<b>Working Days</b>		
1st	Attendance Defaulter list	All HOD & Teaching Staff
8 th	International Women's Day	Women Nurtur Cell
11 th	Mahashivratri	Holiday
20 th	World Sparrow Day	Zoology Department
22 th	Second Session (Even Semester)	All Department
22th	World Water Day	Chemistry Department
24th	World Tuberculosis (T. B.) Day	Microbiology Department
29 th	Holi	Holiday
4 th Week	Internal Assessment Unit Test	All Departments
<b>APRIL-2021</b>		
<b>Working Days</b>		
1st	Attendance Defaulter list	All HOD & Teaching Staff
2 nd	Good Friday	Holiday
7th	World Health Day	Physical Edu. Department
10 th	Dr. Panjabrao Deshmukh Jayanti	Cultural Committee
11th	Mahatma Phule Jayanti	Cultural Committee
13 th	Gudhi Padwa	Holiday
14th	Dr. Babasaheb Ambedkar Jayanti	Cultural Committee
22nd	Earth Day	Zoology Department
23rd	World Book Day	Library / Jr. College
25 th	Mahavir Jayanti	Holiday
4 th Week	IQAC Meeting	IQAC Department
<b>MAY-2021</b>		
<b>Working Days</b>		
<b>Summer Vacation (Saturday 01 May 2021 to Monday 31 May 2021)</b>		
1st	Maharashtra Day & Labour Day	Office
1 st	Second Term Vacation	
8th	World Red Cross Day	N S S
22th	International Biodiversity Day	Zoology / Botany Department
<b>JUNE - 2021</b>		
1 th to 30 th	University Even Semester Examination	Examination Department

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 Dr. Vanita U. Pochhi  
 IQAC Coordinator  
 Coordinator  
 IQAC, Shri Shivaji Sci. & Arts  
 College, Chikhli Dist. Buldana



  
 Principal  
 Shri Shivaji Sci. & Arts  
 College Chikhli, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### Department of Botany Academic Calendar 2020-21

Month	Name of the Proposed Activity	Proposed Date	In-Charge Teacher	Collaboration with
June	Plantation in College Campus	1 <sup>st</sup> Week	Dr. Vanita U. Pochhi Prof. Mukund Kolte Prof. Dilip L. Gavande Dr. Ankit Kale	NSS Department
July				
August	First Session (Odd Semester Start)	4 <sup>th</sup> August 2021		
	Eco-friendly Rakhi Celebration	22 <sup>nd</sup> August 2021	Dr. Vanita U. Pochhi Prof. Mukund Kolte Prof. Dilip L. Gavande Dr. Ankit Kale	
September	Admission Process	1 <sup>st</sup> August 2021		
October	Summer Examination 2020 (College level Online)	19 <sup>th</sup> October to 07 <sup>th</sup> November		
November	Induction Program for B.Sc.1 students	27 <sup>th</sup> to 2 <sup>nd</sup> December 2020	Dr. Vanita U. Pochhi Prof. Mukund Kolte Prof. Dilip L. Gavande Dr. Ankit Kale	IQAC
	Dr. J. C. Bose Jayanti	30 <sup>th</sup> November 2020	Dr. Vanita U. Pochhi Prof. Mukund Kolte Prof. Dilip L. Gavande Dr. Ankit Kale	
December	Allotment of assignment, Project, Seminar Topic. Group Discussion	1 <sup>st</sup> Week	Prof. Mukund Kolte Prof. Dilip L. Gavande Dr. Ankit Kale	
	Internal Assessment Unit Test	3 <sup>rd</sup> Week	Prof. Dilip L. Gavande	

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

<b>January</b>				
<b>February</b>	Organization of online Guest lecture on the topic entitled 'Carbon Metabolism in plants'. By Dr. Vivek Narkhedkar	11 <sup>th</sup> February 2021	Dr. Vanita U. Pochhi Prof. Mukund Kolte Prof. Dilip L. Gavande Dr. Ankit Kale	-
	Organisation of online Seminar Competition on the occasion of National Science Day 2021	28 <sup>th</sup> February 2021	Dr. Vanita U. Pochhi Prof. Mukund Kolte Prof. Dilip L. Gavande Dr. Ankit Kale Prof. H. S. Jaiswal, Assistant Professor at J D Patil Sanglulkar College, Daryapur, work as Jury member.	-
<b>March</b>	Organisation of National level Workshop On the occasion of International Womens day on 8 <sup>th</sup> March a National level workshop on Microgreen – A Healthy Nutritious diet	8 <sup>th</sup> March 2021	Dr. Vanita Pochhi Dr. Meena Nikam Dr. Sunita Kalakhe Prof. Mukund Kolte Prof. Dilip L. Gavande Dr. Ankit Kale Dr. Sucheta Khodke, Vinayak college Nandgaon Khandeshwar	-
	Internal Assessment Unit Test	4 <sup>th</sup> Week	Prof. Dilip L. Gavande	
<b>April</b>	Essay Competition on the Occasion of World Earth Day	22 <sup>nd</sup> April 2021	Dr. Vanita U. Pochhi Prof. Mukund Kolte Prof. Dilip L. Gavande Dr. Ankit Kale	-
<b>May</b>	International Biodiversity Day	22 <sup>nd</sup> May 2021		



**Action Taken Report of Academic Calendar of Botany  
Department**

**1. Organization of Guest lecture -**

Online Guest lecture of Dr. Vivek Narkhedkar Assistant professor, MJF, Commerce, Science & Vitthalrao Raut Arts College, Bhatkuli, Amravati (MS) was organised on 11<sup>th</sup> February 2021. This year due to Covid-19 situation the guest lecture was conducted via on-line mode using goole meet. He delivered guest lecture on the topic entitled 'Carbon Metabolism in plants'. Seventy-eight students participated in guest lecture. The lecture was highly informative the lecture was highly informative for the students. Dr. Vanita U. Pochhi Head of the department chaired the session. Dr. Ankit kale gave introductory speech. Prof. Mukund kolte proposed vote of thanks. Prof. Dilip L. Gavande took efforts for technical support.

**2. Organisation of Seminar Competition**

Seminar competition was conducted by Department of Botany on the occasion of National Science Day 2021 dated 28<sup>th</sup> February 2021. This year the theme was Future of STI: Impact on Education, Skills & work. Various topics were given for the seminar to the participants with a proper guideline. This year due to Covid-19 situation the Seminar was conducted via on-line mode, where students had to submit their own recorded video on the given topics. Total 16 participants submitted their video, amongst them top three participants were selected by our Judge Mr. H. S. Jaiswal, Assistant Professor at J D Patil Sanglutkar College, Daryapur MS. These three participants Vaishnavi Dhirbassi (1<sup>st</sup> Prize), Zaid Ahmed (2<sup>nd</sup> Prize) and Madhavi Kurwade (3<sup>rd</sup> Prize) Felicited by giving the Book entitled " Path Finder" the prize and certificates.

**3. Organisation of National level Workshop**

On the occasion of International Women's day on 8<sup>th</sup> March a National level workshop on Micro green – A Healthy Nutritious diet was organised. The programme was chaired by the Principal of the College, Dr. Anil Garode in his presidential address he focused on the importance of Micro green as a balanced diet rather than taking medicine after illness. Dr. Sucheta Khodke, Vinayak College Nandgaon Khandeshwar as a Guest Speaker for this Workshop .She gives Valuable information about the micro greens which can easily grow in our home. She also told how micro greens can grow, on which stage it is useful and nutritious diet. Dr. Meena Nikam gave introductory speech. Dr. Vanita Pochhi introduces the Chief Guest. Dr.


Ankit Kale anchored the programme and Dr. Sunita Kalakhe Proposed Vote of thanks. 244 participants took part in this Virtual Workshop. Prof. Mukund Kolte and Prof. Dilip Gavande worked as Technical Support

#### 4. Essay Competition on the Occasion of World Earth Day

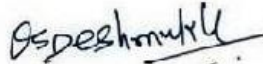
Earth is the only planet in our solar system known to support life. This is because Earth's atmosphere has 78 % nitrogen, 21 % oxygen and 1% other ingredients the perfect balance to breathe and live. However, nowadays, due to a lot of technological development, the environment in which we are living is becoming increasingly contaminated. Therefore to highlight environmental issues like loss of biodiversity, increasing pollution etc. our department organises Essay Competition. The topic given for Essay competition is Water pollution, Air Pollution, Water harvesting, plant conservation need of the day. In this competition 48 Students from various district submitted their essay on given link. Dr. S.I. Jukkalkar, Dr. G.G. Malte, and Prof. Yogini Suradkar worked as examiner for this essay competition. In this competition Ku Arti Mitkari, B. Ed. I st year Bhusaheb Patil college Beed got First prize, Mr. Randhvir Salwe 11<sup>th</sup> science Shri. Shivaji science and Arts College Chikhli got 2<sup>nd</sup> Prize, Ku. Achal Bansle, Mahatma fule mahavidyalaya Warud Secured third position. Dr. Vanita U. Pochhi HOD of the Department worked as Convenor and Prof. M.D. Kolte, Prof. D. L. Gavande as an Organising Secretary.

#### 5. Departmental Submissions of Internal Assessment:

All submissions of Internal Assessment of All the Semesters collected successfully.

  
**HEAD.**  
Department of Botany  
Shri Shivaji Science & Arts Colleg.  
**CHIKHLI, Dist. Buldana**



  
Dr. Omraj S. Deshmukh  
**Principal**  
Shri Shivaji Sci. & Arts  
College. Chikhli, Dist. Buldana


## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### Department of Chemistry

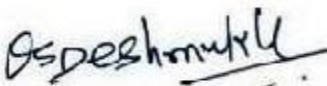
#### Academic Calendar 2020-21

Month	Name of the Proposed Activity	Proposed date	Incharge Teacher
June	Admission Process		
July	Admission Process Planning of Online teaching Plan		
August	Conduction of Online National level Webinar on Recent Advances in Nanotechnology	8 August 2020	Prof. S.L. Kumbhare, Coordinaor Dr. S.R. Patil, Organizing Secretary
September	Start of Online Classes of Odd Semester of B.Sc. I,II, III		
October	Induction Program	2 Oct. Second Week	Prof. S.L. Kumbhare,
November	Online Unit Test and Conduction of Students Seminar of B.Sc.-II & III		Prof.S.L. Kumbhare Dr. G.D. Thorat, Prof. T.S. Shrirame
December	Online Unit Test and Conduction of Assignments of B.Sc.-I Sem.-I		Dr. S.R. Patil, Prof. S.V. Dautpure, Prof. S.S. Kale
January	University Examination		
February	Guest Lecture on Photochemistry and Stereochemistry	5/2/21	Prof.S.L. Kumbhare, Prof. S.S. Kale
March	Online Teaching of Even Semester of B.Sc.-I,II,III		
April	Online Practical Examination Of B.Sc.- I,II, III	15, 16, 17 Apr. 2021	Prof. S.L. Kumbhare, Dr. G.D. Thorat, Prof. T.S. Shrirame
May			

Action Taken Report - All the proposed activity were conducted as per above Academic Calendar of Department. All staff members are actively participated in Departmental activity and completed the work of Teaching, Evaluation, Internal Assessment, Conduction of online theory exam, practical exam as per schedule in Above Academic Calendar.

  
 Head  
 Deptt. of Chemistry  
 Shri Shivaji Sci. & Arts College  
 Chikhli, Dist. Buldana (M.S.)



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

**Shri Shivaji Science And Arts College Chikhli Dist.Buldana**  
**Department of Computer Science**  
**Academic Calendar 2020-21**

Month	Name of the Proposed Activity	Proposed Date	In-Charge Teacher	Collabration With
July	Workshop/ Webinar on "Cyber Security"	Second Week	Dr. A.B.Kadam Dr. M. E. Jadhav Dr. S. S. Gaikwad	-----
September	Internal Exam	Second Week	Dr. A.B.Kadam Dr. M. E. Jadhav Dr. S. S. Gaikwad	-----
December	Avishkar Activity with Student	Second Week	Dr. A.B.Kadam Dr. M. E. Jadhav	SGBA, University
February	National Science Day [Online Programming Quiz]	28 Feb	Dr. A.B.Kadam Dr. M. E. Jadhav Dr. S. S. Gaikwad	-----
March	Internal Exam	Second Week	Dr. A.B.Kadam Dr. M. E. Jadhav Dr. S. S. Gaikwad	-----
March	National Level Workshop on Cryptocurrency	Last Week March	Dr. A.B.Kadam Dr. M. E. Jadhav Dr. S. S. Gaikwad	-----

*Signature*  
**HOD**  
**Head**  
 Dept. Of Computer Science  
 Shri Shivaji Sci. & Arts College  
 Chikhli, Dist - BULDANA (M.S.)



*Signature*  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]


### Action Taken Report of Academic Calendar of Computer Science Department

- 1) The department has been organized “**Webinar on Cyber Security**”, for students & researchers in the area of cyber security, dated on 09<sup>th</sup> July 2020 at Shri Shivaji Science & Arts College Chikhli Dist. Buldana. **Dr. Arjun V. Mane, Government Institute of Forensic Science, Nagpur**, was the resource person for the webinar.

Sr. No.	Plenary Speaker	Topic	Date
1	Dr. Arjun V. Mane	Cyber Security	09-07-2020

- 2) **Avishkar:** Mr. Shubham Burkul & Mr. Baliram Solanki has been participated at district level Avishkar competition won First Prize & attended University level Avishkar.
- 3) On the occasion of “**National Science Day**”, Department has been organized “**Online Programming Quiz**”, for computer science students dated on 01<sup>st</sup> March 2021 at Shri Shivaji Science & Arts College Chikhli Dist. Buldana.
- 4) The department has been organized **National Level Workshop on “Cryptocurrency”**, for students & researchers in the area of Cryptocurrency & Cryptography, dated on 26<sup>th</sup> March 2021 at Shri Shivaji Science & Arts College Chikhli Dist. Buldana. **Prof. Citra G. Desai, Professor and HOD National Defence Academy [NDA], Khadkwasla, Pune** was the resource person for this workshop.

Sr. No.	Plenary Speaker	Topic	Date
1	Prof. C. G. Desai	Cryptocurrency	26-03-2021

  
HOD  
Head  
Dept. Of Computer Science  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist = BULDANA (M.S.)

**Shri Shivaji Science And Arts College Chikhli Dist.Buldana**  
**Department of Computer Science**  
**Academic Calendar 2020-21**

Month	Name of the Proposed Activity	Proposed Date	In-Charge Teacher	Collabration With
July	Workshop/ Webinar on "Cyber Security"	Second Week	Dr. A.B.Kadam Dr. M. E. Jadhav Dr. S. S. Gaikwad	-----
September	Internal Exam	Second Week	Dr. A.B.Kadam Dr. M. E. Jadhav Dr. S. S. Gaikwad	-----
December	Avishkar Activity with Student	Second Week	Dr. A.B.Kadam Dr. M. E. Jadhav	SGBA, University
February	National Science Day [Online Programming Quiz]	28 Feb	Dr. A.B.Kadam Dr. M. E. Jadhav Dr. S. S. Gaikwad	-----
March	Internal Exam	Second Week	Dr. A.B.Kadam Dr. M. E. Jadhav Dr. S. S. Gaikwad	-----
March	National Level Workshop on Cryptocurrency	Last Week March	Dr. A.B.Kadam Dr. M. E. Jadhav Dr. S. S. Gaikwad	-----

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**HOD**  
**Head**  
 Dept. Of Computer Science  
 Shri Shivaji Sci. & Arts College  
 Chikhli, Dist - BULDANA (M.S.)



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
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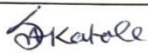
## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### **Department of Electronics** **Academic Calendar 2020-21**

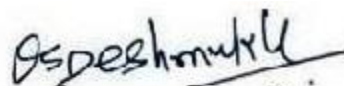
Month	Name of the Proposed Activity	Proposed date	Incharge Teacher
March	Objective question bank preparation	Second Week	Prof. S.A. Katole, Dr. D.B. Bobade,
April	MCQ provided to students of B.Sc. Even Semesters MCQ Unit Test conduct	Third Week  Last Week	Prof. S.A. Katole, Dr. D.B. Bobade,
May	MCQ Unit Test of B.Sc. Even Semesters Submission of Online Seminar	Second Week  Last Week	Prof. S.A. Katole, Dr. D.B. Bobade,
June	Submission of Project assignment of B.Sc.II, III year students Birth anniversary of Rajarshri Shahu Maharaj Program	Third Week  26 June 2020	Prof. S.A. Katole, Dr. D.B. Bobade, Prof. P.G. Sawadatkar
July	Online Admission Process Formation of New WhatsApp Group	11 July 2020	Prof. S.A. Katole, Dr. D.B. Bobade,
August	Online teaching Start for IInd, IIIrd year Odd Semester	First Week to Onwards	Prof. S.A. Katole, Dr. D.B. Bobade,
September	LMS & ZOOM Online classes	Continue.....	Prof. S.A. Katole, Dr. D.B. Bobade,
October	Mahatma Gandhi Jayanti Program Pandharinath Patil Punyatithi Program University Pre-Exam paper setting	2 Oct 2020  Last Week	Prof. S.A. Katole, Dr. D.B. Bobade,
November	Online Teaching of B.Sc.-Even Semester Students Induction Program 09 to 21 Nov, 2020	Start from First Week to Onwards  Last Week Diwali Vacation	Prof. S.A. Katole, Dr. D.B. Bobade
December	University Practical Exam B.Sc. I- Sem B.Sc.IV- Semester Dr. Panjabrao Deshmukh Jayanati Program	16-12-2020  17-12-2020  25-27 Dec,2020	Prof. S.A. Katole, Dr. D.B. Bobade

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

January	Online Kranti Jyoti Savitri Bai Phule Jayanti Program Independence Day Program	03-01-2021  26-01-2021	Prof. S.A. Katole,
February	MCQ Test Internal Marks Submission Online Guest Lecture by Dr. C.M. Jadhao Maui Engg. College, Shegaon	Second Week  20-02-2021	Prof. S.A. Katole, Dr. D.B. Bobade
March	MCQ Unit Test Odd Semester	Second Week	Prof. S.A. Katole, Dr. D.B. Bobade
April	One Day Workshop of Women's Grievance Committee by Adv. Jaya tai Kute	09-04-2021	Prof. S.A. Katole (Committee InCharge)
May	Submission of Internal and Practical Marks on Portal and Control Sheet of Sem-I & III	Third Week	Prof. S.A. Katole, Dr. D.B. Bobade
June	Valuation and Submission of Internal and Practical Marks of Sem-V Birth anniversary of Rajarshri Shahu Maharaj Program	Third Week  26 June,2021	Prof. S.A. Katole, Dr. D.B. Bobade
July	Offline Lecture Starts for Even Semesters	First Week and Onwards	Prof. S.A. Katole, Dr. D.B. Bobade

  
**HEAD,**  
 Department of Electronics,  
 Shri Shivaji Science & Arts College  
 CHIKHLI Dist. Buldana



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana



## Criterion – I- Curricular Aspects [QIM – 1.1.2]

**Shri Shivaji Education Society, Amravati's**  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE**  
**CHIKHLI DIST. BULDANA (M.S.)**  
**Academic Event Calendar 2020-2021**  
**DEPARTMENT OF PHYSICS**

SR. NO.	DATE /MONTH	ACTIVITY/ EVENT PLAN
<b>AUGUST-2020</b>		
01	4 <sup>th</sup>	First Session (Odd Semester)
02	9 <sup>th</sup>	Even Semester Examination
03	07	Departmental Meeting
17 <sup>th</sup> August to 23 November (Teaching Days) First Session		
<b>SEPTEMBER-2020</b>		
01	1 <sup>st</sup>	Admission Process
02	27 <sup>th</sup>	Odd Semester Starts
<b>OCTOBER-2020</b>		
19 <sup>th</sup> October to 07 <sup>th</sup> November Summer Examination 2020		
02	21 <sup>st</sup>	Departmental Meeting
<b>NOVEMBER-2020</b>		
Winter Vacation (Monday 09 November 2020 to Saturday 21 November 2020)		
01	9 <sup>th</sup>	First Term Vacation
02	2 to 7 Nov	Induction Program (F. Y.)
<b>DECEMBER -2020</b>		
01	1 week	Allotment of assignment, Project, Seminar Topic. Group Discussion
02	15 to 20 March	Odd Semester University Examinations
03	3 <sup>rd</sup> Week	Internal Assessment Unit Test

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

<b>JANUARY -2021</b>		
01	12 th	Departmental Meeting
02	17 th	Odd Semester University Examination Starts
<b>FEBRUARY -2021</b>		
15 th Feb to 20 th March Odd Semester Examination		
01	22 th to 27 th	C. V. Raman Lecture Series on Concepts of Modern Physics on the occasion of National Science Day
02	26 th	State Level General Knowledge Competition for UG and PG students
03	28th	A College level quiz competition on basic sciences for UG students on occasion of National Science Day
<b>MARCH-2021</b>		
01	1st	A Lecture on FUN with Optics on the occasion of Inauguration of Physics Association
02	1st	Attendance Defaulter list
03	22 th	Second Session (Even Semester)
04	23 th	Departmental Meeting
05	4 th Week	Internal Assessment Unit Test
<b>APRIL-2021</b>		
01	1st	Attendance Defaulter list
<b>MAY-2021</b>		
Summer Vacation (Saturday 01 May 2021 to Monday 31 May 2021)		
<b>JUNE - 2021</b>		
01	1 th to 30 th	University Even Semester Examination

### Action Taken Report of Academic Calendar of Department of Physics

- 1) **Induction Program (F. Y.):** From 2 November to 7 November Induction Program was organized for B. Sc. First year students. Aim of this program is to introduce newly admitted students with college and their respective departments.
- 2) **C. V. Raman Lecture Series:** In the duration of 22 to 27 February department of Physics organized C. V. Raman Lecture Series on the concepts of Modern Physics on the occasion of National Science Day. Aim of this event is to improve knowledge of graduate students about modern Physics.

Sr. No.	Name of Resource Person	Topic
01	Dr. Rajendra Joshi	Maxwell Equation and its Application
02	Dr. Nikhil Bhagat	Quantum Mechanics
03	Dr. Vishnu Huse	Introduction of Crystal Structure
04	Dr. Pankaj Khirade	Nanotechnology
05	Dr. Y. S. Tamgadge	Atomic and Molecular Physics
06	Dr. Bhagwan Toksha	Superconductivity

- 3) **General Knowledge Competition:** On date 26 February State Level General Knowledge Competition was organized for UG and PG students. The aim behind the competitive examination was to reduce the fear among the students about the competitive examination which are essential for various administrative services. Dattatraya Gadhve from Shri Shivaji Science and Arts College, Chikhli won the first prize in the competition, he was honored with cash prize of Rs. 1500/- and certificate. Ranjana Botre from Babasaheb Ambedkar Marathwada University, Aurangabad she was honored with 1000/- cash and certificate. Yogesh Deshmukh Shivaji Science and Arts College Chikhli, also bagged with third prize. He was honored with Rs. 750/- in cash and certificate.
- 4) **Quiz competition:** Department of Physics organized College level quiz competition on basic sciences for UG students on occasion of National Science Day (28 February). Aim of this event is to increase knowledge of students about basic sciences. Total 90 undergraduate students of science stream from the colleges are registered for this

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

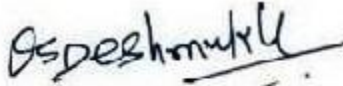
program. In this quiz competition questions are asked related to all subjects of science such as Physics, chemistry, mathematics, electronics, computer science, botany, zoology and microbiology.

### Winners:-

Sr. No.	Prize Level	Name of Student	Marks Obtained	Class
01.	First	Tushar Dadarao Suste	88/100	B.Sc. F.Y.
02.	Second	Akash Damodhar Dhamak	84/100	B.Sc. T.Y.
03.	Third	Shital sanjay Lahane	82/100	B.Sc. T.Y.

- 5) **A Lecture on FUN with Optics:** Physics Association was inaugurated on date 1 March with a lecture on FUN with Optics. Aim of this program to aware UG students of Physics department about Physics association and how to fun with optics. Resource person of this program is Dr. K. M. Alti, associate Professor, Institute of Science Nagpur.



  
Dr. Omraj S. Deshmukh  
**Principal**  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### Department of English Academic Calendar 2020-21

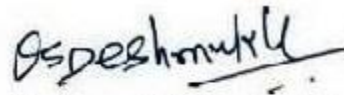
Sr. No.	Month	Name of the Proposed Activity	Proposed Week	In Charge Teacher
1.	July	Teaching Work		Dr. G. T. Ambhore Dr. S. I. Jukkalkar Miss. Nita Ubhe (CHB Teacher) Miss. Vidya Popar (CHB Teacher)
2.	August	Teaching Work & 20 Days Workshop on Communication Skills in English	4 <sup>th</sup> Week 20 Days Workshop on Communication Skills in English	
3.	Sept.	Teaching Work		
4.	Oct.	Teaching Work & Internal Assessment		
5.	Nov.	Winter Vacation/University Examinations		
7.	Dec.	University Examinations & Teaching Work		
8.	Jan.	Teaching Work		
9.	Feb.	Teaching Work		
10.	Mar.	Teaching Work		
11.	April	Internal Assessment		
12.	May	University Examination & Summer Vacation		Dr. S. I. Jukkalkar Miss. Nita Ubhe (CHB Teacher) Miss. Vidya Popar (CHB Teacher)

#### Action Taken

1. Throughout the academic year the whole country was under the dark shadow of death due to spread of Covid -19. Nothing took place as per the planning. The faculty of the Department shifted to On-Line mode of teaching as per the Government Directions. The teaching work was done on LMS and Zoom portal.
2. Students were guided to use Smart Phone and Laptops for online learning. (It is found that a few students possess Laptops). Smart Phones were the only available device for the students.
3. Notes were provided to students on Google Classroom.
4. The Head of the Department Dr. G. T. Ambhore got infected of Covid-19 Virus and succumbed to death on 25<sup>th</sup> April, 2021.
5. The proposed workshop in the month of August was postponed and engaged in the month of Sept.-Oct. 2021.

  
**Head**  
 Dept. of English  
 Shri Shivaji Sci. & Arts College  
 Chikhli Dist Buldana



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### Department of History Academic Calendar 2020-21

Sr.No	Month	Name of the Proposed Activity	Proposed Date	In-Charge Teacher	Remark
01	June-July	Admission Process Committee	Full Month	Department of Humanity	Implimented
02	July	Teaching First Session Start	1 July	Department of Humanity	Implimented
03	July	Participation in Tree Plantation Program	First Week	Dr.V.R.Padwal NSS Prog.Officer	Implimented
04	August	Organization of Hiroshima Day	6 August	Dr.V.R.Padwal	Implimented
05	October	Celebration of Pandharinath Patil & Gandhi Jayanti	20 Sept / 02 October	Department of Humanity	Implimented
06	December	Students' Assignments/Seminar Submission B.A.Part-1,2,3	Third Week	Department of History	Implimented
07	Janurary	Teaching Second Session Start	First Week	Department of History	Implimented
08	Febuary	Celebration of Shiv Jayanti	19 Febuary	Department of History	Implimented
09	March	Students' Assignments/Seminar Submission B.A.Part-1,2,3	Third Week	Department of History	Implimented

#### Action Taken Report of Academic Calendar of History Department

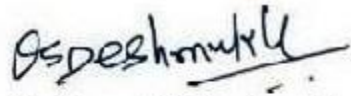
- 1) Admission Process :** Admission Process was Implented As per Aceademic Calender Publish by SGBAU,Amaravati.Admission Committee Department of Humanity Worked out for the Admission Process.
- 2) Teaching First Session Start :** First Teaching Session was Start From July second week.
- 3) Tree Plantation Program:** In July Tree plantation Program was organized by NSS & History Department. Faculty Members & NSS Voulenters Where participated in the Activity.
- 4) Organization of Hiroshima Day :** Hiroshima Day was Organize on 6 August.The Effects of Neuclear Bomb use by USA was explain by Dr.V.R.Padwal.Student Aware from the programme about Neuclear War.Just as they understand the need of peace for the Huminity.

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

- 5) **Celebration of Pandharinath Patil & Gandhi Jayanti:** Founder of the college Late Pandharinath Patils (20Sept), Mahatma Gandhis (Father of Nation), Late PM.Lalbahadur Shashris Birth Anniversary was celebrated by the department & Faculty of Humanity on 2nd octobar.
- 6) **Students' Assignments/Seminar Submission B.A.Part-1,2,3:** All Internal Assessment collected successfully.Class-wise Seminar was also organize.
- 7) **Teaching Second Session Start :** Second Session of Teaching was Start after first session.
- 8) **Celebration of Shiv Jayanti :** Inspiration of Indian youth and who know as Founder of Hindvi Sawaraj Chhatrapati Shivaji Maharajs birth anniversary was celebrated on 19 february Dr.V.R.Padwal guided to the students about the great & noble work of Chhatrapati Shivaji Maharajs
- 9) **Students' Assignments/Seminar Submission B.A.Part-1,2,3 :** All Internal Assessment collected successfully.Class-wise Seminar was also organize.

  
**Associate Professor & Head**  
Department of History  
Shri Shivaji Science & Arts College,  
Chikhli, Dist. Buldana



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
Shri Shivaji Sci. & Arts  
College. Chikhli, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### Faculty of Commerce

#### Academic Calendar 2020-21

Sr. No.	Month	Name of the Proposed Activity	Proposed Week	In Charge Teacher
1.	July	Teaching Work / Organisation of Webinar	Fourth Week	Dr. R. P. Gawai Dr. S. N. Gawai Dr. Purushttom Pawar Mr. Sumit Ginode
2.	August			
3.	Sept.	Teaching Work / Industrial Tour		
4.	Oct.	Teaching Work & Internal Assessment / Internship Programme	4 <sup>th</sup> Week	
5.	Nov.	Winter Vacation/University Examinations		
7.	Dec.	University Examinations & Teaching Work		
8.	Jan.	Teaching Work		
9.	Feb.	Teaching Work		
10.	Mar.	Teaching Work		
11.	April	Internal Assessment		
12.	May	University Examination & Summer Vacation		

#### Action Taken

1. Due spread of Covid-19 Lockdown was imposed by the Government. The faculty adopted online teaching mode and engaged online classes on LMS, Zoom Portal.
2. Online webinar on the topic "Covid-19 And Its Effect on Indian Economy" was organized.
3. Industrial Tour was cancelled. And the Internship Training was arranged
4. Notes were provided to students on Google Classroom.
5. The teaching work of the subjects belonging to commerce were completed within time.
6. Students were guided to use ICT for learning also.
7. Most of the students attended online lectures on Smart Phones.

*P. Gawai*

**HOD**  
Dept. Of Commerce  
Shri Shivaji Science &  
Art's College, Chikhli



*Dr. Omraj S. Deshmukh*

**Dr. Omraj S. Deshmukh**  
**Principal**  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana



**Internal Assessment System of University**

**Appendix-G**

The internal assessment marks assigned to each theory paper as mentioned in Appendix-A to F shall be awarded on the basis of assignment, class test, attendance, project assignments, Seminar, Study tour, Industrial visit, Visit to educational institutions and research organization, field work, group discussion or any other innovative practice/activity. The marking scheme for each of the practice/activity shall be as under :-

Sr. No.	Semester	Practice /Activity	Details of marking scheme	Total marks for		
				Languages	Mathematics	Other Science Subjects
1	2	3	4	5	6	7
1	Semester -I & II	Assignment	Two assignments per theory paper	04	05	08
2	Semester- I & II	Class Test	Two class test (on passing test)	06	10	12
<b>Total marks for Sem-I /II</b>				<b>10</b>	<b>15</b>	<b>20</b>
3	Sem-III, IV, V & VI	Project Assignment	On latest developments in the subject in 100-200 words	—	03	04
4	Sem-III, IV, V & VI	Class Test	Two class test (on passing test)	—	08	10

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

18						
1	2	3	4	5	6	7
5	Sem-III, IV, V & VI	Seminar, Study tour, Industrial visit, Visit to educational institutions, research organization, field work, group discussion or any other innovative practice/ activity.	Any one of the activity with report of the activity.	—	04	06
<b>Total marks of Sem-III/ IV/V/ VI</b>				—	<b>15</b>	<b>20</b>




  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikhli, Dist. Buldana**

**Assignment/ Projects/ Seminar for  
Internal Assessment**

**Department of Zoology  
Assignment**





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Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
Dist. Buldana

**Internal Assessment - Assignment / Project Report / Seminar**

Name of the Student Ku Swati Dilip Dhole

Class BSc 1<sup>st</sup> year [Bio] (Sem. I)

Academic Session : 20 20..... - 20 21.....

Marks Obtained : 07.....



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Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
Dist. Buldana

Internal Assessment - Assignment / Project Report / Seminar

Name of the Student Ku Swati Dilip Dhole

Class BSc I year [Bio] (Sem. I)

Academic Session : 20 20, - 20 21

Marks Obtained : .....



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Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
Dist. Buldana

**CERTIFICATE**

Name of Department: Zoology

Academic Session : 20 20 - 20 21

This is to certify that this Assignment/Project Report/Practical Book, Contains the Bonafide Record of Shri/Kumari/Shrimati Swati Dilip Dhole of B.Sc. I year (Semester I) during the academic Session 20 20 - 20 21. The Topic of the assignment / Project Report is Gametogenesis

Dated 4 / 12 / 20 21

**Signature of the Teacher**

who guide / taught the Examinee.

1. \_\_\_\_\_
2. \_\_\_\_\_

**ASSISTANT PROFESSOR**  
Department of Zoology  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana-443201

**Head of the Dept.**  
**HEAD**

Department of Zoology  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana

Note : In absence of certificate for Assignment / Project Report / Practical Book Examinee shall not be allowed to appear for the examination.



Name :- Swati Dilip Dhole  
STD :- BSc I year [Bio]  
Sub :- Zoology

Page No. :

Date : 4 / 12 / 2021

### \* Gametogenesis \*

- Gametogenesis is the processes of gamete formation in the sexually reproducing animals. The sexually reproducing animals contain two types of cells in their body such as somatic cell and the germinal cells. The somatic cell and the germinal cells the somatic cells form various organs of the body and provide a phase for the maturation development and formation of the germinal cells. The somatic cells always multiply by mitotic division. The germinal cells form the gonads (testes and ovaries) in the animal body these cell produce the gamete cells by successive mitotic and meiotic divisions. The male gamete is known as spermatozoa or sperm and the female gamete is known as ovum or egg. The process of sperm production is known as spermatogenesis and the process of ovum production is known as oogenesis.
- Gametogenesis is the process whereby a haploid cell ( $Cn$ ) is formed from a diploid cell ( $2n$ ) through meiosis and cell

- differentiation gametogenesis in the male is spermatogenesis and produce Spermatozoa.
- gametogenesis in the female is known as oogenesis and result in the formation of OVA.
- The series of changes through which the germinal epithelial cells pass to produce germ cells or gametes is called gametogenesis.
- gametogenesis stages
  - ① multiplicative phase
  - ② growth phase
  - ③ maturation phase
- Gametogenesis is the process whereby a haploid cell ( $n$ ) is formed from a diploid cell ( $2n$ ) through meiosis and cell differentiation gametogenesis in the male is known as spermatogenesis and produces spermatozoa gametogenesis in the female called oogenesis / ova.

- Gametogenesis is a biological process by which diploid or haploid precursor cells undergo cell division and differentiation to form mature haploid gametes

For example :- plants produce gametes

through mitosis in gametophytes

The gametophytes grow from haploid

spores after after sporic meiosis

- Gametogenesis is the process that forms gametes for sexual reproduction. Meiosis

is required for gametogenesis the key

difference between meiosis is a cell

division process while gametogenesis is

a process of gamete formation

Gametogenesis is divided into four phases

- Extra-gonadal origin of primordial germ cells

- proliferation of germ cells - by mitosis

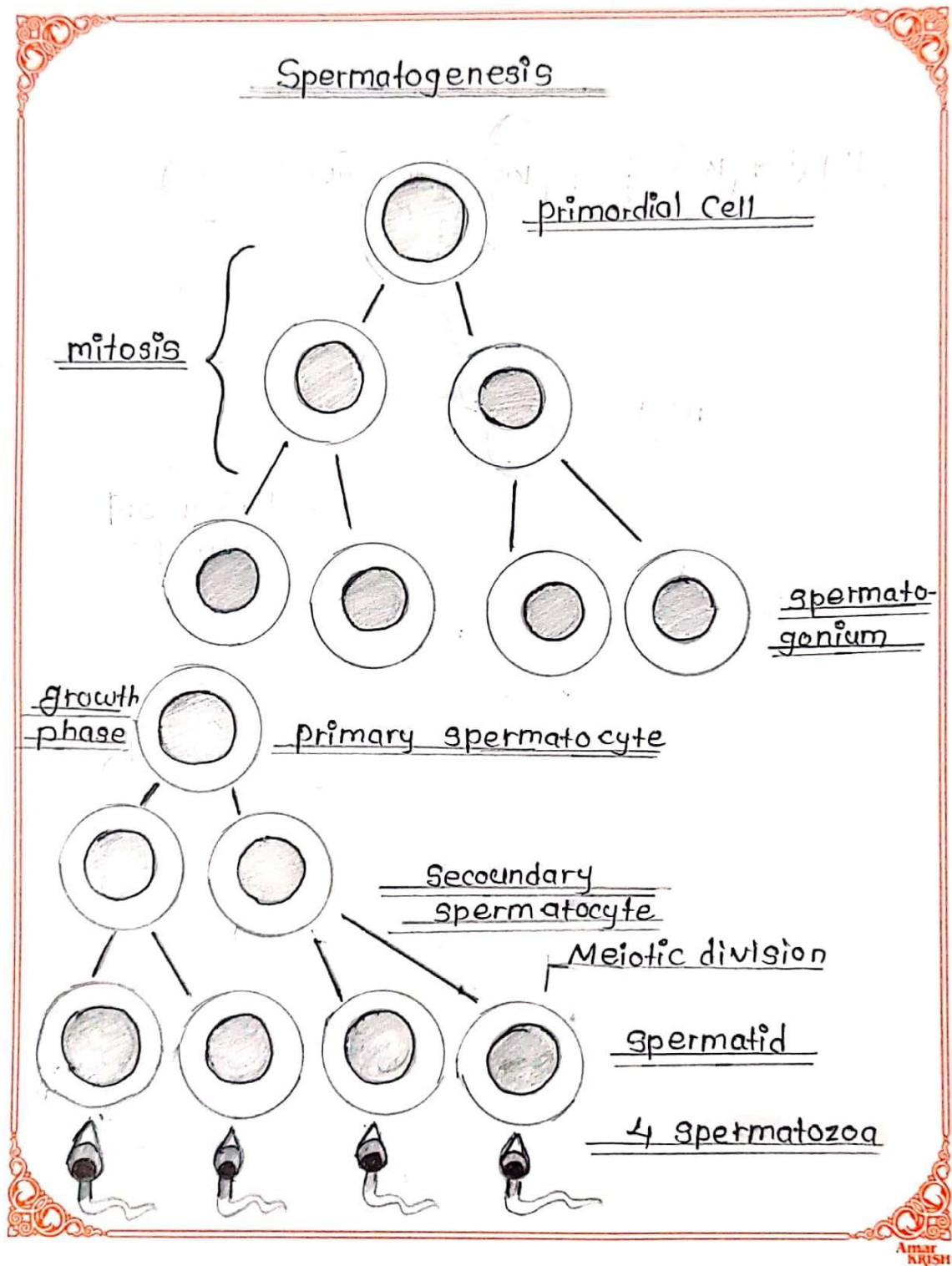
- Meiosis

- structural and functional maturation of the ova and spermatozoa.

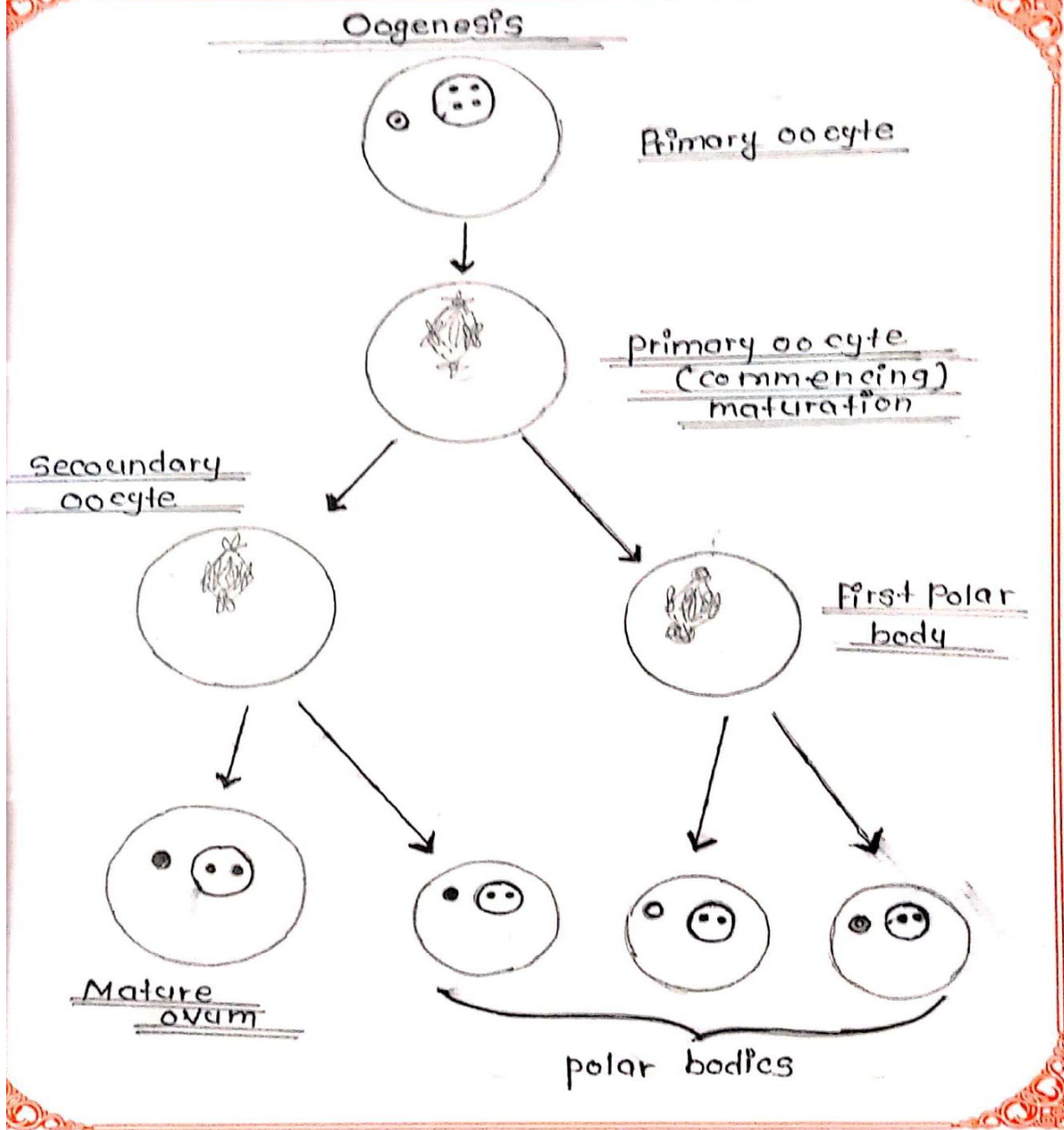
### \* Gametogenesis \*

- Gametogenesis is a biological process by which diploid or haploid precursor cells undergo cell division and differentiation to form mature haploid gametes depending on the biological life cycle of the organism gametogenesis occurs by meiotic division of diploid gametocytes into various gametes or by mitosis gametogenesis is the production of gametes from haploid precursor cells during the process of gametogenesis a germ cell undergoes meiosis to produce haploid cells that directly develop into gametes. Hence in animals meiosis is an integral part of gametogenesis gametogenesis in human process by which gametes are formed by sexual reproduction primordial form germ cells in the gonads give rise to primary gametocytes (primary oocytes) in females and primary spermatocyte in males which contain two copies of each chromosome (diploid cells)

Date: 4/12/2021




Date: 4/10/20



*Dr. Omraj S. Deshmukh*  
Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

Department of Zoology  
Seminar



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Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
Dist. Buldana

**Internal Assessment - Assignment / Project Report / Seminar**

Name of the Student sakshi Manish Chopda

Class B.sc 2<sup>nd</sup> year (Sem. Fourth)

Academic Session : 20 20 ..... - 20 21 .....

Marks Obtained : .....





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Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
Dist. Buldana

**CERTIFICATE**

Name of Department: Zoology

Academic Session: 20 20 - 20 21

This is to certify that this ~~Assignment~~ <sup>Seminar</sup> / ~~Project Report~~ / ~~Practical Book~~, Contains the Bonafide Record of ~~Shri~~/Kumari/~~Shrimati~~ Sakshi Manish Chopda of B.Sc. 2<sup>nd</sup> (Semester IV) during the academic Session 20 20 - 20 21. The Topic of the ~~assignment~~ / Project Report is Sickle Cell Anemia

Dated 27 / 07 / 20 21

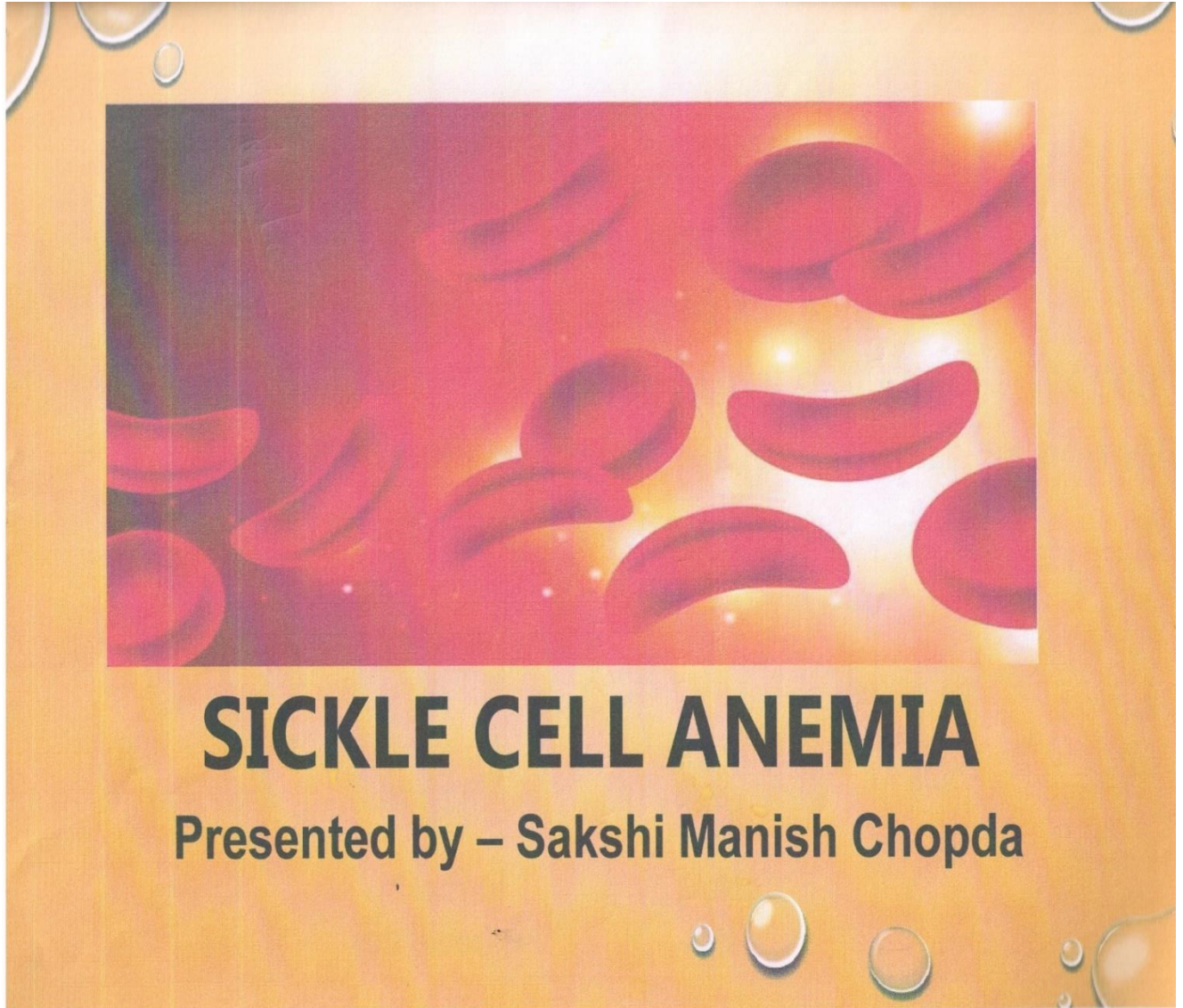
**Signature of the Teacher**

who guide / taught the Examinee.

1. [Signature]
2. **ASSISTANT PROFESSOR**  
Department of Zoology  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana-443201

[Signature]  
**(S.M.T. Mikhale)**  
**HEAD**  
Department of Zoology  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana 443201  
**Head of the Dept.**


Note: In absence of certificate for Assignment / Project Report / Practical Book examinee shall not be allowed to appear for the examination.




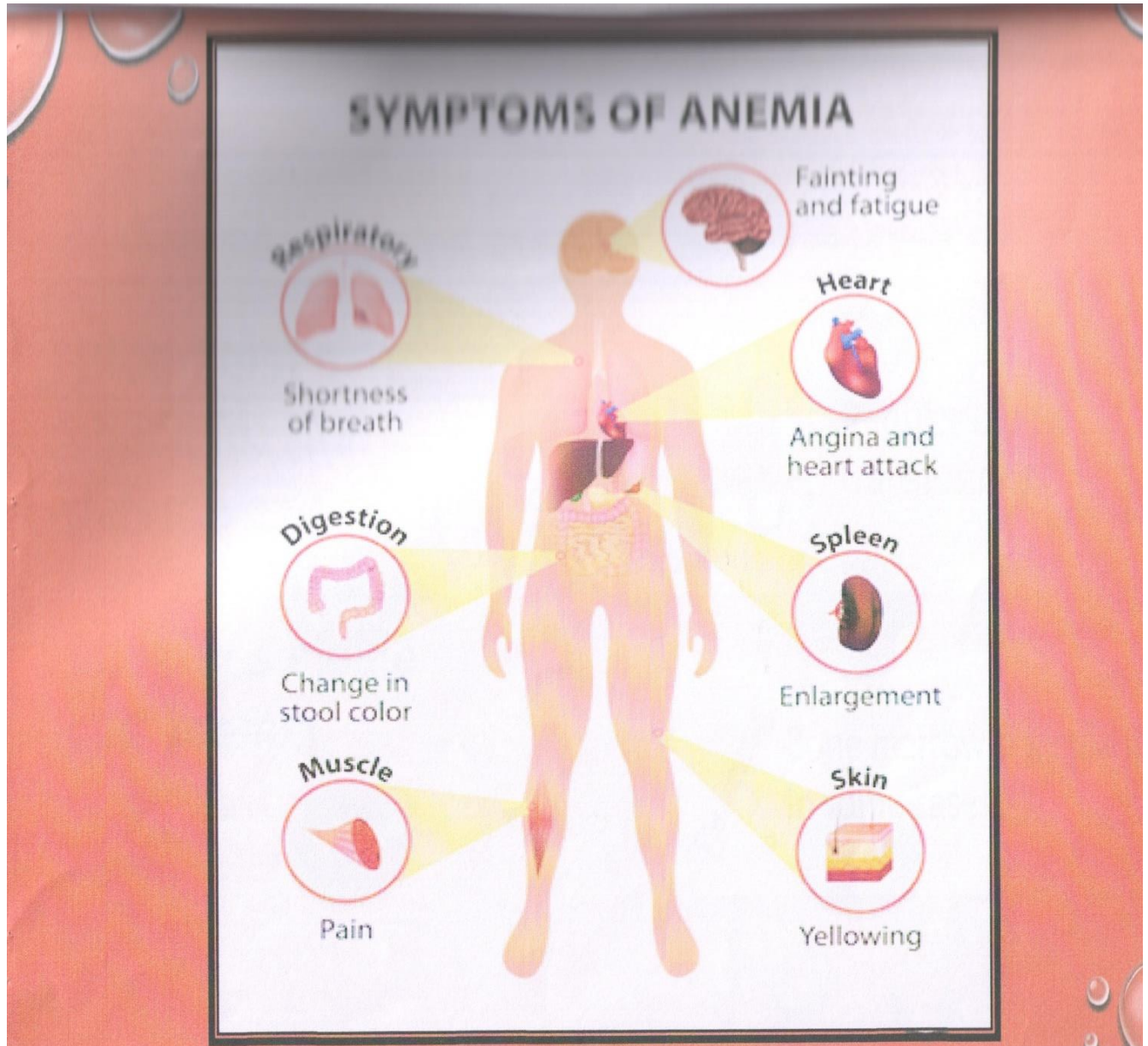
**Diagnosis:**

**Blood test can check for the defective form of hemoglobin that underlies sickle cell anemia.**

**Treatment:**

 Regular blood transfusions

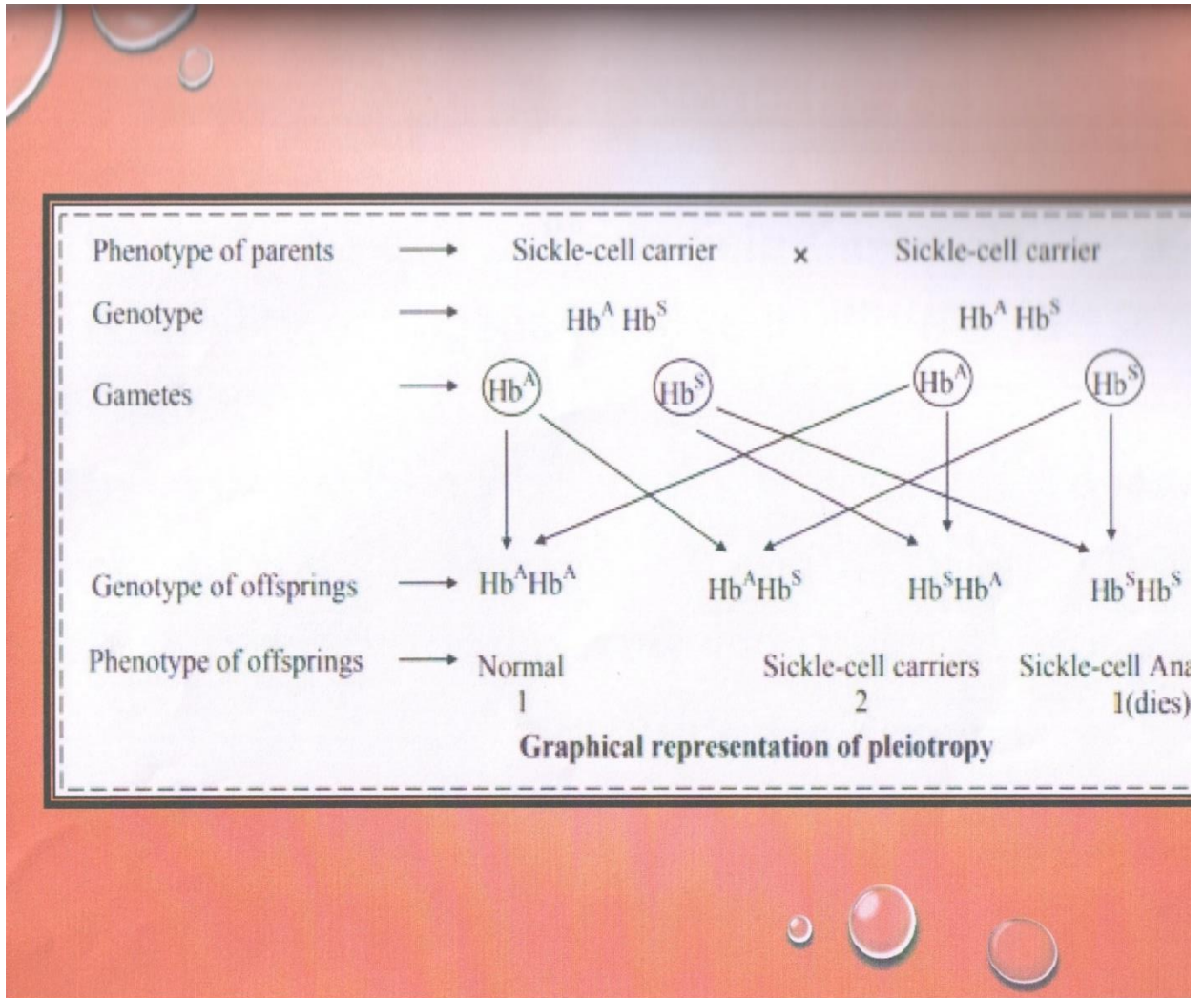
 Bone marrow transplant  
In some cases



- Homozygous individuals ( $Hb^S Hb^S$ ) usually die early in life due to premature destruction of RBCs.
- Heterozygotes have mild form of anaemia.
- These heterozygotes are protected from malaria because *Plasmodium* cannot grow in disordered RBCs.

## Pleiotropy of Sickle Cell Anemia

- The trait of Sickle cell anaemia shows pleiotropy.
- The ability of a gene to have multiple effect is called **pleiotropy**.
- The mutant allele  $Hb^S$  causes synthesis of abnormal hemoglobin.
- Homozygosity for this mutation causes severe sickle cell anaemia also referred to as “**HbSS**”, “**SS disease**”.



### Inheritance of Sickle cell anemia-

When two people who are carriers ( $Hb^A Hb^S$ ) of an autosomal recessive condition have a child-

- There is a 25% (1 in 4) chance that the child will have the condition.
- There is a 50% (1 in 2) chance that the child will be a carrier like each of the parents.
- And a 25% (1 in 4) chance of the child being homozygous for normal allele  $Hb^A$ .



- Allele responsible for sickle cell anaemia is **autosomal incomplete dominant**.
- A person that receives the defective gene from both father and mother develops the disease.
- A person that receive one defective and one healthy allele remains healthy but can pass on the disease and is known as a **carrier**.

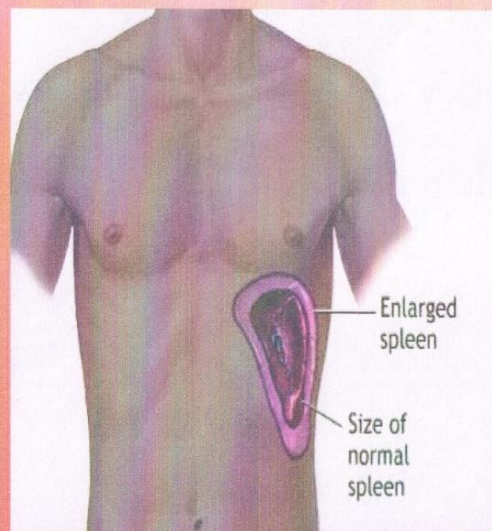
## GENETICS:

The allele for HbS is in people heterozygous for HgbS (carrier of sickling haemoglobin), the sickling problems are minor.

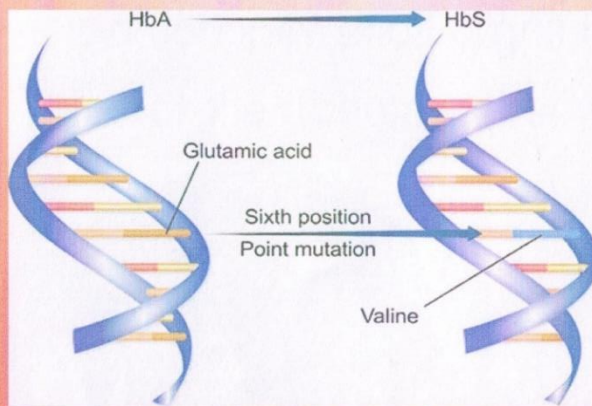
The normal allele is able to produce over 50% of the hemoglobin.

Carriers have symptoms only if they are deprived of oxygen (for example, while climbing a mountain) or will severely dehydrated.

- Repeated rounds of sickling decrease the cells elasticity.
- Such rigid RBCs lead to blockage of blood capillaries.
- Sickle cells are destroyed in spleen in 10-20 days causing anemia.
- The spleen is a normally small organ located on the upper left side of the abdomen (belly) under the ribs.



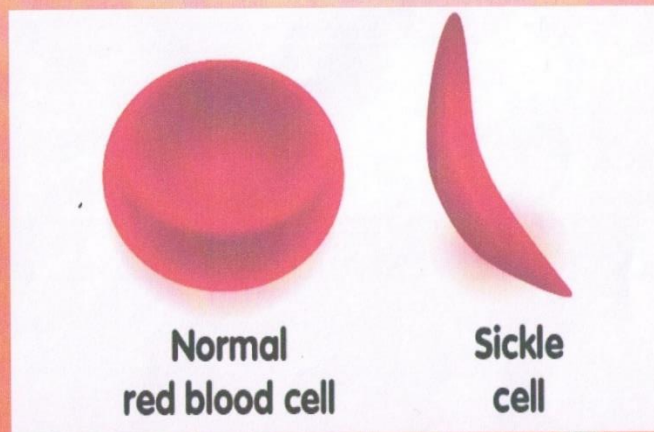
**Sickle haemoglobin (HbS)** arises from a mutation in codon 6 of the  $\beta$ -globin gene resulting in replacement of the normal glutamic acid residue by a valine.



At low-Oxygen tension these fibres cause sickling of red blood cell.

## SICKLE CELL ANEMIA


- Sickle-cell anemia is a **genetic blood disorder**.
- It is characterized by sickle shaped RBCs.
- **Sickle haemoglobin (HbS)** arises from a mutation in codon 6 of the  $\beta$ -globin gene resulting in replacement of the normal glutamic acid residue by a valine.





*Dr. Omraj S. Deshmukh*  
Dr. Omraj S. Deshmukh  
**Principal**  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

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॥ ज्ञानम् परम् ध्येयम् ॥

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
Dist. Buldana

Internal Assessment - Assignment / Project Report / Seminar

Name of the Student Ku Pooja Gajanan Patne

Class Bsc. 3<sup>rd</sup> year (Sem. VI)

Academic Session : 20 20....., - 20 21.....

Marks Obtained : .....



॥ ज्ञानम् परम् ध्येयम् ॥

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
Dist. Buldana

**CERTIFICATE**

Name of Department: zoology

Academic Session : 20 20 - 20 21

This is to certify that this ~~Assignment~~ / ~~Project Report~~ / ~~Practical Book~~, Contains the Bonafide Record of ~~Shri~~ / ~~Kumari~~ / ~~Shrimati~~ Pooja Gajanan Patne of B.Sc. 3<sup>rd</sup> (Semester VI) during the academic Session 20 20 - 20 21.  
The Topic of the assignment / Project Report is \_\_\_\_\_

Diversity of Beetles

Dated 5 / 8 / 20 21

**Signature of the Teacher**

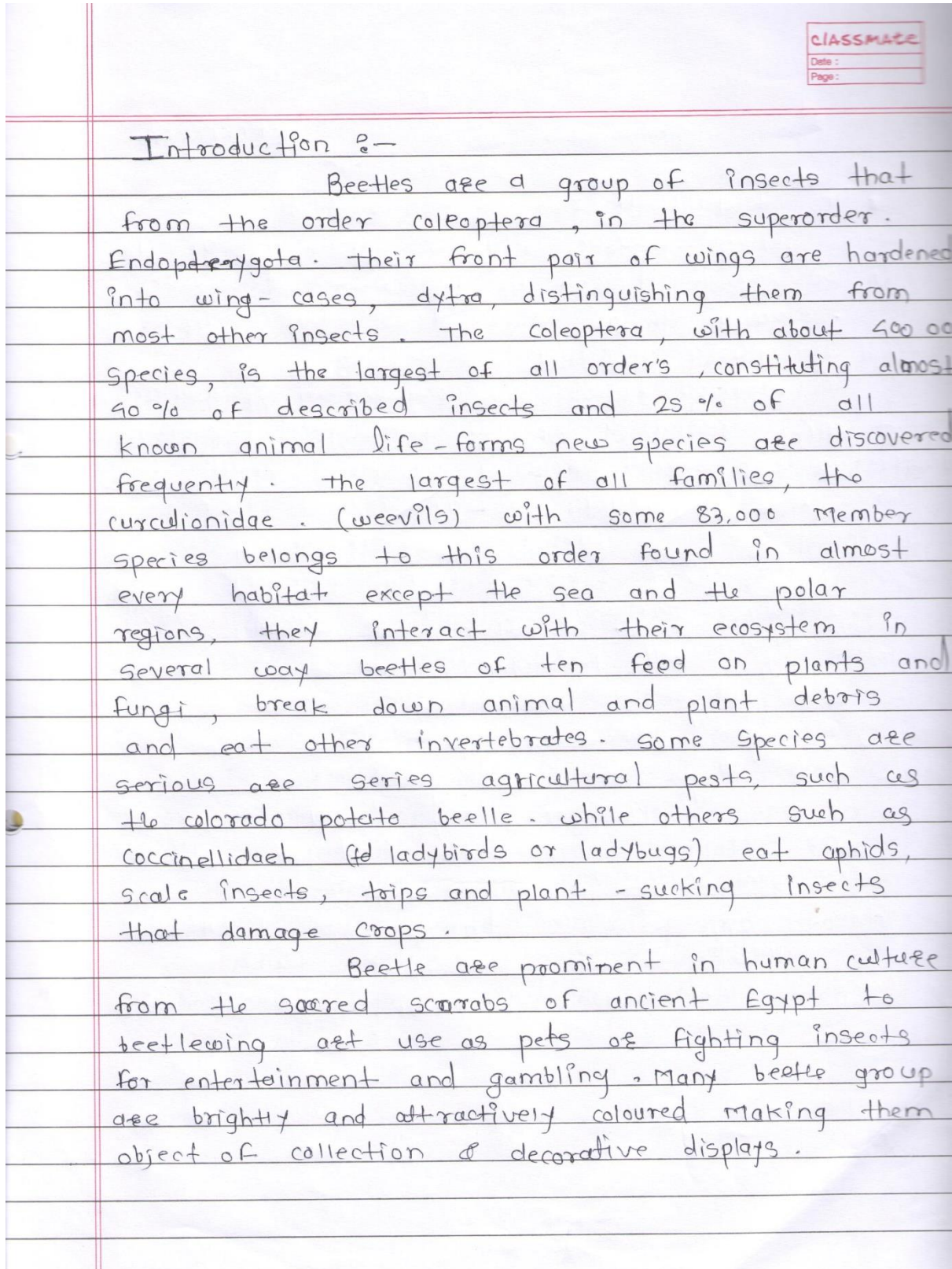
who guide / taught the Examinee.

1. [Signature]  
HEAD  
Department of Zoology  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana 443201
2. \_\_\_\_\_

[Signature]  
G.M.T. Nikam  
HEAD  
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Chikhli, Dist. Buldana 443201  
Head of the Dept.

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CLASSMATE  
Date :  
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Diversity B -

Beetles are by far the largest order of insect - the roughly 40000 species make up about 40% of all insect species so far described and about 25% of all animals.

Beetles are found in nearly all habitats including freshwaters and coastal habitats, wherever vegetative foliage is found, from trees and their bark to flowers, leaves and underground near roots - even inside plants in galls, in every plant tissue, including dead or decaying ones, Tropical forest canopies have a large and diverse fauna of beetles, including carabidae, chrysomelidae and scarabaeidae.

The heaviest beetle, indeed the heaviest insect stage, is the larva of the goliath beetle, Goliathus goliatus which can goliath beetle, attain a mass of at least 115 g. and a length of 11.5 cm. Adult male goliath beetles are the heaviest beetle in its adult stage weighing 70-100 g and measuring up to 11 cm.

Adult elephant beetles, Megasoma elephas and Megasoma octaceon often reach 50g and 10 cm.



1.POTATO BEETLE



2.COM MUITO ANTENAS BEETLE



3.FIREFLY BEETLE



4. RED BUD BEETLE

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

CLASSMATE

Date :

Page :

1. Potato Beetle

classification

kingdom : Animalia  
phylum : Arthropoda  
class : Insecta  
order : Coleoptera  
family : Chrysomelidae  
Genus : Leptinotarsa  
Species : L. decemlineata

2. Common Antennas Beetle

classification

Kingdom : Animalia  
phylum : Euarthropoda  
class : Insecta  
order : Coleoptera  
family : Cerambycidae  
Genus : Monochamus  
species : M. scutellatus

3. Firefly Beetle

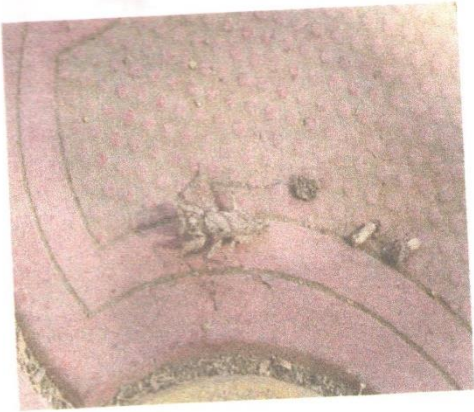
classification

kingdom : Animalia  
phylum : Euarthropoda  
class : Insecta  
order : Coleoptera  
Genus : Photuris  
Species : P. lucicrescens  
family : Lampyridae

4. Red Bug Beetle

classification

kingdom : Animalia  
phylum : Euarthropoda  
class : Insecta  
order : Hemiptera  
Genus : Onopeltus  
Species : O. fasciatus  
family : Lygaeidae



5. KENYAN BEETLE



6. DUNG BEETLE



7. MILLY BUG BEETLE



8. BROWN MARMORATED STINK BUG BEETLE

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

CLASSMATE

Date :  
Page :

### 5. KENYAN BEETLE

classification

classification

kingdom : Animalia  
phylum : Arthropoda  
class : Insecta  
order : coleoptera  
Genus : Paederus  
species P. eximius  
family : staphylinidae.

### 6. DUNG BEETLE

classification

kingdom : Animalia  
phylum : Euarthropoda  
class : Insecta  
order : coleoptera  
Genus : Scarabaeus  
species S. viettei  
family : scarabaeidae.

### 7. MEALYBUG BEETLE

classification

kingdom : Animalia  
phylum : Arthropoda  
class : Insecta  
order : coleoptera  
Genus : paederus  
Species : P. eximius  
family : staphylinidae.

### 8. BROWN MARMORATED STINK BUD BEETLE

classification

kingdom : Animalia  
phylum : Euarthropoda  
class : Insecta  
order : coleoptera  
Genus : Scarabaeus  
Species : S. viettei  
family : scarabaeidae.



9. MILKWEED LEAF BEETLE



10. TORTOISE BEETLE



11. PLEASING FUNGUS BEETLE



12. SAP BEETLE

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

CLASSMATE

Date :  
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13. FRUIT WORM BEETLE

14. BLISTER BEETLE

classification

classification

kingdom : Animalia  
phylum : Arthropoda  
class : Insecta  
order : Coleoptera  
Genus : Cucujidae  
Species : C. byturidae.

kingdom : Animalia  
phylum : Arthropoda  
class : Insecta  
order : Coleoptera  
Genus : Hycleus  
Species : H. lugens  
family : Meloidae.

15. ANT-LIKE FLOWER BEETLE

16. CARRION-BURYING BEETLE

classification

classification

kingdom : Animalia  
phylum : Arthropoda  
class : Insecta  
order : Coleoptera  
Genus : Anthicus  
species : A. notoxus  
family : Anthicidae

kingdom : Animalia  
phylum : Euarthropoda  
class : Insecta  
order : Coleoptera  
Genus : Nicrophorus  
species : N. vespillo  
family : Silphidae.





13. FRUITWORM BEETLE



14. BLISTER BEETLE



15. ANT LIKE FLOWER BEETLE



16. CARRION BURYING BEETLE

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

CLASSMATE  
Date :  
Page :

9. MILK WEED LEAF BEETLE

10. TORTOISE BEETLE

classification

classification

kingdom : Animalia  
phylum : Arthropoda  
class : Insecta  
order : coleoptera  
Genus : Labidomera  
Species : L. clivialis  
family : chrysomelidae

kingdom : Animalia  
phylum : Arthropoda  
class : Insecta  
order : coleoptera  
Genus : Charidotella  
Species : C. sexpunctata  
family : chrysomelidae

11. PLEASING FUNGUS BEETLE

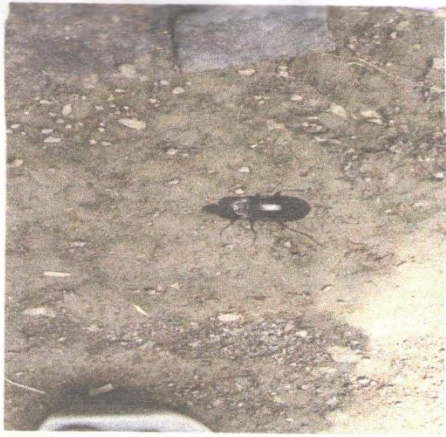
12. SAP BEETLE

classification :

classification

Kingdom : Animalia  
phylum : Arthropoda  
class : Insecta  
order : coleoptera  
Genus : Arcoperoxys  
species : A. gorham

kingdom : Animalia  
phylum : Euarthropoda  
class : Insecta  
order : coleoptera  
Genus : Urophorus  
species : U. carpophilus  
family : Nitidulidae



17. DARKLING BEETLE



18. FLAT GRAIN BEETLE



19. LADY BUG



20. CLOWN BEETLE


## Criterion – I- Curricular Aspects [QIM – 1.1.2]

CLASSMATE	
Date :	
Page :	
17. DARKLING BEETLE	18. FLAT GRAIN BEETLE
classification	classification
Kingdom : Animalia	Kingdom : Animalia
phylum : Arthropoda	phylum : Arthropoda
class : Insecta	class : Insecta
order : coleoptera	order : coleoptera
Genus : Tribolium	Genus : ryptolestes
Species : T. castaneum	Species : C. furcicus
family : Tenebrionidae	family : Laemophloeidae
19. LADYBUG BEETLE	20. CLOWN BEETLE
classification	classification
Kingdom : Animalia	Kingdom : Animalia
phylum : Arthropoda	phylum : Euarthropoda
class : Insecta	class : Insecta
order : coleoptera	order : coleoptera
Genus : Hippodamia	Genus : Abraeomorphus
Species : H. Convergens	Species : A. atomarius
family : coccinellidae	family : Histeridae



*Dr. Omraj S. Deshmukh*  
Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

**DEPARTMENT OF ECONOMICS**  
**Assignment**

  
॥ ज्ञानम् परम् ध्येयम् ॥

**Shri Shivaji Education Society, Amravati's**  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
**Dist. Buldana**


**Internal Assessment - Assignment / Project / Report / Seminar**

Name of the Student Poojan Jambhavan Nimbalke

Class B.A. III (Sem. 5<sup>th</sup>)

Academic Session : 20 20 - 20 21

Marks Obtained : 10

  
Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
Dist. Buldana

**CERTIFICATE**

Name of Department: Economics

Academic Session: 2020..... - 2021.....


This is to certify that this Assignment/~~Project~~/~~Report~~/~~Practical~~ Book, Contains the Bonafide Record of Shri/Kumari/Shrimati Pavani Janardhan Nimhalgar of B.Sc. B.A. III (Semester 5<sup>th</sup>) during the academic Session 2020... - 2021...  
The Topic of the assignment / Project Report is \_\_\_\_\_

Dated ...../...../2021.....

**Signature of the Teacher**  
who guide / taught the Examinee.

1. Dr. S. M. Kolabche

2. \_\_\_\_\_

  
**Head of the Dept.**  
Asstt. Professor  
Shri Shivaji Sci. & Arts College  
Chikhal, Dist. Buldana

Note : In absence of certificate for Assignment / Project Report / Practical Book examinee shall not be allowed to appear for the examination.

तत्समुचित प्रश्नसंग्रह

1. भारतीय अर्थव्यवस्था आणि नियोजन

1. 1998 साली देशाच्या कामकरी लोकसंख्येच्या किती टक्के लोकसंख्या शेतकरी अवलंबून होती ?

- ✓ 1) 61% 2) 52% 3) 33% 4) 35%

2. 3 व्या पंचवार्षिक योजनेच्या पारंपरी देशातील कामशावतीपैकी किती टक्के कामशावती लेकर होती ?

- ✓ 1) 2% 2) 3% 3) 4% ✓ 4) 2.02%

3) विकसीत देशांमध्ये कोणती नेकारी आढळून येते ?

- ✓ 1) चक्रीय नेकारी 2) ह्युपी नेकारी 3) तंगामी नेकारी 4) स्तुतिक्षीत नेकारी

4) अर्थव्यवस्थेच्या विकासाचे वेग जाणविल्यासाठी अलीकडे कोणते धोरण राबविले जाते ?

- ✓ 1) उदारीकरण 2) आजगीकरण 3) नागानैतिकरण 4) व्याजगीकरण

5) भारताने दारीव्याचे सर्वात महत्त्वाचे कारण कोणते ?

- ✓ 1) नेकारी 2) लोकसंख्या 3) उद्योगांचे आजारपण 4) शेती

6) भारताने नेकारीबद्दल अंदाज कोण व्यक्त करते ?

- ✓ 1) राष्ट्रीय सांख्यिकी आयोग 2) IZTI आयोग 3) RBI 4) SBI

7) नेकारच्या मीमांसेनुसार प्रथमची आगव्याची नेकारीन कारणीभूत घटक ?

- ✓ 1) लोकसंख्या 2) नैसर्गिक साधनसंपत्ती 3) पुरवठा 4) मागणीची कुमतरत



		CLASSMATE
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8.	भारताच्या भाषातीची प्रमुख - - भाषात विभागणी करता येते अ) ५ ब) ६ क) ९ ड) ३	
9.	भारताच्या निर्यातीची - - - भाषात विभागणी करता येते अ) पाच ब) सहा क) तीन ड) चार	
10.	- - - व्यापाराने व्यापाराने व व्यवहाराने या दोन संकल्पना म्हणता येतात अ) खाजगी ब) सरकारी क) देशी ड) आंतरराष्ट्रीय	
11.	व्यापार नीलामध्ये विदेशी व्यापाराला फक्त - - - वस्तूंच्या आयात-निर्यात मूल्यांच्या समावेश होतो. अ) महत्त्व ब) सार्वजनिक क) उपभोग्य ड) हस्त	
12.	भारतीय विदेशी व्यापार संस्थेची स्थापना - - - अ) 1960 ब) 1961 क) 1962 ड) 1963	
13.	विकसित राष्ट्रांमध्ये - - - जास्त असते. अ) क्षेत्रफळ ब) सैन्यशक्ती क) उत्पादन ड) दरवेई उत्पादन	
14.	भारत देशाचा समावेश - - - राष्ट्रात होतो. अ) पूर्ण विकसित ब) शक्तीमान क) औद्योगिक ड) विसुसन्शील	
15.	- - - ची निरंतर वाढ देशाच्या दारिद्र्याचे कारण बनले आहे अ) उत्पादन ब) लोकसंख्या क) निस्करता ड) संपत्ती	

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 Date: \_\_\_\_\_  
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२ कृषी (Agriculture)

1. भारतान्वये शाब्दीय उन्वन्नामये ३३ टके वादा हा - - - - जाते  
 अ) सरकारवा ब) व्यावसायिकांचा क) डावीकांचा उ) शेतीचा
2. भारतीय अर्थव्यवस्थेचा काल - - - -  
 अ) नव उद्योग ब) अर्धनव उद्योग क) समाप्न उद्योग उ) कृषी व्यवसाय
3. भारतीय शेतीला वावसावरीन . . . . . म्हळतात  
 अ) कृषा ब) कोप क) खेळ उ) जुगाण
4. भारतान कोनी - - - - पद्धतीने केली जाते  
 अ) सामुदायिक ब) कुळ कामदाने क) लेखिगारी उ) पंवरामात
5. १९५८ मध्ये जमीनदारी पद्धती नष्ट करणारे राज्य - - - -  
 अ) उत्तरप्रदेश ब) कर्नाटक क) आसाम उ) मडाम
6. संपूर्ण देशान - - - - पासून जमीनदारी पद्धतीचे उच्चाटन झाले  
 अ) १९५१ ब) १९५२ क) १९५१ उ) १९५०
7. कुळांचे शेतीकुरणारी पद्धत - - - -  
 अ) महालवारी ब) रमतवारी क) लेखिगारी उ) जमीनदारी
8. जमीनीची मालकी स्वतःचे असणारी पद्धती - - - -  
 अ) कुळ ब) महालवारी क) जमीनदारी उ) रमतवारी
9. शेतीचा काकात कमी होणे म्हळोने - - - -  
 अ) उपविभाजन ब) विभाजन क) खंड पडणे उ) अंतरविभाजन
10. अन्नधान्य रेकारिणाची व्यवस्था - - - - करणान भाली  
 अ) १९५७ ब) १९५५ क) १९५१ उ) १९५०

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11.	अन्नधान्य ज्योत्सवी समितीची नियुक्ती केला करव्यात आली ? अ) 1954 ब) 1955 क) 1956 <u>ड) 1957</u>
12.	महाराष्ट्रात शेतकरी संघटना उभी करणारे - - - - हे लोक अ) शारद पवार ब) शारद यादव क) शारद नेगी <u>ड) शारद जोशी</u>
13.	भारत सरकारने - - - पासून वस्तु मापन करण्याकरीता मेट्रिक पध्दती लागू केली. अ) 1954 ब) 1955 क) 1957 <u>ड) 1958</u>
14.	केंद्रीय वीवाम निगमाची स्थापना - - - - आली. अ) 1951 ब) 1953 क) 1955 <u>ड) 1957</u>
15.	- - - मह्ये अनेक राज्यांनी कुळपिषयक कामकाज केला ? अ) 1952 ब) 1954 क) 1957 <u>ड) 1959</u>
3. उद्योग :	
1)	खालीलपैकी कोणत्या पंतप्रधानांनी 1931 चे नवीन आर्थिक धोरण स्विकारले ? अ) भीमजी जंजिरा बांधी ब) राजीव गांधी क) मोदी <u>ड) नरसिंहराव</u>
2)	भारताचे 1931 पासून आर्थिक विकासाचे कोणते धोरण स्विकारले ? <u>अ) उदार</u> ब) प्रतिबंधित क) कडक ड) साधारण
3)	भारताला आर्थिक अरिबद्धाचा अनुभव कोणत्या वर्षी झाला ? अ) 1921 ब) 1951 <u>क) 1931</u> ड) 2001
4)	1931 मह्ये भाववारीचा दर किती टक्क्यांपर्यंत वाढला होत अ) 7% ब) 10% क) 13% <u>ड) 17%</u>

5. सरासरी भारततील किती उद्योगांवर सार्वजनिक क्षेत्राची मजबूतारी होते ?  
अ) 3 उद्योग ब) 4 उद्योग क) 5 उद्योग ड) 7 उद्योग

6. 1991 च्या नवीन आर्थिक धोरणाबुसार किती उद्योगांना परवाना रूपात सुरक्षा कालो  
अ) 6 ब) 7 क) 8 ड) 9

7. नवीन आर्थिक धोरणाच्या सामाजिक क्षेत्रावर कोणता धोरण लागू झाला ?  
अ) अनुसूचित ब) अनिश्चित क) हानिकारक ड) नुकसानकारक

8. आर्थिक सुधारणा कार्यक्रमाबुद्धे बाजारी उद्योगांची संख्या किती झाली ?  
अ) कमी ब) अधिक क) जास्त ड) कमी-जास्त

9. 1991 पूर्वी भारतातील किती उद्योगांवर सरकारी मजबूतारी होती ?  
अ) 12 ब) 11 क) 10 ड) 17

10. कृषी क्षेत्रातून जवळपास किती टक्के लोकांना रोजगार देण्याची क्षमता आहे ?  
अ) 60% ब) 62% क) 63% ड) 65%

11. 2001 च्या जनगणनेनुसार कृषी क्षेत्रातील लोकांचे रोजगाराचे प्रमाण किती टक्केपर्यंत झाले आहे ?  
अ) 58% ब) 59% क) 60% ड) 62%

12. 1991 नंतर देशात कोणत्या वस्तुंच्या उत्पादनात घट होत आहे ?  
अ) उपभोग्य वस्तू ब) अंतरिम वस्तू क) भांडवली वस्तू ड) मूलभूत वस्तू

13. काही व्यापारी नॅटोचे सदस्यीकरण कोणत्या वर्षी करवून घेतले ?  
अ) 1965 ब) 1966 क) 1968 ड) 1969

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14. भारताने खाजगीकरणाला सुरुवात कोणत्या वर्षी केली ?  
 अ) 1990 ब) 1991 क) 1992 ड) 1993

15. खासताने आपले अंग जास्तीतजास्त क्षेत्रातून उद्धरणे घेणे म्हणजे काय ?  
 अ) उदारीकरण ब) जागतिकीकरण क) खाजगीकरण ड) किफुतवचक

१. वाढीस सक्षम : एक महत्वाचे आर्थिक क्षेत्र

1) विदेशातील वस्तू बोलावणे - - - -  
 अ) उदारीकरण ब) व्यापारीकरण क) पारिभाषिकीकरण ड) आयात

2) विदेशात वस्तू पाठवणे - - -  
 अ) उदारीकरण ब) व्यापारीकरण क) खाजगीकरण ड) निर्यात

3) सेवनीय व उपभोग्य वस्तूंचीही आयात - - - - देशाला आवश्यक असते  
 अ) विकासशील ब) भर्तविकसित क) मागासलेल्या ड) अवििकसित

4) उपभोग्य वस्तूंच्या आयातीमुळे - - - - सध्दतीला आढा वसते  
 अ) लोकांच्या ब) गैरमार्गी क) अस्फितीकरण ड) स्फितीकरण

5) - - - - पासून भारताच्या आयात व्यापारात वाढ होत आहे  
 अ) 1954 ब) 1953 क) 1972 ड) 1951

6) - - - - पासून तेलाच्या पुरवठा कुणाच्या राब्दानी तेलाच्या किमतीत वाढ केली  
 अ) 1968 ब) 1970 क) 1972 ड) 1973

7) - - - - सध्ये भारताने विदेशी व्यापाराबाबत उदारीकरणाचे टोल स्फितीकरण  
 अ) जागतिकीकरणाचे ब) निर्यातीचे क) तरखातेचे ड) उदारीकरणाचे


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8. 1955 साली आपल्या देशात जन्मिल्या दर किती टक्के लोका ?  
1) 20% 2) 40% 3) 60% 4) 80%
9. भारताने शेतीला कशाच्या सुधारणेसाठी ?  
1) शासकाद 2) सरकार 3) गिर्सा 4) मानसूनक
10. 1951 नंतर देशात कोणत्या वस्तूच्या उत्पादनात घट होण आले ?  
1) उपजोग्य वस्तू 2) अंतरिम वस्तू 3) आडवली वस्तू 4) मूलभूत वस्तू
11. अल्पविकसित देशात दररोज उत्पन्न कोसे असते ?  
1) वाढ 2) त्रुटी 3) नसलेली 4) कमी
12. एकाच वेळी ज्ञानगी क्षेत्र व सार्वजनिक क्षेत्र कार्यात असणे म्हणजे कोणती अर्थव्यवस्था होय ?  
अ) आडवणकारी अर्थव्यवस्था ब) समानवादी अर्थव्यवस्था  
क) निश्चित अर्थव्यवस्था ड) गापेकी नाही
13. आडवणकारी अर्थव्यवस्थेच्या विरोध कोणी केला ?  
अ) कार्ल मार्क्स ब) लॉर्ड स्पेन्सर क) लेनिन ड) गापेकी नाही
14. मिश्रित अर्थव्यवस्थेत आर्थिक विषयतातून दूर करण्याकरीता कोणत्या पद्धतीच्या कायदां लागू केले ?  
अ) प्राथमिकी ब) प्रागतिकी क) अनुवातिक ड) पुरोगामी
15. भारताने आर्थिक विचारासाठी कोणत्या अर्थव्यवस्थेचा मार्ग अवलंबित आले ?  
अ) समाजवादी अर्थव्यवस्था ब) आडवणकारी अर्थव्यवस्था  
क) लोकशाहीवादी अर्थव्यवस्था ड) विकसित अर्थव्यवस्था



*Dr. Omraj S. Deshmukh*  
Dr. Omraj S. Deshmukh  
Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

**Commerce Project**



॥ ज्ञानम् परम् ध्येयम् ॥

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
Dist. Buldana

**Internal Assessment - Assignment / Project Report / Seminar**

Name of the Student Ku. Divya Dagduba Salve


Class B.Com. I (Sem. II)

Academic Session : 20 20....., - 20 21.....

Marks Obtained : .....



Criterion – I- Curricular Aspects [QIM – 1.1.2]

 Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHALI**  
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**CERTIFICATE**

Name of Department: Commerce & Management.

Academic Session : 20 20..... - 20 21.....

This is to certify that this Assignment/Project Report/Practical Book, Contains the  
Bonafide Record of ~~Shri~~/Kumari/~~Shrimati~~ Divya Dagduba Salve.  
of Com. I (Semester II) during the academic Session 20 20..... - 20 21.....  
The Topic of the assignment / Project Report is \_\_\_\_\_

Dated \_\_\_\_\_/\_\_\_\_\_/20\_\_\_\_\_

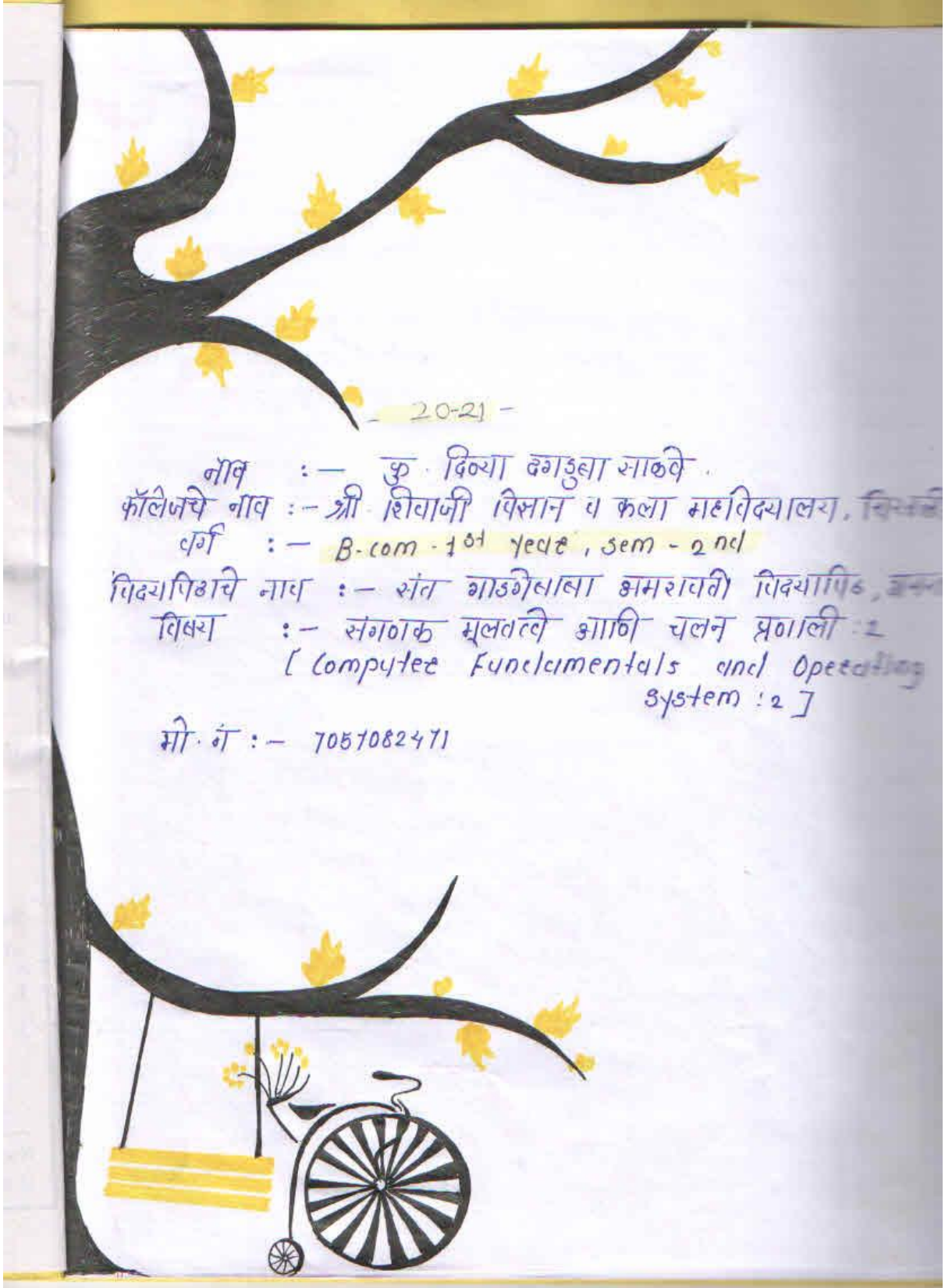
**Signature of the Teacher**  
who guide / taught the Examinee.

1. Dr. S. N. Gawde

2. \_\_\_\_\_

  
**HOD**  
Dept. Of Commerce,  
Shri Shivaji Science &  
Art's College, Chikhli

Note: In absence of certificate for Assignment / Project Report / Practical Book examinee shall not be allowed to appear for the examination.



iv) ज्या वेळस कुतीला स्मृतीची गरज नसेल किंवा कुतीची कार्यवाही बंद झाली असेल तेव्हा स्मृतीची विभागणी बंद करणे .

• CPU / Processor Management / प्रोसेसरचे व्यवस्थापन :-

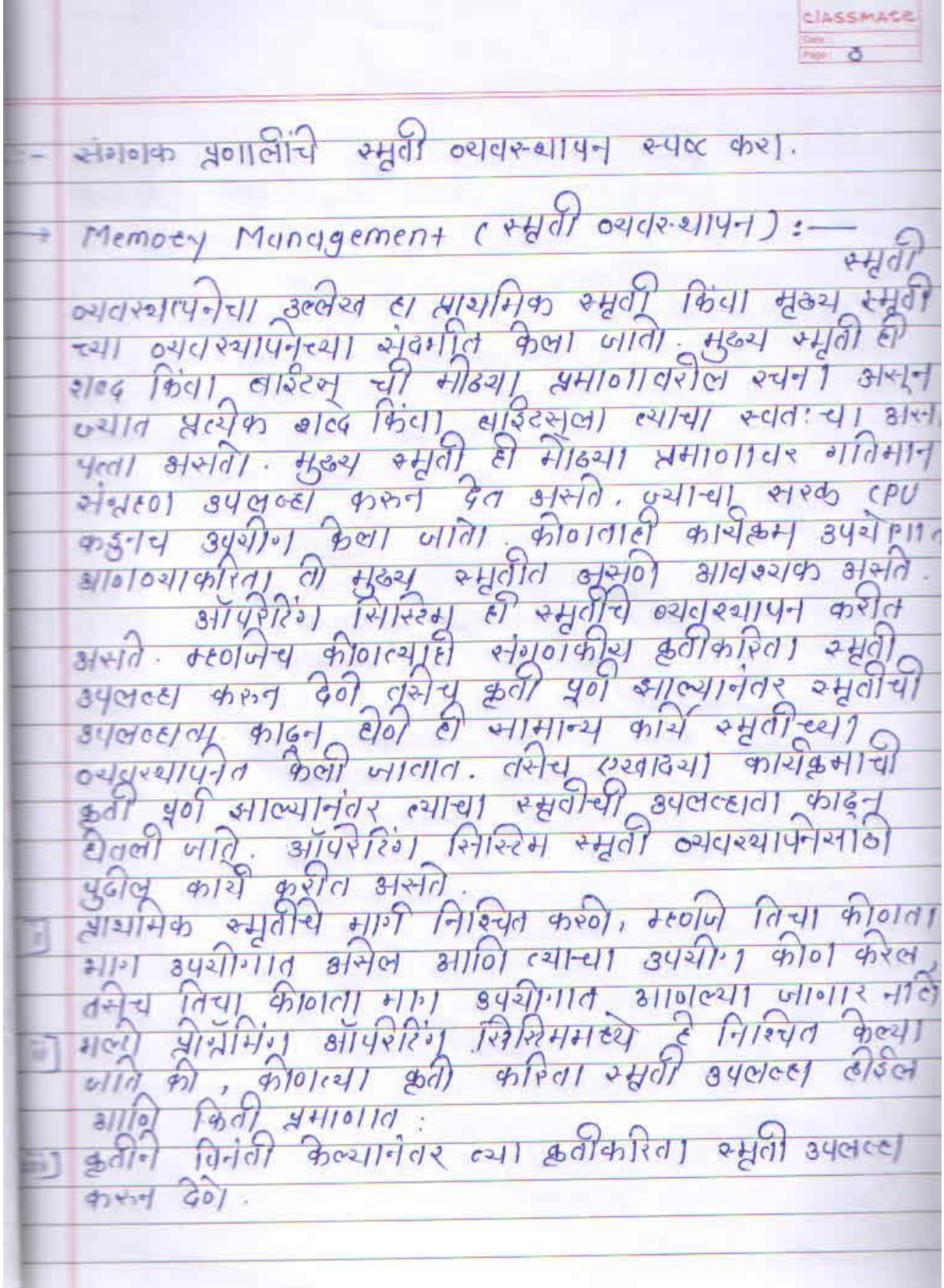
CPU एका वेळस फक्त एकच कार्य करीत असतो. जर सीपीयुसाठी अनेक कार्ये असतील, म्हणजेच मल्टीप्रोग्रॅमिंग वातावरण ऑपरेटिंग सिस्टिम हे निश्चित करते की कोणत्या कुतीकरिता प्रोसेसर वापरण्यात यावा, तीही किती वेळाकरिता. ह्या क्रियेला 'प्रक्रिया वेळापत्रक' असे म्हणतात. ऑपरेटिंग सिस्टिम प्रोसेसरच्या व्यवस्थापनेसाठी खालील कार्ये करते :

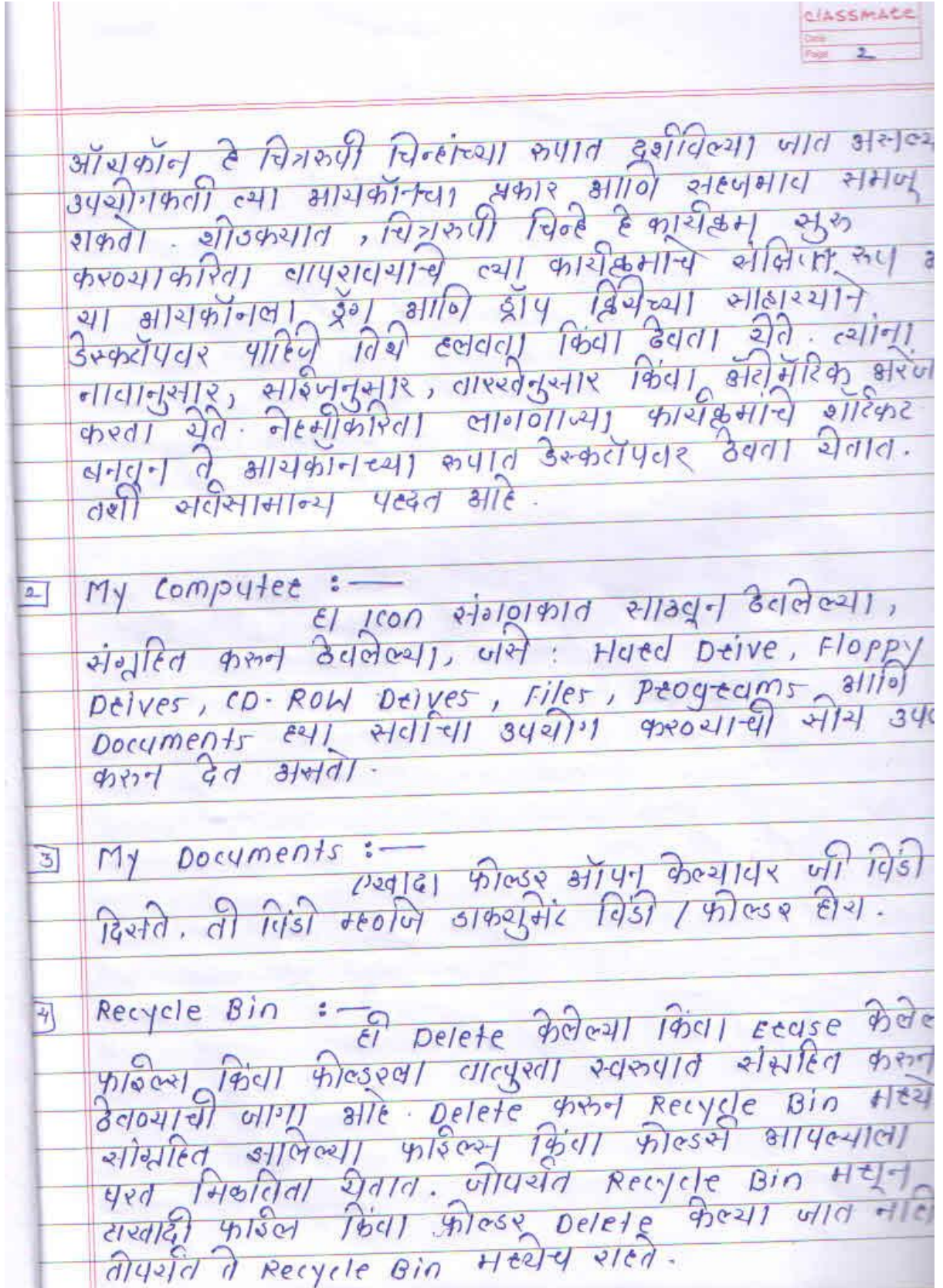
- प्रोसेसरचा मार्ग आणि प्रक्रियेची स्थिती निश्चित करणे. ह्या कार्याकरिता जबाबदार असलेल्या संगणकाच्या आसावलीत ट्रॅफिक कंट्रोलर ह्या नावाने ओळखले जाते.
- कुती साठी प्रोसेसर ची विभागणी करणे देणे.
- ज्या वेळस प्रोसेसरची आवश्यकता नसेल तेव्हा प्रोसेसरची विभागणी बंद करणे.

• File Management / फाइल व्यवस्थापन :-

संगणकात फाइल प्रणाली ही सामान्यपणे डिस्करीच्या स्वरूपात सुसंघटित केलेली असणे गरजेचे असते. ह्या सहजतेने मार्गदर्शन करताल आणि त्यांच्या सहजतेने उपयोग करता येईल. फाइल व्यवस्थापनेसाठी ऑपरेटिंग सिस्टिम खालील कार्ये करील असते :

- माहिती, रचणू, जागा, उपयोग, स्थिती इत्यादी बाबतीत मार्ग निश्चित करणे. ह्या सर्वांच्या एकत्रित सोयी, सुविधांना 'फाइल प्रणाली' असे म्हणतात.





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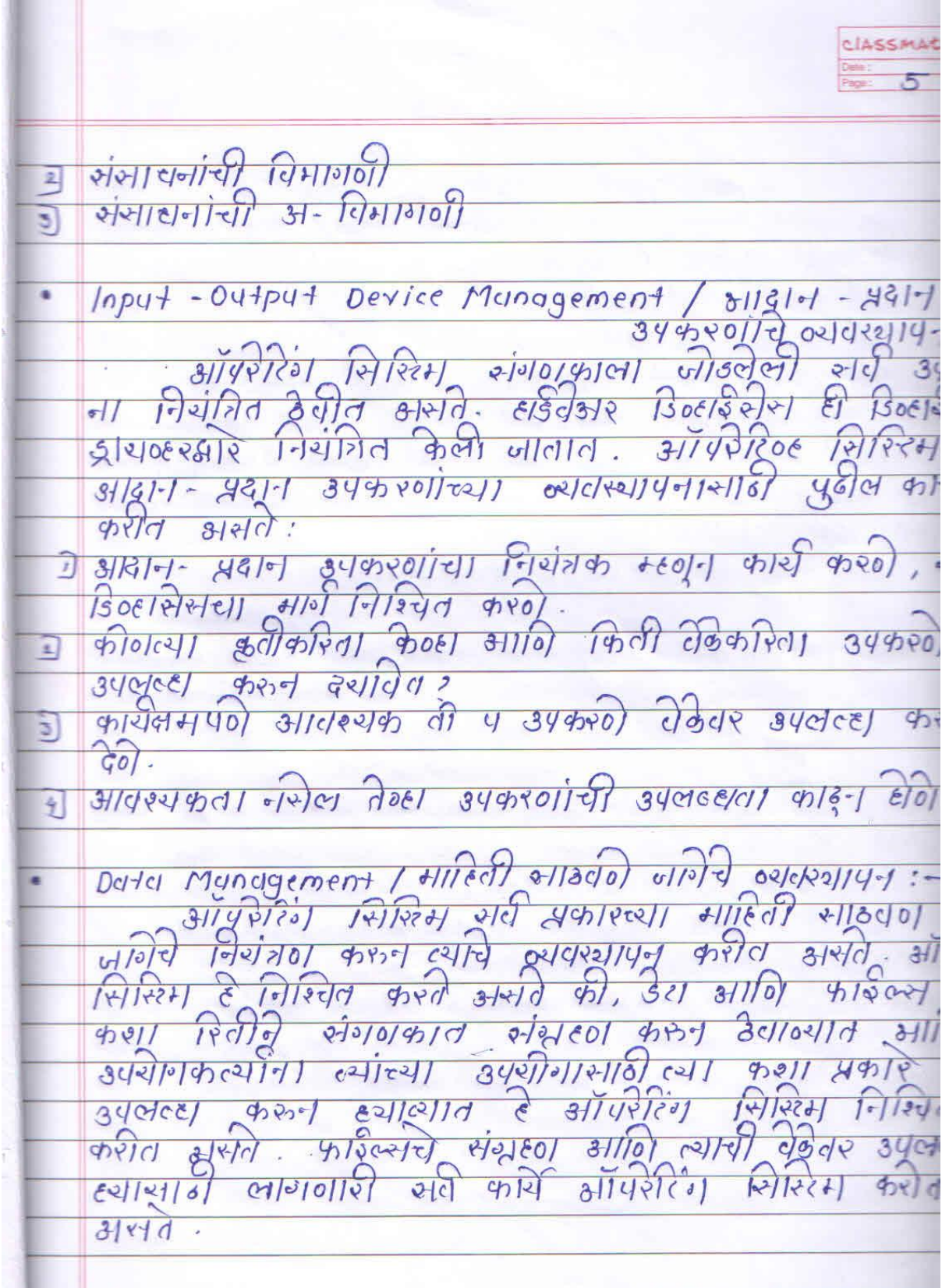
1 शीठकथात समजावून सांगा

1] उस्कटॉप :-  
 उस्कटॉप हा विंडोजचा महत्त्वाचा घटक आहे. संगणकाक सुरु झाल्यानंतर स्क्रीनवर जी चोकर दिसते, विंडोज उस्कटॉप असे म्हणतात. ह्याच उस्कटॉपला 'ग्राफिकल युजर इंटरफेस' असे देखील म्हणतात. उस्कटॉप हा विंडोजला स्यामिक चोहरमीटरा म्हणून वापरला जातो. उस्कटॉपवर प्रामुख्याने विविध चित्ररूपी चिन्हे, टास्क बार, रिकामी रागा इत्यादी घटक दिसतात. विंडोज 7 उस्कटॉपला आपण आपल्या आवश्यकतेनुसार विविध कार्ये करू शकतो. उस्कटॉपचा चोहरमीटराही आपल्याला बदलविता येतो. विंडोज 7 उस्कटॉपची रचना पुढील आकृतीमध्ये दर्शविल्या प्रमाणे असते.

उस्कटॉपच्या विविध प्रमुख घटकांचिलयीची माहिती पुढीलप्रमाणे -

- चित्ररूपी चिन्हे :- स्क्रीनवरील विषयवस्तूचे चित्ररूपी चिन्हेत प्रदर्शन करण्याकरिता ज्या चित्रांचा उपयोग केला जातो, त्यांना Icons असे म्हणतात. विंडोज 7 मध्ये Computer and Recycle Bin हे दोन चित्ररूपी चिन्हे सर्वासाधारण नेहमीचे असून ते विंडोज ह्या चलन प्रणालीचे आवश्यक घटक आहेत. ह्या व्यतिरिक्त उपयोगकर्ता आपल्या आवश्यकतेनुसार विविध कार्यक्रमांचे चित्ररूपी चिन्हे उस्कटॉपवर तयार करू शकतो किंवा नको असलेले चित्ररूपी चिन्हे काढून टाकू शकतो. प्रत्येक चित्ररूपी चिन्हे हे विविध कार्यक्रम दर्शविल्यासठी उपयोगात आणले जाते.

चित्ररूपी चिन्हांच्या सहाय्याने कमीत कमी वेळात कार्यक्रमाची निवड करता येते. ती कार्यक्रमा सुरु करता येतो.



:- एम एम पॉवरपॉइंटमध्ये सादरीकरण तयार आणि जतन करायच्या प्रक्रियेतचे स्पष्टीकरण द्या.

1) पॉवर पॉइंटमध्ये स्लाईड बनविणे : (Creating v Slide :-

पॉवर पॉइंट कार्यक्रम चालू झाल्यानंतर उपयोगकर्त्याला पॉवर पॉइंटकडून सादरीकरणाची एक कॉपी तयार करून मिळते. टायटल बारवर या कॉपीचे सादरीकरण व असे नाव दिसते. स्क्रीनवर कॅपचरमधील पहिली स्लाईड पॉवर पॉइंटकडून तयार करून दिली जाते. या स्लाईडला शीर्षक स्लाईड (Title Slide) असे म्हणतात. शीर्षक स्लाईडप्रमाणेच उपयोगकर्त्याला स्लाईडचे इतरही नमुने वापरता येतात. त्यासाठी खालील दोन पर्याय उपलब्ध आहेत:

त्यासाठी हेम टॅबमधील स्लाईड या आराखेचातील Layout या पर्यायावर क्लिक केल्यास स्लाईडचे विविध Layouts मिळतात. त्यातील योग्य त्या लेआउटवर क्लिक केल्यास स्लाईडचा तो लेआउट सादरीकरण कॅपचरमधील स्क्रीनवर दिसतो. उपयोगकर्ता ज्या प्रकारची स्लाईड लेआउट निवडतो. त्याप्रमाणे स्लाईड डिझाइन करावी लागते.

• नमुन्यांमाथे सादरीकरण तयार करणे / Creating v Presentation with v Template :-

• पॉवर पॉइंट विंडी ओपन करा.

• पॉवर पॉइंट विंडीमधील ऑफिस बटनवर क्लिक करा. डॉप डाऊन मेनू उघडलेला दिलेला.

• न्यू ऑफिस क्लिक करा. न्यू ऑफिस टायलिंग लॉकस उघडलेला दिसतो.

• टायलिंग लॉकसच्या डावीकडील भागात विविध नमुन्यांची यादी दिलेली. त्यातील त्या पर्यायावर माऊस पॉइंटर नेल्यास त्या नमुन्याचा आराखा स्क्रीनवरच्या मध्यवर्ती भागात दर्शविला जातो. उपयोगकर्त्याला वाटल्यास उपयोगकर्ता अनेक नवीन नमुने नेव्हरन डाऊनलोड सुद्धा करून घेवू शकतो.



- त्यातील दस्तऐवजात ह्या असलेल्या चित्रावर दोनदा क्लिक करावे.
- दस्तऐवजात ज्या ठिकाणी कर्सर असेल, तेथे ते चित्र निविष्ट आल्याचे दिसून येईल. क्लिप आर्टिमध्ये पुढीलप्रमाणे पर्याय दिलेले आहेत.

३) Pictures : —

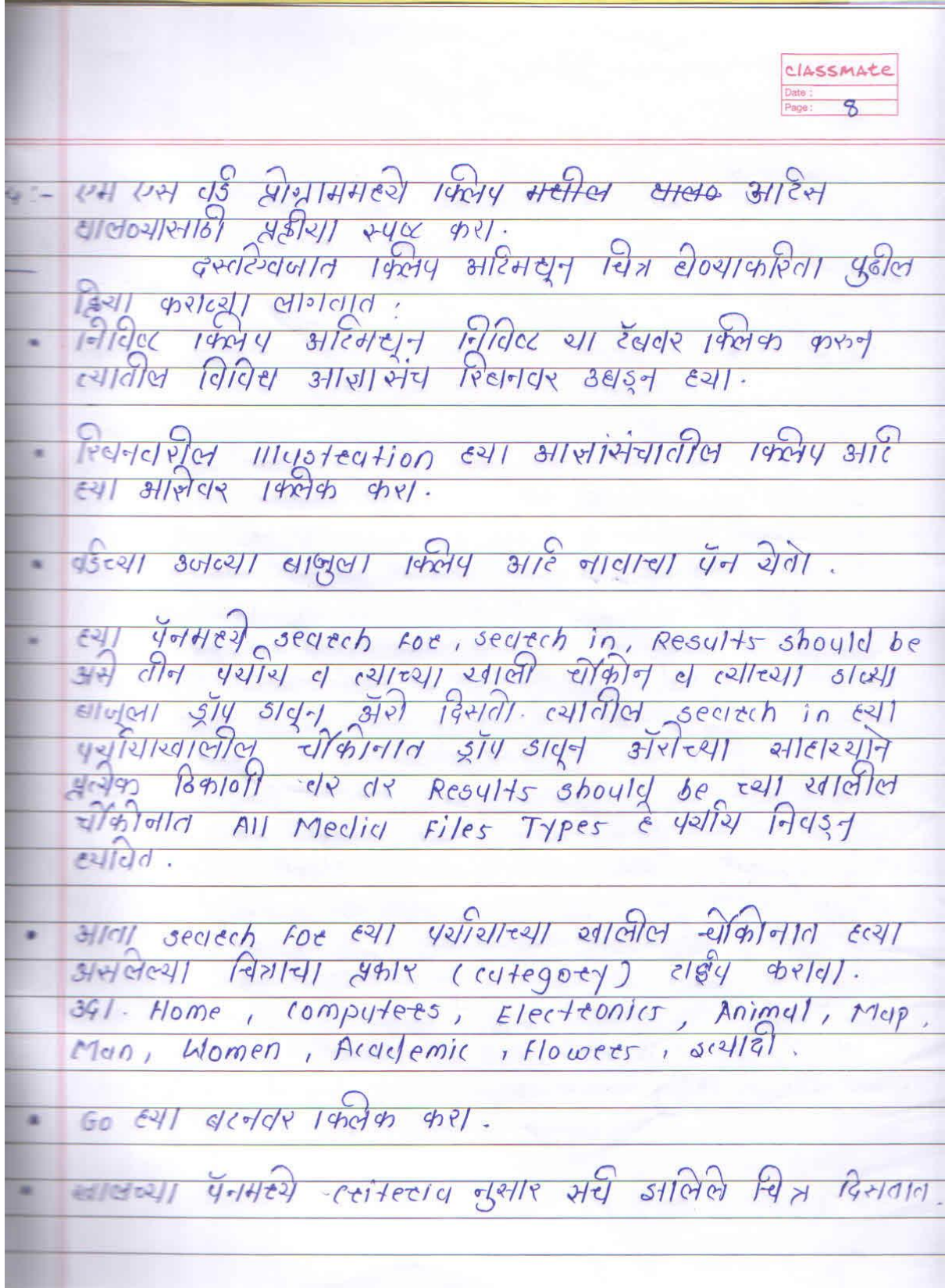
या पर्यायात काही चित्रे pictures दिलेली आहेत. ते चित्र कोणत्या प्रकारचा आशय स्पष्ट करते हे त्या चित्राच्या डाव्या बाजूला असणाऱ्या चिन्हावर माऊस पॉइंटर नेल्यास समजते. उदा. प्राणी या मूळ पर्यायी चित्राच्या अंतर्गत प्राण्यांची चित्रे दिलेली असतात. त्यातील मूळ चित्रावर दोनदा क्लिक केल्यास ते चित्र दस्तऐवजात ज्या ठिकाणी कर्सर असेल, त्या ठिकाणी पेस्ट होते.

४) Sounds : —

संगणकात Multimedia kit उपलब्ध असल्यास या पर्यायाच्या मदतीने काही Audio files दस्तऐवजात होता येतात.

५) Motion clips : —

संगणकात Multimedia kit उपलब्ध असल्यास या पर्यायाच्या मदतीने Animated व Sound एकत्र असलेल्या Motion clips दस्तऐवजात निविष्ट करता येतात.



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मेट्रोपॉलिटन एरिया नेटवर्क : MAN : —

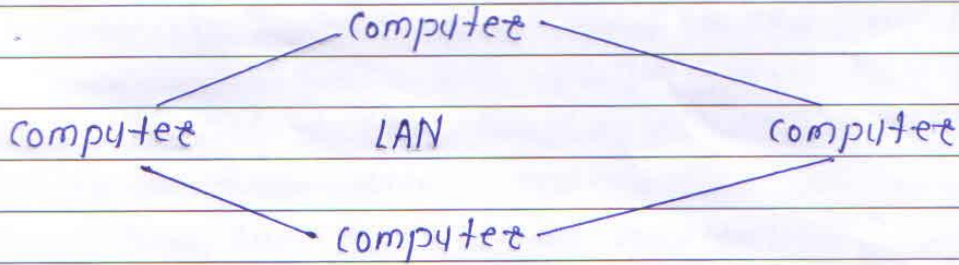
परंतु MAN पेक्षा लहान असते. MAN चा वापर साधारणतः एका शहरापुरता केला जातो. MAN यंत्रणा साधारणतः 10 ते 15 किलोमीटरपर्यंत वापरतात. MAN मध्ये वापरले जाणारे तंत्रसामान्ये LAN सांख्येच असते. केवळ टेलिव्हिजन हे MAN चे उत्कृष्ट उदाहरण होय.

MAN हे LAN पेक्षा मोठे

— खालील नेटवर्क प्रकार स्पष्ट करा.

1] लोकल एरिया नेटवर्क : LAN : —

या प्रकारच्या नेटवर्कमध्ये एका इमारतीतील संगणक हे एकमेकांशी केवळसधारे जोडले जातात. LAN चा आकार लहान असून याचा वापर मर्यादित क्षेत्रापुरता आहे. LAN मध्ये शेकडो संगणकांचा समावेश असू शकतो. LAN मध्ये माहितीचे हस्तांतरण फक्त केवळसधारे केले जाते. LAN चा वापर प्रामुख्याने मध्यम आकाराची व्यावसायिक कार्यालये, लंक शाखा, एल.आय.सी. शाखा, शैक्षणिक कार्यालये तसेच शैक्षणिक संगणक प्रयोगशाळा केले जाते.



2] वाईड एरिया नेटवर्क : WAN : —

WAN चे जाळे एका राज्यात एका देशात किंवा आंतरराष्ट्रीय पसरलेले असू शकते. संपूर्ण जगातील संगणक ज्या वेळीच विशिष्ट तंत्रज्ञानाचा अवलंब करून एकमेकांशी जोडल्या जातात. तेव्हा त्याला WAN असे म्हणतात. अनेक LANs ने WAN तयार होत असतो. WAN साठी विशिष्ट तंत्रज्ञानाचा अवलंब केला जातो. हे नेटवर्क LAN आणि MAN पेक्षा अधिक क्लेब आणि संवेदनशील आहे. ह्यासाठी लागणारे तंत्रज्ञानही महान आहे. इंटरनेट हे WAN हे उत्कृष्ट उदाहरण देता येईल.

- तुम्हाला योग्य असणाऱ्या स्लाइडवर क्लिक करा.
- निवडलेली, क्लिक केलेली स्लाइड विडिओच्या कार्यक्षेत्रात समाविष्ट झालेली पिर्यून येते.

3) सादरीकरण फाइल संग्रहित करून ठेवणे (Saving the presentation)  
सादरीकरण फाइल कठीण थाकीवर संग्रहित करून ठेवण्याची पद्धती ही इतर कार्यक्रमाप्रमाणेच आहे. सादरीकरण फाइल तयार झाल्यानंतर ऑफिस बटनवर क्लिक केल्यास ड्राय डाऊन लिस्ट मधील save ह्या पर्यायावर क्लिक किंवा save वरची सेवाच चॅकट पिसते.

या संवाद चौकटीत फाइल सेव्ह करण्याकरिता

Libraries - Document हा फील्डर By Defवपात कार्यरत असतो, म्हणजे By Defवपात ही प्रेझेंटेशन फाइल Libraries मधील Document ह्या फोल्डरमध्ये सेव्ह होते. उपयोगकर्त्याला त्यात बदल करून ही फाइल अन्यत्रही संग्रहित करून ठेवता येते. तसेच फाइल नेम ह्या नावासमोरील चौकटीत presentation हे नाव By Defवपात निवडलेले दिसते. उपयोगकर्त्याला presentation ह्या नावाऐवजी दुसऱ्या नावाने ही फाइल संग्रहित करून ठेवायची असल्यास presentation च्या जागीवर फाइलचे नाव टाईप करून सेव्ह ह्या बटनावर क्लिक केल्यास ती फाइल त्या नावाने रक्षित राखी कठीण थाकीवर संग्रहित केली जाते.

तसेच त्याचिच खाली असलेल्या save वर हा पर्याय वापरून चालू फाइलमधील सेव्ह मॅट्टर दुसऱ्या नावाने कॉपी करता येते.

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

CLASSMATE  
Date :  
Page : 12

तसेच जलद वाट देणाऱ्या पहीवरील ( Quick Access Bure) सेव ( save) ह्या पर्यायावर क्लिक करून सुद्धा फाइल कोठीत राखीव संवहित करून ठेवता येते. तसेच साफरीकरण फाइल फ्लोपी डिस्कवर, सीडी किंवा डी. व्ही. डी वर सुद्धा संवहित करून ठेवता येते. ह्यासाठी सेव इन ( save in) च्या समोरील चौकीनात ज्या ड्राइव्हर ही साफरीकरण फाइल कोठल्या नावाने देणे आवश्यक असते तसेच ती फाइल कोठल्या नावाने व कोठल्या प्रकारात संवहित करून ठेवायची आहे ते सुद्धा देणे आवश्यक असते.



*Dr. Omraj S. Deshmukh*

Dr. Omraj S. Deshmukh

Principal

Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

**Unit-Test**  
**for**  
**Internal Assessment**  
**Computer Science (Sample)**  
**Online Mode- Google Form**  
**Paper: Advance C & Web Technology [MCQ]**  
**Subject: Computer Science**  
**Class: B.Sc.-I Sem-II**  
**Date: 27/07/2021**  
**Time: 10.00 AM to 11.00 AM**  
**Link - <https://forms.gle/S4StE1xfbs5J8drZA>**

## ScreenShot of Unit Test

### Computer Science

The screenshot shows a Google Forms interface for a unit test. The form title is "Shri Shivaji Science And Arts College, Chikhli Dist. Buldana Paper: Advance C & Web Technology [MCQ] Subject: Computer Science Class: B.Sc.-I Sem-II". The date is 27/07/2021 and the time is 10:00 AM to 11:00 AM. The user is logged in as sonalig.15@gmail.com. The form includes a required email field and a required name field. The first question is: "1. Which of the following is a correct format for declaration of function? \* 1 point". The Windows taskbar at the bottom shows the search bar, task view, and various application icons, along with system tray information including temperature (24°C), time (11:52), and date (02-02-2022).

MCQ Test Of Advance C & Web Technology | Shri Shivaji Science And Arts College

docs.google.com/forms/d/e/1FAIpQLSd76Mv5uuKfLlp5pzmUw4Vj\_wxmML0keH11vVgEdKKgBG0dCQ/viewform

Shri Shivaji Science And Arts College,  
Chikhli Dist. Buldana Paper: Advance C &  
Web Technology [MCQ] Subject:  
Computer Science Class: B.Sc.-I Sem-II

Date: 27/07/2021  
Time : 10.00 AM to 11.00 AM

sonalig.15@gmail.com [Switch account](#)

\* Required

Email \*

Your email

Name: \*

Your answer

1. Which of the following is a correct format for declaration of function? \* 1 point

Type here to search

24°C 11:52 02-02-2022



# Criterion – I- Curricular Aspects [QIM – 1.1.2]

## SHRI SHIVAJI SCIENCE AND ARTS COLLEGE CHIKHALI DIST.BULDANA Paper: Advance C & Web Technology [MCQ] Subject: Computer Science Class: B.Sc.-I Sem:- II

**Date: 27/07/2021**  
**Time : 10.00 AM to 11.00 AM**

MCQ Test Of Advance C & Web Technology for B.Sc. I st year (Responses) - Excel

File Home Insert Page Layout Formulas Data Review View Help Tell me what you want to do

Clipboard Font Alignment Number Styles Cells Editing

Same data type

Timestamp	Email Address	Score	Name:	1. Which of the followin	2. The value	3. Which among the giv	4. Which amon	5. Which funct	6. The	7. What is the right way	8. Array can be con
7-27-2021 10:10:17	shubhamjogadande8@gmail.com	21 / 30	Shubham yadavrav jogdani	all of the mentioned	return	int strncmp(ch, s, n)	strcpy()	strncat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same scope
7-27-2021 10:13:43	KARANGAWAI2002@GM	29 / 30	Karan Pandit Gawai	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:17:19	ritugite2020@gmail.com	28 / 30	Ritu gajanan gite	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:18:37	pnilu4228@gmail.com	29 / 30	Nilesh Ganesh Gaikwad	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:18:38	pgsajare2000@gmail.com	29 / 30	Pooja Gajanana Sajare	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:18:49	rajaxmighadyale1190@gm	24 / 30	Rajaxmi Pravin Ghadyale	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:19:11	shafaatalikhan43@gmail.c	30 / 30	Shafat Ali khan parvez Ali	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:19:42	shreyash905@gmail.com	25 / 30	Shreyash Bhaskar Rudrak	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:21:10	abnimbalkar80@gmail.com	27 / 30	Abhijeet Bhagwan Nimbalk	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:21:40	gholapritesh7@gmail.com	30 / 30	Ritesh Damodhar Gholap	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:22:19	deshmukh240203@gmail.i	29 / 30	Shradhdha Ravindrasing	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:24:38	shaikhrehan081202@gma	30 / 30	Shaikh Rehan Shaikh Nab	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:25:21	bhisepooja044@gmail.com	27 / 30	Pooja Arun Bhise	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:25:29	premjain538@gmail.com	28 / 30	Premkumar ashokkumar je	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:26:49	shubhamjogadande8@gmail	30 / 30	Shubham yadavrav jogdani	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:27:08	sjadhav902201@gmail.com	27 / 30	Suvarna sugadev Jadhav	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:30:17	shaleshaom@gmail.com	20 / 30	Om Ravindra Shalesha	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:30:59	roshanikalkonde23@gmail	23 / 30	Roshani Anil Kalkonde	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:31:25	vaibhavsuradkar2221@gr	27 / 30	Vaibhav santosh Suradkar	return-type function-name	static	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:34:08	janhvitakwale2003@gmail.	25 / 30	Janhvi Gajanan Takwale	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type
7-27-2021 10:34:10	vaishnuwagh002@gmail.c	25 / 30	Vaishnavi sonaji wagh	return-type function-name	return	int strncmp(ch, s, n)	memcpy()	strcat()	strlen()	int num[6] = { 2, 4, 12, 5, ...}	Same data type

Form Responses 1

Ready Type here to search 23°C 17:18 30-01-2022

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### Internal Assessment Marks

#### Department of Chemistry

Shri Shivaji Science and Arts College, Chikhali  
B. Sc. - III Year (Sem- VI)  
Internal Marks record (Summer 2020-21)

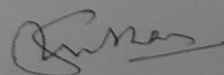
Sr No.	Roll No	Name of Students	Unit Test	Assignment	Project	Total
1	77547	Aadesh Vishnu Jadhao	7	4	6	17
2	77549	Afrin Faruque Patel	7	4	6	17
3	77551	Ajay Sanjay Joshi	5	4	6	15
4	77552	Akanksha Shriram Dandade	5	4	6	15
5	77554	Akash Santosh Dongare	7	4	6	17
6	77556	Amol Mohan Gawai	7	4	6	17
7	77558	Anjali Rajubhau Akkar	5	4	6	15
8	77560	Ankita Parmeshwar Gaikwad	10	4	6	20
9	77562	Ankush Parmeshwar Gaikwad	7	4	6	17
10	77563	Ankush Sahebrao Bhagat	5	4	6	15
11	77564	Arti Shivaji Pawar	7	4	6	17
12	77565	Ashish Vinayak Khakare	7	4	6	17
13	77566	Ashutosh Vasantrao Zalte	7	4	6	17
14	77567	Ashvini Parmeshwar Dukre	5	4	6	15
15	77568	Ashvini Punjaji Kanhe	0	4	6	10
16	77569	Ashwini Dattatray Khandagale	5	4	6	15
17	77570	Ashvini Manikrao Solanki	5	4	6	15
18	77577	Bhagyashri Subhash Bhagat	5	4	6	15
19	77579	Chhaya Ganesh Chinchole	0	4	6	10
20	77581	Devashri Shridhar Thoke	5	4	6	15
21	77582	Diksha Milind Jadhao	5	4	6	15
22	77584	Dipali Jagannath Jaybhaye	5	4	6	15
23	77585	Dipali Kishor Deshmane	5	4	6	15
24	77586	Divya Gajanan Deshmukh	7	4	6	17
25	77589	Gayatree RAJIV PATIL	7	4	6	17
26	77590	Gayatree Dilip Padghan	5	4	6	15
27	77591	Gopal Suresh Pathade	7	4	6	17
28	77592	Harshada Kaduba Ghule	7	4	6	17
29	77593	Hrushikesh Kisan Ambhore	7	4	6	17
30	77594	Jaya Shivnarayan Pawar	5	4	6	15
31	77595	Jayshri Santosh Ade	10	4	6	20
32	77596	Kalyani Rajesh Halkare	5	4	6	15
33	77597	Kanchan Bharat Pawar	7	4	6	17
34	77598	Kanchan Prakash Sapkal	5	4	6	15
35	77599	Kanchan Suresh Ghewande	7	4	6	17
36	77602	Kiran Pandurang Nemane	5	4	6	15
37	77603	Kiran Prakash Tupkar	5	4	6	15
38	77604	Kiran Suresh Tayade	7	4	6	17
39	77606	Komal Panjabrao Mapari	7	4	6	17
40	77608	Mayuri Devendra Bhusari	5	4	6	15
41	77609	Mayuri Vijay Jawanjal	5	4	6	15
42	77610	Muskan Husen Hiriwale	7	4	6	17

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

43	77612	Neha Vasant Dalimkar	5	4	6	15
44	77613	Pallavi Namdev Gadekar	5	4	6	15
45	77614	Pallavi Ramdas Mapari	7	4	6	17
46		Pallavi Sardarsingh Ingle				
47	77615	Pallavi Sunil Thutte	5	4	6	15
48	77616	Pooja Bharat Jadhav	5	4	6	15
49	77617	Puja Gajanan Patne	7	4	6	17
50	77618	Pooja Sanjay Marode	7	4	6	17
51	77619	Pragati Janardhan Saraf	7	4	6	17
52	77620	Pratiksha Shankar Petkar	7	4	6	17
53	77621	Priyanka Rajendra Awachar	5	4	6	15
54	77622	Priyanka Sanjay More	7	4	6	17
55	77623	Rashmi Subhash Sapkal	7	4	6	17
56	77624	Renuka Dagadu Yendole	5	4	6	15
57	77625	Rupali Manojkumar Wajay	5	4	6	15
58	77626	Rutuja Tarkeshwar Deokar	7	4	6	17
59	77627	Sadaf Aqsa Arif Deshmukh	7	4	6	17
60	77628	Sakshi Dipak Hiwale	5	4	6	15
61	77629	Shabnam Bi Sheikh Mobeen Shaikh	5	4	6	15
62	77630	Shital Tejrao Jadhav	7	4	6	17
63	77631	Shital Vitthal Ingle	7	4	6	17
64	77632	Shivani Madan Ghuge	7	4	6	17
65	77633	Shivani Nivrutti Gadekar	5	4	6	15
66	77634	Shivani Vijay Gher	0	4	6	10
67	77635	Shivani Vilas Yendole	5	4	6	15
68	77636	Shubhangi Vijay Thutte	5	4	6	15
69	77637	Sushmita Dhondu Waghmare	0	4	6	10
70	77638	Swati Vijay Satpute	7	4	6	17
71	77639	Vaishali Manohar Jadhao	0	4	6	10
72	77641	Vaishnavi Gajanan Theng	5	4	6	15
73	77642	Vaishnavi Laxmikant Sapkal	5	4	6	15
74	77643	Vaishnavi Rajesh Fulzade	5	4	6	15
75	77645	Vaishnavi Ravindra Rane	7	4	6	17
76	77646	Vaishnavi Vinod Patil	5	4	6	15
77	77647	Vidhya Sheshrao Ghube	5	4	6	15
78	77649	Laukik Ashok Shirale	7	4	6	17
79	77650	Lokesh Harihar Morey	7	4	6	17
80	77654	Manisha Gopal Kumawat	5	4	6	15
81	77655	Meera Gajanan Sapte	5	4	6	15
82	77656	Namrata Gopalrao Deshmukh	5	4	6	15
83	77657	Nargis parveen Sayyed Sabir	7	4	6	17
84	77658	Naziya parveen AB Rafique Qureshi	7	4	6	17
85	77659	Neha Vijay Suradkar	7	4	6	17
86	77661	Nikita Prameshwar Wankhede	5	4	6	15
87	77662	Om Sanjay Suradkar	5	4	6	15
88	77663	Pallavi Gajanan Dhone	7	4	6	17
89	77664	Pallavi Shivaji Patil	7	4	6	17
90	77665	Pavan dnyaneshwar Dalimkar	7	4	6	17

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

91	77666	Pavan Shuddhodhan Ingle	7	4	6	17
92	77667	Pooja Premanand Bangale	7	4	6	17
93	77668	Pooja Santosh More	10	4	6	20
94	77669	Poonam Prasad Pawar	5	4	6	15
95	77672	Prasad Ravindra Narwade	5	4	6	15
96	77674	Pravin Rajendra Ingle	7	4	6	17
97	77678	Punam Vijay Khandagale	5	4	6	15
98	77679	Purushottam L. Mosambe	7	4	6	17
99	77680	Purva Vishvanath Sawale	7	4	6	17
100	77681	Radha Ravindra Dukare	5	4	6	15
101	77682	Ravindra Gulabrao Mosambe	7	4	6	17
102	77683	Renuka Shivaji Pawar	7	4	6	17
103	77684	Rupali Dnyaneshwar Gadekar	7	4	6	17
104	77685	Rushikesh Dilip Wagh	7	4	6	17
105	77686	Rushikesh Ramesh Gaikwad	7	4	6	17
106	77689	Sakshi Dnyaneshwar Dondal	7	4	6	17
107	77692	sanskriti Gajanan Gawai	5	4	6	15
108	77693	Satish Rameshwar Tayde	7	4	6	17
109	77695	Shamal Chandrakant Mehetre	5	4	6	15
110	77696	Shital Gajanan Kudke	5	4	6	15
111	77701	Shraddha Sunil Deshmukh	5	4	6	15
112	77703	Shubham Gajanan Wanjol	7	4	6	17
113	77704	Shubham Rajendra Karhade	7	4	6	17
114	77705	Shubham Sanjay Salok	7	4	6	17
115	77707	Shubham Vithoba Kharat	7	4	6	17
116	77708	Shubhangi Kailash Hiwale	7	4	6	17
117	77709	Shubhangi Shankar Chavhan	5	4	6	15
118	77711	Sneha sanjay Kalaskar	5	4	6	15
119	77713	Trupti Gajanan Mahale	7	4	6	17
120	77718	Vaishnavi Kailash Bundhe	7	4	6	17
121	77719	Vaishnavi Sopan Kalekar	5	4	6	15
122	77720	Vaishnavi Vilas Cheke	7	4	6	17
123	77721	Vidya Ashok Kharat	5	4	6	15
124	77722	Vinod Ramesh Wagh	7	4	6	17
125	77723	Vishakha Bhikaji Shete	5	4	6	15
126	77726	Vishnu Bhanudas Ugale	7	4	6	17
127	77588	Divya Vijay Hade	5	4	6	15



**Head**  
Dept. of Chemistry  
Shri Shivaji Science & Arts College  
Chikhli, Dist. Buldana (M.S.)



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### DEPARTMENT OF ELECTRONICS

308-Shri Shivaji Science, Arts College, CHIKHALI

SUBJECT WISE INTERNAL MARKS SUMMER 2021


B.Sc. PART-III (SEMESTER-VI) Summer 2021

ETC - 1 - ELECTRONICS ( INSTRUMENTATION)-S1 - I.A.(THEORY)

Max. Marks : 20

SNo	Roll No.	Student Name	Marks
1	77548	Aditi Narayan Rindhe	20
2	77555	Anil Eknath Chindre	20
3	77557	Anjali Kailas Pakhare	20
	77571	Ashwini Ramdas Thutte	20
5	77574	Ayodhya Dinkar Lahane	20
6	77576	Bhagyashri Siddehswar Morey	20
7	77580	Datta Rambhau Mundhe	20
8	77583	Dipali Bhimrao Wakode	20
9	77587	Divya Shivcharan Pawar	20
10	77601	Kiran Dattu Thutte	20
11	77605	Komal Kailas Ingle	20
12	77644	Ku Vaishnavi Rajeshwar Mahajan	20
13	77653	Mangesh Abhimanu Sonalkar	20
14	77660	Nikita Ashok Nighade	20
15	77670	Pragati Mukunda Tekale	20
16	77671	Prasad Bhagwan Aswar	20
17	77673	Prashant Bharat Wayal	20
18	77675	Priya Dilip Nimbore	20
19	77687	Sachin Madhusadan Kale	20
20	77688	Sahil Taufik Saudagar	20

SNo	Roll No.	Student Name	Marks
21	77691	Sanjana Kishor Rudraksh	20
22	77694	Sham Chhaburao Shitole	20
23	77697	Shital Rameshwar Ingale	20
24	77706	Shubham Shamrao Waghmare	20
25	77714	Vaibhav Ganesh Salunke	20
26	77715	Vaishnav Digambar Nikas	20
27	77716	Vaishnavi Dilip Pawar	20
28	77717	Vaishnavi Janardhan Theng	20
29	77724	Vishal Nimbaji Zagare	20
30	77725	Vishal Vishnu More	20
31	77727	Yogesh Pandurang Rasal	20

  
**HEAD,**  
Department of Electronics,  
Shri Shivaji Science & Arts College,  
CHIKHALI, Dist. Buldana



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
Shri Shivaji Sci. & Arts  
College, Chikhal, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

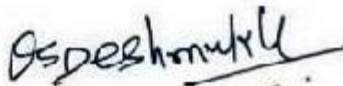
### DEPARTMENT OF MATHEMATICS

Consolidated Record Of Internal Assessment (Session: 2020-21)						
Name of the college : <b>Shri Shivaji Science &amp; Arts College, Chikhali.</b>			Class : <b>B.Sc. III (Sem VI)</b>			
Subject : <b>Mathematics (Summer 2021)</b>			Paper (With Title) : <b>Linear Algebra (XI)</b>			
Name Of The Teacher : <b>Mr. Sanjay Ambadas Salve</b>			Designation : <b>Asst. Professor</b>			
Sr. No.	Roll No.	Name of the Student	Assignment/ project assignment Max. Marks:5/4	Seminar/ Study Tour Max. Marks 3	Class Test Max. Marks: 10/08/06	Total Marks Max marks 15
1	77550	Sirsat Ajay Madan	4	3	8	15
2	77553	Dhamak Akash Damodhar	4	3	8	15
3	77557	Ku. Pakhare Anjali Kailas	4	3	8	15
4	77559	Ku. Salunke Ankita Bhagwat	4	3	8	15
5	77560	Ku. Gaikwad Ankita Parmeshwar	4	3	8	15
6	77561	Ku. Deshmukh Ankita Sanjay	4	3	8	15
7	77564	Ku. Pawar Arti Shivaji	4	3	8	15
8	77572	Ku. Rathod Ashwini Sanjay	4	3	8	15
9	77573	Ku. Changade Ashwini Vishnu	4	3	8	15
10	77575	Ku. Khatun Azimunisa Ansar	4	3	8	15
11	77577	Ku. Bhagat Bhagyashri Shubhash	4	3	8	15
12	77578	Ku. Theng Bhagyashri Subhash	4	3	8	15
13	77580	Mundhe Datta Rambhau	4	3	8	15
14	77583	Ku. Wakode Dipali Bhimrao	4	3	8	15
15	77587	Ku. Pawar Divya Shivcharan	4	3	8	15
16	77588	Ku. Hade Divya Vijay	4	3	8	15
17	77590	Ku. Padghan Gayatri Dilip	4	3	8	15
18	77591	Pathade Gopal Suresh	4	3	8	15
19	77593	Ambhore Hrushikesh Kisan	4	3	8	15
20	77600	Ku. Khurde Kanchan Suresh	4	3	8	15
21	77601	Ku. Thutte Kiran Dattu	4	3	8	15
22	77604	Ku. Tayde Kiran Suresh	4	3	8	15
23	77607	Ku. Sapkale Manasi Manohar	4	3	8	15

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

24	77611	Ku. Deshmukh Neha Sureshraj	4	3	8	15
25	77640	Ku. Bakal Vishnavi Bharat	4	3	8	15
26	77648	Ku. Paithankar Vishakha Dattatray	4	3	absent	7
27	77651	Ku. Bharad Madhuri Gajanan	4	3	8	15
28	77652	Ku. Gawate Madhuri Thiraji	4	3	8	15
29	77653	Sonalkar Mangesh Abhimanu	4	3	8	15
30	77655	Ku. Sapte Meera Gajanan	4	3	8	15
31	77656	Ku. Deshmukh Namrata Gopalrao	4	3	8	15
32	77657	Ku. Sayyed Nargis Parveen Sabir	4	3	8	15
33	77658	Ku. Abdul Naziya Parveen Rafique Qamar	4	3	8	15
34	77663	Ku. Dhone Pallavi Gajanan	4	3	absent	7
35	77664	Ku. Patil Pallavi Shivaji	4	3	8	15
36	77665	Dalimkar Pavan Dnyaneshwar	4	3	8	15
37	77666	Ingle Pavan Shuddhodhan	4	3	8	15
38	77667	Ku. Bangale Pooja Premanand	4	3	8	15
39	77670	Ku. Tekale Pragati Mukunda	4	3	8	15
40	77673	Wayal Prashant Bharat	4	3	8	15
41	77676	Ku. Giri Priyanka Motigir	4	3	8	15
42	77677	Ku. Cheke Punam Tryambak	4	3	8	15
43	77679	Mosambe Purushottam Laxman	4	3	8	15
44	77682	Mosambe Ravindra Gulabrao	4	3	8	15
45	77683	Ku. Pawar Renuka Shivaji	4	3	8	15
46	77684	Ku. Gadekar Rupali Dnyaneshwar	4	3	8	15
47	77688	Saudagar Sahil Taufik	4	3	8	15
48	77690	Parihar Sangramsing Ganeshsing	4	3	8	15
49	77691	Rudraksha Sanjana Kishor	4	3	8	15
50	77692	Ku. Gawai Sanskriti Rameshwar	4	3	absent	7
51	77694	Shitole Shyam Chhaburao	4	3	8	15
52	77697	Ku. Ingle Shital Rameshwar	4	3	8	15
53	77698	Ku. Lahane Shital Sanjay	4	3	8	15



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikhlī, Dist. Buldana**

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### Sant Gadge Baba Amravati University, Amravati

#### Record of Internal assessment Marks

(One assignment per theory paper)

Name of college: Shri Shivaji Science and arts College, Chikhli J.C.M - III

Name of Teacher: Dr. Huse V. B. & Dr. Nalle P. B.

Subject-35 Physics Winter- 2020

B.S.C.U

Sr. No.	Roll Number	Name of Student	Theory/Project Assignment Max. Marks:04	Seminar/Study Tour Max. Marks:06	Class Test Max. Marks:10	Total Max.Marks:20
01	76695	Abhay S Zanke	4	6	10	20
02	76696	Abhijeet K More	4	6	10	20
03	76700	Akanksha K Jadhao	4	6	10	20
04	76701	Akash G Shinde	4	6	10	20
05	76703	Akash S Suradkar	4	6	10	20
06	76704	Akshada A Lokhande	4	6	7	17
07	76706	Anjali N Pawar	4	6	10	20
08	76707	Ankita K Gaikwad	4	6	10	20
09	76708	Apurva P Targe	4	6	10	20
10	76709	Arti R Pawar	4	6	10	20
11	76711	Ashwini A Padghan	4	6	10	20
12	76712	Ashwini P Gaikwad	4	6	10	20
13	76714	Ashwini S Wadekar	4	6	7	17
14	76715	Bharti G Wayal	4	6	10	20
15	76716	Bhavesh S Salve	4	6	5	15
16	76718	Deshant R Sadavarte	4	6	7	17
17	76719	Dhananjay N Surushe	4	6	10	20
18	76722	Dipti S Sadar	4	6	10	20
19	76723	Divya A Gavhale	4	6	10	20
20	76725	Divya G Vairale	4	6	10	20
21	76730	Gayatri R Hoge	4	6	10	20
22	76733	Gopal S Gadekar	4	6	10	20
23	76735	Hariom P Mhaske	4	6	10	20
24	76736	Harshal A Gavhale	4	6	10	20
25	76739	Janvhi R Gondhane	4	6	10	20
26	76740	Jaya V Salok	4	6	5	15
27	76745	Komal A Jadhao	4	6	10	20
28	76746	Komal S Padghan	4	6	10	20
29	76747	Komal S Wayal	4	6	10	20
30	76750	Krushna S Popalghat	4	6	10	20
31	76753	Madhuri P Shinde	4	6	10	20
32	76755	Mahesh A Nemane	4	6	10	20
33	76758	Manisha R Padghan	4	6	10	20





## Criterion – I- Curricular Aspects [QIM – 1.1.2]

34	76759	Mansi S Chunawale	4	6	10	20
35	76763	Naved Q Shaikh	4	6	10	20
36	76765	Nikita D Lahane	4	6	10	20
37	76766	Nilesh G Kenkar	4	AA	7	11
38	76767	Nilesh R Jadhao	4	6	10	20
39	76769	Pallavi R Misal	4	6	10	20
40	76770	Pallavi R Padghan	4	6	10	20
41	76774	Pragtee A Bhange	4	6	10	20
42	76775	Prajakta D Unhale	4	6	10	20
43	76776	Prajakta R Kale	4	6	10	20
44	76777	Prajwal D Khandare	4	6	10	20
45	76779	Pranali A Kharate	4	6	10	20
46	76784	Pratiksha P Pawar	4	6	10	20
47	76787	Priti K Ingle	4	6	10	20
48	76789	Priti S Gujar	4	6	10	20
49	76791	Priyanka P Telangre	4	6	10	20
50	76793	Priyanka V Rathod	A	A	5	5
51	76796	Rahul D Mosambe	4	6	10	20
52	76804	Rushikesh S Karvande	4	6	10	20
53	76805	Rushikesh S Pangole	4	6	10	20
54	76813	Sakshi S Ingle	4	AA	7	11
55	76816	Sanket S SHARMA	4	6	7	17
56	76819	Shital S AMBHORE	4	6	5	15
57	76822	Shivganga A Lokhande	4	6	10	20
58	76823	Shreyash V Borul	4	6	7	17
59	76824	Shubham R Kolhe	4	6	10	20
60	76827	Shubhangi K Bhosle	4	6	10	20
61	76828	Shubhangi V Jadhao	4	6	10	20
62	76833	Sujit G Gaikwad	4	6	7	17
63	76834	Suraj G Saste	4	6	10	20
64	76835	Surjeetsing P Rajput	4	6	10	20
65	76837	Swapnil A Dukare	4	6	10	20
66	76838	Tahreem M Shaikh	4	6	10	20
67	76840	Tejas P Patil	4	6	10	20
68	76841	Umang R Purohit	4	6	10	20
69	76842	Vaibhav D Gawai	4	6	10	20
70	76843	Vaibhav K Jadhav	4	6	10	20
71	76844	Vaibhav R Deshmukh	4	6	10	20
72	76845	Vaibhav R Gaikwad	4	6	10	20
73	76846	Vaibhav S Pawar	4	6	10	20
74	76852	Vaishnavi J Joshi	4	6	10	20
75	76853	Vaishnavi N Yeole	4	6	10	20

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

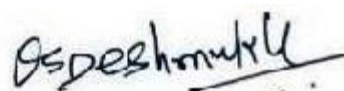
76	76854	Vaishnavi P Mapari	4	6	10	20
77	76856	Vaishnavi R Mhaske	4	6	10	20
78	76863	Varsha V Halde	4	6	5	15
79	76864	Vasudev P Ingle	4	6	7	17
80	76865	Vinayak A Sanap	4	6	10	20
81	76866	Vishakha P Dande	4	6	10	20
82	76867	Vitthal B Mujmule	4	6	10	20
83	76870	Yazdani R Sayyad	4	6	10	20
84	76861	Yogesh R Bodkhe	4	6	10	20

  
 V. B. Huse  
 Dr. Nalle P. B.   
 Signature of Teacher

  
 Principal  
 Principal  
 Shri Shivaji Sciences & Arts College  
 CHIKHLI Dist. Buldana

  
 Signature of H. O. D.  
 Head of Physics Department  
 Shri Shivaji Science & Arts Coll  
 CHIKHLI



  
 Dr. Omraj S. Deshmukh  
 Principal  
 Shri Shivaji Sci. & Arts  
 College. Chikhl, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### DEPARTMENT OF BOTANY

*Record of Internal Assessment Marks*

*(One Assignment per theory paper)*

*Name of the College: Shri Shivaji Science & Arts College Chikhli.*

*Subject: Botany Class: B.Sc. III (Sem- VI) Session –2020-21*

Sr. No.	Seat No.	Name of the Students	Assignment / Project Max. Marks:-04	Marks awarded		Total Max. Marks:-20
				Seminar/ Group discussion/ Study tour/ Industrial Visit/ Visit to educational Institutes/Research Organization/ field work etc. Marks - 06	Class - Test Marks. 10	
1.		Aadesh Vishnu Jadhao	00	00	08	08
2.		Afrin Faruque Patel	04	06	10	20
3.		Akash Santosh Dongare	04	06	10	20
4.		Amol Mohan Gawai	04	06	10	20
5.		Anjali Rajubhau Akkar	04	06	10	20
6.		Ankush Rameshwar Gaikwad	04	06	10	20
7.		Ankush Sahebrao Bhagat	04	06	10	20
8.		Ashutosh Vasantao Zalte	04	06	10	20
9.		Ashwini Datatray Khandagale	04	06	10	20
10.		Chhaya Ganesh Chinchole	04	06	08	18
11.		Devashri Shridhar Thoke	04	06	08	18
12.		Dipali Jagannath Jaybhaye	04	06	10	20
13.		Divya Gajanan Deshmukh	04	06	08	18
14.		Gayatree Rajiv Patil	04	06	10	20
15.		Jaya Shivnarayan Pawar	04	06	08	18
16.		Jayshri Santosh Ade	04	06	10	20
17.		Kalyani Rajesh Halkare	04	06	10	20
18.		Kanchan Suresh Ghewande	00	00	10	10
19.		Pallavi Ramdev Gadekar	04	06	10	20
20.		Pallavi Ramdas Mapari	04	06	10	20
21.		Pooja Sanjay Marode	04	06	10	20
22.		Pratiksha Shankar Petkar	04	06	10	20
23.		Priyanka Sanjay More	04	06	10	20
24.		Rashmi Subhash Sapkal	04	06	10	20
25.		Rupali Madhukar Wayal	04	06	10	20

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

26.	Sadaf Aqsa Arif Deshmukh	04	06	10	20
27.	Sakshi Dipak Hiwale	04	06	10	20
28.	Shaikh Shubnam Bi Sheikh Mobeen	04	06	10	20
29.	Shital Vitthal Ingle	04	06	10	20
30.	Shivani Nivrutti Gadekar	04	06	08	18
31.	Shivani Vijay Gher	04	06	08	18
32.	Shivani Vilas Yendole	04	06	08	18
33.	Shubhangi Vijay Thutte	04	06	10	20
34.	Sushmita Dhondu Waghmare	04	06	08	18
35.	Vaishali Manohar Jadhao	04	06	10	20
36.	Vaishnavi Gajanan Theng	04	06	10	20
37.	Vaishnavi Laxmikant Sapkal	04	06	08	18
38.	Vaishnavi Ravindra Rane	04	06	10	20
39.	Vaishnavi Vinod Patil	04	06	10	20
40.	Vidhya Sheshrao Ghube	04	06	10	20
41.	Manisha Gopal Kumawat	04	06	10	20
42.	Neha Vijay Surakdar	04	06	10	20
43.	Nikita Prameshwar Wankhede	00	00	08	08
44.	Pooja Santosh More	00	00	00	00
45.	Poonam Prasad Pawar	04	06	08	18
46.	Punam Vijay Khandagale	04	06	10	20
47.	Purva Vishvanath Sawale	04	06	10	20
48.	Radha Ravindra Dukare	04	06	08	18
49.	Rushikesh Ramesh Gaikwad	04	06	10	20
50.	Shraddha Sunil Deshmukh	04	06	10	20
51.	Shubham Rajendra Karhade	04	06	10	20
52.	Shubham Sanjay Salok	04	06	10	20
53.	Shubham Vithoba Kharat	04	06	10	20
54.	Vaishnavi Kailas Bundhe	04	06	10	20
55.	Vaishnavi Sopan Kalekar	04	06	10	20
56.	Vishnu Bhanudas Ugale	04	06	10	20

Name of the Teacher D.L. Garande

Head of the Department

Yashu  
H.K.A.P.

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Department of Botany  
Chikhti, Dist. Buldana



Dr. Omraj S. Deshmukh

**Dr. Omraj S. Deshmukh**  
**Principal**  
**Shri Shivaji Sci. & Arts**  
**College, Chikhti, Dist. Buldana**

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

Appendix-V

Sant Gadge Baba Amravati University, Amravati

Record of Internal Assessment Marks

(One Project/Seminar per theory paper) Session- Summer-21

Name of the College: Shri Shivaji Science & Arts College Chikhli.

Class: B.Sc.-II (Sem. IV)

Subject :- Zoology

Teacher: Dr. Vijayshree Hemke

Paper: ADVANCED GENETICS AND  
ANIMAL ECOLOGY

Sr. No.	Seat No.	Name of the Student	Marks awarded			Total Marks: 20
			Assignment /Project Assignment Max. Marks.04	Seminar/Group Discussion/Study tour/Industrial visit/ visit to educational Institutes/research organization /field work etc. Max. Marks.06	Class Tests Max. Marks: 10	
1		Ambhore Ashwini Sanjay	4	6	10	20
2		Ambhore Srushti Sanjay	4	6	10	20
3		Ambhore Vaishnavi Sheshrao	4	6	10	20
4		Bagwan Tamna parvin Ab Sadik	4	6	10	20
5		Bahekar Rushikesh Rajesh	4	6	10	20
6		Baig Miza Faiz Mirza Muqueem	4	6	10	20
7		Bansode Varsha Dnyaneshwar	4	6	10	20
8		Bhawar Gayatri Sudan	4	6	10	20
9		Bhutekar Kalyani Vijay	4	6	10	20
10		Chavan Sakshi Sunil	4	6	10	20
11		Chopda Sakshi Manish	4	6	10	20
12		Dande Gayatri Gajanan	4	6	10	20
13		Dawange Snehal Shrikrushna	4	6	10	20
14		Deshmukh Rutuja Bajirao	4	6	10	20
15		Dhanve Pankaj Sanjay	4	6	10	20
16		Gadekar Vaishnavi Arun	4	0	10	14
17		Gawargur Pranali Panajabrao	4	6	10	20
18		Gharpahune Priyanka Madhav	4	6	10	20
19		Ghyal Vaishnavi Dinkar,	0	0	10	10
20		Ingale Puja Sudhakar	4	6	10	20

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

21	Ingle Shubhamsingh Ramesh	0	6	10	16
22	Ingle Shweta Siddarth	4	6	10	20
23	Jadhao Ajay Sanjay	4	6	10	20
24	Jadhao Priti Kailas	4	6	10	20
25	Jadhav Partibha Shrikrushna	4	6	10	20
26	Joshi Janhavi Sakharam	4	6	10	20
27	Kamlik Dhanajay Ujalsigh	0	0	10	10
28	Kene Gauri Suresh	4	6	10	20
29	Khan Adeeba Firdous Afroz	4	6	10	20
30	Kharat Ashant Devrao	4	6	10	20
31	Khodke Neha Rajesh	4	6	10	20
32	Kute Vaishnavi Sudhakar	4	6	10	20
33	Lahase Vaishnavi Rajaram	4	6	10	20
34	Lambe Komal T.	4	6	10	20
35	Lanke Sakshi Prakash	4	6	10	20
36	Lokhande Rutuja Samadhan	4	6	10	20
37	Mangulkar Krushna Vishnu	4	6	7	17
38	Misal Priyanka Ramdas	4	6	10	20
39	Mohite Rushikesh Gajanan	4	6	10	20
40	Morey Dipak Vijaysingh	0	6	10	16
41	Pachpor Mitali Sanjay	4	6	10	20
42	Pakhare Shiva Ram	4	6	10	20
43	Parihar Gayatri Vitthal	0	0	10	10
44	Patil Renuka Bhojraj	4	6	10	20
45	Rindhe Pirti Rajendra	0	6	7	13
46	Salve Suvarna Ganesh	4	0	10	14
47	Sapkal JeevanRavindra	4	6	10	20
48	Shah Wasim Latif	4	6	10	20
49	Shaikh Saima Bee Mushtaque	4	6	10	20
50	Shaikh Saleha Anjum Rahim	4	6	10	20
51	Shejol Madhuri Rangnath	4	6	10	20
52	Shelke Pallavi Dinkar	4	6	10	20
53	Shelke Rucha Dnyaneshwar	4	6	10	20
54	Shitole Dnyaneshwar Subhas	4	6	10	20

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

55	Somase Renuka Rajendra	4	6	10	20
56	Sonone Ganesh Santosh	4	6	10	20
57	Surushe Manisha Dasharath	4	0	10	14
58	Surushe Puja Baliram	4	6	10	20
59	Tambekar Kanchan Kailas	4	6	10	20
60	Thutte Shital Sahebrao	4	6	10	20
61	Wankhade Nagesh Samadhan	4	6	10	20
62	Zalte Pratiksha Nandkishor	4	6	10	20
63	Zalte Saurabh Narayan	4	6	10	20
64	Prajwal Sakhare	4	6	10	20

  
**ASSISTANT PROFESSOR**  
 Department of Zoology  
 Shri Shivaji Sci. & Arts College  
 Chikhli, Dist. Buldana 443201

  
**H.O.D.**  
 Department of Zoology  
 Shri Shivaji Sci. & Arts College  
 Chikhli, Dist. Buldana 443201

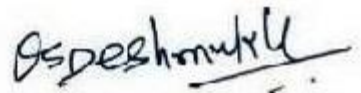
Verified

Date:

Principal

  
**PRINCIPAL**  
 Shri Shivaji Science & Arts College  
 Chikhli, Dist. Buldana



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### DEPARTMENT OF ENGLISH

308-Shri Shivaji Science, Arts College, CHIKHALI  
SUBJECT WISE INTERNAL MARKS SUMMER 2021

B.A. PART-I:(SEMESTER-II) Summer 2021

1001 - 1 - ENGLISH-S1 - I.A.(THEORY)

Max. Marks : 20

SNo	Roll No.	Student Name	Marks	SNo	Roll No.	Student Name	Marks
41	68177	Jyoti Sanjay Pandhare	18	61	68197	Parihar	10
42	68178	Kalyani Vishnu More	18	62	68198	Pallavi Vinod Kadam	19
43	68179	Kanchan Gajanan Theng	18	63	68199	Panchafula Ganesh Gawai	16
44	68180	Kartik Rajesh Bhosle	18	64	68200	Pankaj Satyanarayan Panchal	18
45	68181	Kishor Mahadeo Unhale	18	65	68201	Pawan Mahesh Sharma	18
46	68182	Komal Gajanan Khandare	18	66	68202	Pawan Tulshidas Pawar	18
47	68183	Mahadev Walmik Koigade	18	67	68203	Poonam Gajanan Bhandare	18
48	68184	Mangesh Sanjay Maind	18	68	68204	Prakash Vishwas Hade	18
49	68185	Mayur Sheshrao Ingle	10	69	68205	Pravin Ambadas Kelode	10
50	68186	Mohan Santoshrao Deshmukh	18	70	68206	Pritesh Raju Darakhe	10
51	68187	Mohan Sukhadev Tale	18	71	68207	Punam Arun Gholap	10
52	68188	Neha Baban Dukre	18	72	68208	Punam Pandurang Solanki	18
	68189	Neha Jagadev Suradkar	18	73	68209	Ramanand Devanand Dange	10
54	68190	Neha Vinod Salve	18	74	68210	Ramesh Bhagwan Rakhonde	18
55	68191	Nikhil Raju Banchare	10	75	68211	Ravindra Gulabrao Gadhe	10
56	68192	Nikita Baban Dukre	18	76	68212	Rijvana Subhan Hiriwale	18
57	68193	Nikita Harinarian Gadhawe	18	77	68213	Rohan Santosh Thutte	18
58	68194	Nikita Pralhad Gade	18	78	68214	Roshan Dilawar Shah	18
59	68195	Nita Jaganath Tarmale	18	79	68215	Rushikesh Ashok Kale	18
60	68196	Nitin Prakash Salve	18	80	68216	Rushikesh Gajanan	18
61	68197	Pallavi Dnyaneshwar	10				



## Criterion – I- Curricular Aspects [QIM – 1.1.2]

308-Shri Shivaji Science, Arts College, CHIKHALI  
 SUBJECT WISE INTERNAL MARKS SUMMER 2021  
 B.A. PART-I(SEMESTER-II) Summer 2021  
 1001 - 1 - ENGLISH-S1 - I.A.(THEORY)

Max. Marks : 20

SNo	Roll No.	Student Name	Marks
80	68216	Nikalje	18
81	68217	Salman Wahed Shaikh	18
82	68218	Samadhan Shreeram Tidke	18
83	68219	Santosh Bharat Saive	18
84	68220	Saurabh Vijay Chakote	18
85	68221	Sayali Rajaram Shingne	18
86	68222	Shain Mehboob Navrangabadi	18
87	68223	Shankar Rajendra Pawar	18
88	68224	Sheshrao Shivaji Surkute	18
89	68225	Shivam Suresh Suradkar	18
90	68226	Shivshankar Suresh Hudekar	10
91	68227	Shruti Shrikrushna Late	18
92	68228	Shyam Dnyaneshwar Pawar	18
93	68229	Shyam Vijay Gund	18
94	68230	Sohil Shafik Kha	18
95	68231	Sumeet Jivan Shete	18
96	68232	Tahseen Afsar Khan	18
97	68233	Tushar Bhagwan Jadhac	10
98	68234	Vaibhav Govinda Ingle	10
99	68235	Vaibhav Manohar Jadhav	18

SNo	Roll No.	Student Name	Marks
100	68236	Vaishali Satish Chavan	10
101	68237	Vaishnavi Gajanan Ghube	18
102	68238	Vaishnavi Ravindra Umale	18
103	68239	Vishal Baburao Shejol	18
104	68240	Vishal Parmeshwra Ghewande	10
105	68241	Vishal Pratap Thorat	18
106	68242	Vitthal Gulabrao Pandit	18
107	68243	Yogesh Sanjay Gawai	18
108	68244	Yogesh Suresh Awasarmol	18

*Sund*  
 Dr. S. S. Turkal  
 Head  
 Dept. of English  
 Shri Shivaji Sci. & Arts College,  
 Chikhli Dist. Buldana



*Dr. Omraj S. Deshmukh*  
 Dr. Omraj S. Deshmukh  
 Principal  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### DEPARTMENT OF MARATHI

308-Shri Shivaji Science, Arts College, CHIKHALI  
SUBJECT WISE INTERNAL MARKS WINTER 2020  
B.A. PART-I(SEMESTER-I) Winter 2020  
1052 - 1 - MARATHI LITERATURE-S1 - I.A.(THEORY)

Max. Marks : 20

SNo	Roll No.	Student Name	Marks	SNo	Roll No.	Student Name	Marks
1	84150	Ahmad Sheikh Gani	8	22	84194	Ganesh Santosh Helode	8
2	84151	Ajay Chagan Pithold	8	23	84199	Gopal Arun Salve	8
3	84154	Akash Gajanan Jumble	8	24	84200	Gopal Govind Jadhao	8
4	84155	Akash Uttam Pawar	19	25	84202	Jay Mahadev Jagtap	9
5	84158	Akshay Jivanlal Bilange	9	26	84204	Jivan Prabhakar Janjal	8
6	84157	Akshay Ramdas Jadhao	19	27	84205	Jyoti Sanjay Pandhare	8
7	84161	Ananta Subhash Kadam	8	28	84206	Kailas Devidas Tatde	8
8	84163	Anil Shankar Waghmare	8	29	84209	Kartik Rajesh Bhosle	8
9	84164	Ankush Santosh Kokate	8	30	84210	Kavita Santosh Kamble	8
10	84167	Arti Namdeo Nikam	8	31	84211	Kishor Mahadeo Unhale	8
11	84169	Ashish Samadhan	8	32	84212	Komal Gajanan Khandare	19
12	84171	Ashvini Ramdas Pathe	8	33	84213	Krushna Kailas Vaidya	8
13	84172	Ashvini Vijay Jadhav	8	34	84217	Mahendra Rajendra	8
14	84173	Ashwini Sandip Kharat	8	35	84221	Mohan Sukhadev Tale	8
15	84181	Diksha Prakash Kharat	8	36	84222	Mohiz Atamohamad Khan	8
16	84183	Dipak Sugdev Shejoi	8	37	84223	Neha Baban Dukre	19
17	84187	Gajanan Sheshrao	10	38	84224	Neha Jagadev Suradkar	8
18	84188	Gajanan Tejrao Solat	8	39	84225	Neha Vinod Salve	19
19	84191	Ganesh Rajesh Sheike	8	40	84227	Nikita Baban Dukre	8
20	84192	Ganesh Ramesh Raskar	8	41	84231	Nilesh Ramdas Jadhao	8
21	84193	Ganesh Ramesh Shelke	8	42	84232	Nita Jaganath Tarmale	19

Note : If any Candidate's Name is missing in this list, Please indicate the same at the end and write a marks.

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

308-Shri Shivaji Science, Arts College, CHIKHALI  
 SUBJECT WISE INTERNAL MARKS WINTER 2020  
 B.A. PARI- (SEMESTER-I) Winter 2020  
 1052 - 1 - MARATHI LITERATURE-S1 - I.A.(THEORY)  
 Max. Marks : 20

SNo	Roll No.	Student Name	Marks
43	84238	Pankaj Satyanarayan	19
44	84239	Pawan Mahesh Shama	8
45	84240	Pawan Tulshidas Pawar	8
46	04241	Paanam Gajanan	8
47	84243	Pravin Ambadas Kelode	8
48	84244	Pritesh Raju Daskhe	8
49	84246	Punam Pandurang	8
50	84247	Rahul Ashok Magar	8
51	84248	Rajlak Lukman Shaha	8
52	84249	Ramanand Devanand	8
53	84253	Ritu Suresh Jetha	8
54	84254	RISHI SURESH THULLE	10
55	84260	Rushikesh Subhash	8
56	84264	Rantosh Bharat Salve	8
57	84266	Saurabh Vijay Chakote	19
58	84267	Sayali Rajaram Shingne	8
59	84268	Shain Mehboob	8
60	84269	Shankar Rajendra Pawar	8
61	84270	Sheshrao Shivaji Surkute	8
62	84272	Shivshankar Suresh	8
63	84273	Shruti Shrikrushna Late	19

SNo	Roll No.	Student Name	Marks
64	84275	Shubham Janardhan	8
65	84276	Shubham Vinod	8
66	84277	Shyam Dnyaneshwar	8
67	84283	Swapnil Uddhav	8
68	84284	Tahseen Afsar Khan	8
69	84285	Tushar Bhagwan Jadhao	8
70	84287	Vaibhav Govinda Ingle	8
71	84289	Vaibhav Sagar Nikalje	8
72	84290	Vaibhav Samadhan	8
73	04291	Vaibhav Santosh	8
74	84292	Vaibhav Shivaji Shelke	8
75	84293	Vaichali Satish Chavan	8
76	84295	Vaishnavi Ravindra	19
77	84296	Vijay Subhash Raut	8
78	84298	Vishal Baburao Shejoi	8
79	84300	Vishal Parmeshwra	8
80	84302	Vitthal Gulabrao Pandit	8
81	84303	Vitthal Punjaji Kale	8
82	84304	Yogesh Sanjay Gawai	8
83	84305	Yogesh Suresh	8

Note : If any Candidate's Name is missing in this list, Please indicate the same at the end and write a marks.

Page 2 of 2

  
 Assist. Professor,  
 Shri Shivaji Sci. & Arts Coll.,  
 Chikhli, Dist. Buldana



  
**Dr. Omraj S. Deshmukh**  
**Principal**  
 Shri Shivaji Sci. & Arts  
 College, Chikhli, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### DEPARTMENT OF ECONOMICS

308-Shri Shivaji Science, Arts College, CHIKHALI

SUBJECT WISE INTERNAL MARKS SUMMER 2021

B.A. PART-I(SEMESTER-II) Summer 2021

1022 - 1 - ECONOMICS-S1 - I.A.(THEORY)

Max. Marks : 20

SNo	Roll No.	Student Name	Marks
1	68137	Aasamabi Kalim Shaha	20
2	68138	Ajay Vijay Nikalje	18
3	68139	Akanksha Mahavir Bedarkar	20
4	68140	Akash Gajanan Jumble	18
5	68141	Akash Uttam Pawar	19
6	68142	Akshay Ramdas Jadhao	18
7	68144	Ananta Subhash Kadam	17
8	68145	Anil Ganesh Khare	20
9	68146	Anil Shankar Waghmare	19
10	68147	Ankush Santosh Kokate	17
11	68148	Anuja Ganesh More	17
12	68149	Arabazkhan Kalandrakhan Pathan	17
13	68151	Ashish Samadhan Dandge	18
14	68152	Ashvini Ramdas Patthe	19
15	68153	Ashvini Vijay Jadhav	18
16	68155	Asifsha Ramatsha Fakir	18
17	68156	Bhagwat Pandhari Sathe	17
18	68157	Bhagyashri Gajanan Wakode	19
19	68158	Bhagyashri Vilas Khare	19
20	68159	Dipak Madhukar Suroshe	18

SNo	Roll No.	Student Name	Marks
21	68161	Dnyanehswar Panjabrao Nikalje	18
22	68162	Dnyaneshwari Ashok Mohite	17
23	68165	Ganesh Anil Bhutekar	19
24	68166	Ganesh Rajendra Afrutkar	16
25	68167	Gangaram Kuvarsing Pawra	18
26	68168	Gaurav Sanjay Ingle	18
27	68169	Gauri Gajanan Patil	16
28	68170	Gauri Santosh Kharat	18
29	68171	Gopal Arun Salve	17
30	68172	Gopal Govind Jadhao	17
31	68173	Harshada Dattu Kharat	19
32	68174	Jay Mahadev Jagtap	18
33	68175	Jivan Chhagan Pawar	18
34	68178	Kalyani Vishnu More	17
35	68179	Kanchan Gajanan Theng	19
36	68181	Kishor Mahadeo Unhale	16
37	68182	Komal Gajanan Khandare	19
38	68183	Mahadev Walmik Koigade	19
39	68184	Mangesh Sanjay Maind	17
40	68185	Mayur Sheshrao Ingle	17

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

308-Shri Shivaji Science, Arts College, CHIKHALI

SUBJECT WISE INTERNAL MARKS SUMMER 2021

B.A. PART-I(SEMESTER-II) Summer 2021

1022 - 1 - ECONOMICS-S1 - I.A.(THEORY)

Max. Marks : 20

SNo	Roll No.	Student Name	Marks	SNo	Roll No.	Student Name	Marks
41	68186	Mohan Santoshrao Deshmukh	16	60	68210	Ramesh Bhagwan Rakhonde	18
42	68189	Neha Jagadev Suradkar	18	61	68211	Ravindra Gulabrao Gadhe	17
43	68190	Neha Vinod Salve	17	62	68212	Rijvana Subhan Hiriwale	17
44	68191	Nikhil Raju Banchare	18	63	68213	Rohan Santosh Thutte	20
45	68193	Nikita Harinarian Gadhawe	19	64	68214	Roshan Dilawar Shah	19
46	68194	Nikita Pralhad Gade	20	65	68215	Rushikesh Ashok Kale	18
47	68195	Nita Jaganath Tarmale	16	66	68216	Rushikesh Gajanan Nikalje	18
48	68196	Nitin Prakash Salve	17	67	68217	Salman Wahed Shaikh	17
49	68197	Pallavi Dnyaneshwar Parihar	17	68	68218	Samadhan Shreeram Tidke	14
50	68198	Pallavi Vinod Kadam	19	69	68220	Saurabh Vijay Chakote	20
51	68199	Panchafula Ganesh Gawai	16	70	68221	Sayali Rajaram Shingne	15
52	68200	Pankaj Satyanarayan Panchal	18	71	68222	Shain Mehboob Navrangabadi	15
53	68201	Pawan Mahesh Sharma	15	72	68224	Sheshrao Shivaji Surkute	18
54	68202	Pawan Tulshidas Pawar	16	73	68225	Shivam Suresh Suradkar	19
55	68204	Prakash Vishwas Hade	16	74	68226	Shivshankar Suresh Hudekar	14
56	68206	Pritesh Raju Darakhe	15	75	68227	Shruti Shrikrushna Late	17
57	68207	Punam Arun Gholap	14	76	68229	Shyam Vijay Gund	17
58	68208	Punam Pandurang Solanki	15	77	68230	Sohil Shafik Kha	18
59	68209	Ramanand Devanand Dange	14	78	68231	Sumeet Jivan Shete	18
				79	68232	Tahseen Afsar Khan	15

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

308-Shri Shivaji Science, Arts College, CHIKHALI  
SUBJECT WISE INTERNAL MARKS SUMMER 2021  
B.A. PART-I(SEMESTER-II) Summer 2021  
1022 - 1 - ECONOMICS-S1 - I.A.(THEORY)

Max. Marks : 20

SNo	Roll No.	Student Name	Marks
80	68233	Tushar Bhagwan Jadhao	15
81	68234	Vaibhav Govinda Ingle	18
82	68235	Vaibhav Manohar Jadhav	18
83	68237	Vaishnavi Gajanan Ghube	19
84	68238	Vaishnavi Ravindra Umale	15
85	68239	Vishal Baburao Shejol	15
86	68241	Vishal Pratap Thorat	15
87	68243	Yogesh Sanjay Gawai	18

Dr. S.M. Kulkarni  
(Dept. of Economics)  
24/08/2021

Asst. Professor  
Shri Shivaji Sci. & Arts College  
Chikhli, Dist. Buldana



Dr. Omraj S. Deshmukh

Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### DEPARTMENT OF HISTORY

SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHLI DIST-BULDANA

Department of History

Internal Assignment Record List-Name of Paper-Ancient India

Session-2020-21 ( Summer Exam-2021)

Sr.No	Roll No	Name of Student	Class/Sem	Unit Test-10	Int.Asst-10
1	70770	Sandip Sakharam Gawai	M.A.Part-I Sem-II	10	10
2	70771	Sushil Sukhdeo Dongirdive	M.A.Part-I Sem-II	08	08
3	70772	Vaishali Deorao Apar	M.A.Part-I Sem-II	07	08
4	70773	Vandana Narsing Rajput	M.A.Part-I Sem-II	08	08
5	70774	Yogesh Vilas Asane	M.A.Part-I Sem-II	08	08
6	93081	Dhondu Subash Sultane	M.A.Part-I Sem-II	09	10

SHRI SHIVAJI SCIENCE & ARTS COLLEGE, CHIKHLI DIST-BULDANA

Department of History

Internal Assignment Record List-Name of Paper-History of Maratha

Session-2020-21 ( Summer Exam-2021)

Sr.No	Roll No	Name of Student	Class/Sem	Unit Test-10	Int.Asst-10
1	70701	Akshay Pradip Sapkal	M.A.Part-I Sem-IV	08	09
2	70702	Javed Chand Hiriwale	M.A.Part-I Sem-IV	08	08
3	70703	Mayur Shivaji Gawai	M.A.Part-I Sem-IV	08	08
4	70704	Nivrutti Dattatreya Tejankar	M.A.Part-I Sem-IV	08	07
5	70705	Pradip Praksh Gawai	M.A.Part-I Sem-IV	07	09
6	70706	Rupchand Prakash Gadhawe	M.A.Part-I Sem-IV	08	08
7	70707	Sahebrao Gulabrao Kolhe	M.A.Part-I Sem-IV	09	08
8	70708	Satyapal lahu Gawai	M.A.Part-I Sem-IV	09	09
9	70709	Sharad Basanta Tajane	M.A.Part-I Sem-IV	09	10
10	70710	Shivanand Narayan Tupkar	M.A.Part-I Sem-IV	09	09
11	707011	Shubham Devidas Dikkar	M.A.Part-I Sem-IV	08	08

19/21-01:

Associate Professor & Head  
Department of History  
Shri Shivaji Science & Arts College,  
Chikhli, Dist. Buldana



Dr. Omraj S. Deshmukh

Principal  
Shri Shivaji Sci. & Arts  
College, Chikhli, Dist. Buldana

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### Department of Political Science

308-Shri Shivaji Science, Arts College, CHIKHALI

SUBJECT WISE INTERNAL MARKS SUMMER 2021

B.A. PART-III(SEMESTER-VI) Summer 2021

1025 - 1 - POLITICAL SCIENCE-S1 - I.A.(THEORY)

Max. Marks : 20

SNo	Roll No.	Student Name	Marks
1	77097	Ajay Dnyandeo Suryavanshi	18
2	77098	Ankit Sanjabrao Gawai	18
3	77099	Anuradha Gajanan Keskar	19
4	77100	Ashwini Parshuram Shinde	19
5	77101	Ashwini Vijay Ingle	18
6	77102	Balasaheb Devidas Ghewande	18
7	77103	Dttatraya Pandhari Gadhve	19
8	77104	Ganesh Namdeo Arakh	19
9	77105	Jaya Vijay Jadhav	18
10	77106	Milind Manikrao Patole	18
11	77107	Nilesh Rajendra Pandit	18
12	77108	Nileshbhai Abhimanyu Jadhav	18
13	77111	Prajakta Vinod Khandalkar	19
14	77112	Ravi Mahadu Sultane	18
15	77113	Rutuja Ravindra Jadhao	18
16	77114	Sagar Anil Bansode	18
17	77115	Sangita Sarangdhar Sarode	18
18	77116	Saurabh Shrikrushna Shinde	19
19	77117	Shankar Narayan Mevhankar	19

SNo	Roll No.	Student Name	Marks
20	77118	Sheikh Afsar Sheikh Jafar	18
21	77120	Shubham Narendra Hiwale	19
22	77121	Snehal Anil Katkar	18
23	77122	Suraj Rajesh Gohel	18
24	77123	Vaishnavi Digambar Nangude	18
25	77124	Vaishnavi Sunil Kharat	19



## Criterion – I- Curricular Aspects [QIM – 1.1.2]

### Department of Commerce

308-Shri Shivaji Science, Arts College, CHIKHALI

SUBJECT WISE INTERNAL MARKS SUMMER 2021

B.COM. PART-III(SEMESTER-VI) Summer 2021

3062 - 1 - Economics Of Development-S1 - I.A.(THEORY)

Max. Marks : 20


SNo	Roll No.	Student Name	Marks	SNo	Roll No.	Student Name	Marks
1	75845	Aditi Martand Kulkarni	20	22	75866	Pranav Kailas Jaju	20
2	75846	Akash Ramdas Umale	20	23	75867	Pravin Jagdeo Saudagar	20
3	75847	Ashwini Gajanan Pathe	20	24	75868	Renuka Manoj Chopda	20
4	75848	Bhagyashri Ashok Dukare	20	25	75869	Renuka Vinayak Nirmal	20
5	75849	Dipali Gajendra Jadhav	20	26	75870	Revati Uddhavrao Kharapas	20
6	75850	Divya Sunil Ingle	20	27	75871	Rupali Bharat Akal	20
7	75851	Gopal Vishwanath Shinde	20	28	75872	Saiyyad Habib Saiyyad Rahim	20
8	75852	Jaya Dipak Suradkar	20	29	75873	Sandhya Dnyaneshwar Morey	20
9	75853	Karan Eknath Jadhav	20	30	75874	Sandip Vasanta Ingle	20
10	75854	Komal Eknath Karhade	20	31	75875	Sanjay Panjabrao Parihar	20
11	75855	Mandar Ashok Mahind	20	32	75876	Saurabh Subhash Khadke	20
12	75856	Mangal Gajanan Dukare	20	33	75877	Shalikram Rajendra Iwarkar	20
13	75857	Mayuri Santosh Kadam	20	34	75878	Shalini Dilip Pimple	20
14	75858	Neha Vijay Dhandar	20	35	75879	Shila Satyawan Sawant	20
15	75859	Nilesh Anil Bhutekar	20	36	75880	Shital Tulshidas Kute	20
16	75860	Nita Gajanan Kharat	20	37	75881	Shivani Bhagavan Morey	20
17	75861	Nitin Atmaram Parihar	20	38	75882	Shubhangi Sunil Wankhade	20
18	75862	Pawan Pandharinath Shelke	20	39	75883	Shyam Govindprabhu Iwarkar	20
19	75863	Pawan Ramesh Hade	20	40	75884	Sunita Shrikrishna Bhandare	20
20	75864	Pawan Sudhakar Birgal	20				
21	75865	Prachi Anil Udrakar	20				

Note : If any Candidate's Name is missing in this list, Please indicate the same at the end and write a marks.

## Criterion – I- Curricular Aspects [QIM – 1.1.2]

308-Shri Shivaji Science, Arts College, CHIKHALI  
SUBJECT WISE INTERNAL MARKS SUMMER 2021  
B.COM. PART-III(SEMESTER-VI) Summer 2021  
3062 - 1 - Economics Of Development-S1 - I.A.(THEORY)  
Max. Marks : 20

SNo	Roll No.	Student Name	Marks
41	75885	Swapnil Damodhar Pandaqale	20
42	75886	Swapnil Sanjay Rasal	20
43	75887	Swati Jaysing Ingle	20
44	75888	Vaibhav Dilip Kholgade	20
45	75889	Vaibhav Ramesh Bavaskar	20
46	75890	Vaishnavi Shrikrushna Jadhao	20

  
HOD  
Dept. Of Commerce  
Shri Shivaji Science &  
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Dr. Omraj S. Deshmukh  
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# Criterion – I- Curricular Aspects [QIM – 1.1.2]

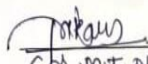
## PhD – Zoology

### Ph.D. Student Assignment Marks

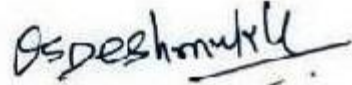
Course Work Exam 2020  
Ph. D. Course Work : Internal Assessment/Practical  
College Code : 308  
College: Shri Shivaji Science And Arts College, Chikhli Dist. Buldana  
Faculty: Science & Technology (Science & Technology/Humanities/Commerce & Management)  
Subject: Zoology

Sr. No.	Roll No.	Name of the Student	Marks Obtained				
			Module 1 Research Methodology (Out of 20)	Module 2 ICT (Out of 50)	Module 3 Recent Trends in the Subject (Out of 50)	Module 4 Review of Literature (Out of 50)	Module 5 Seminar (Out of 50)
1.	5062	Mr. Yogesh Venkatgiri	20	48	48	48	47

Date: 08.11.2021

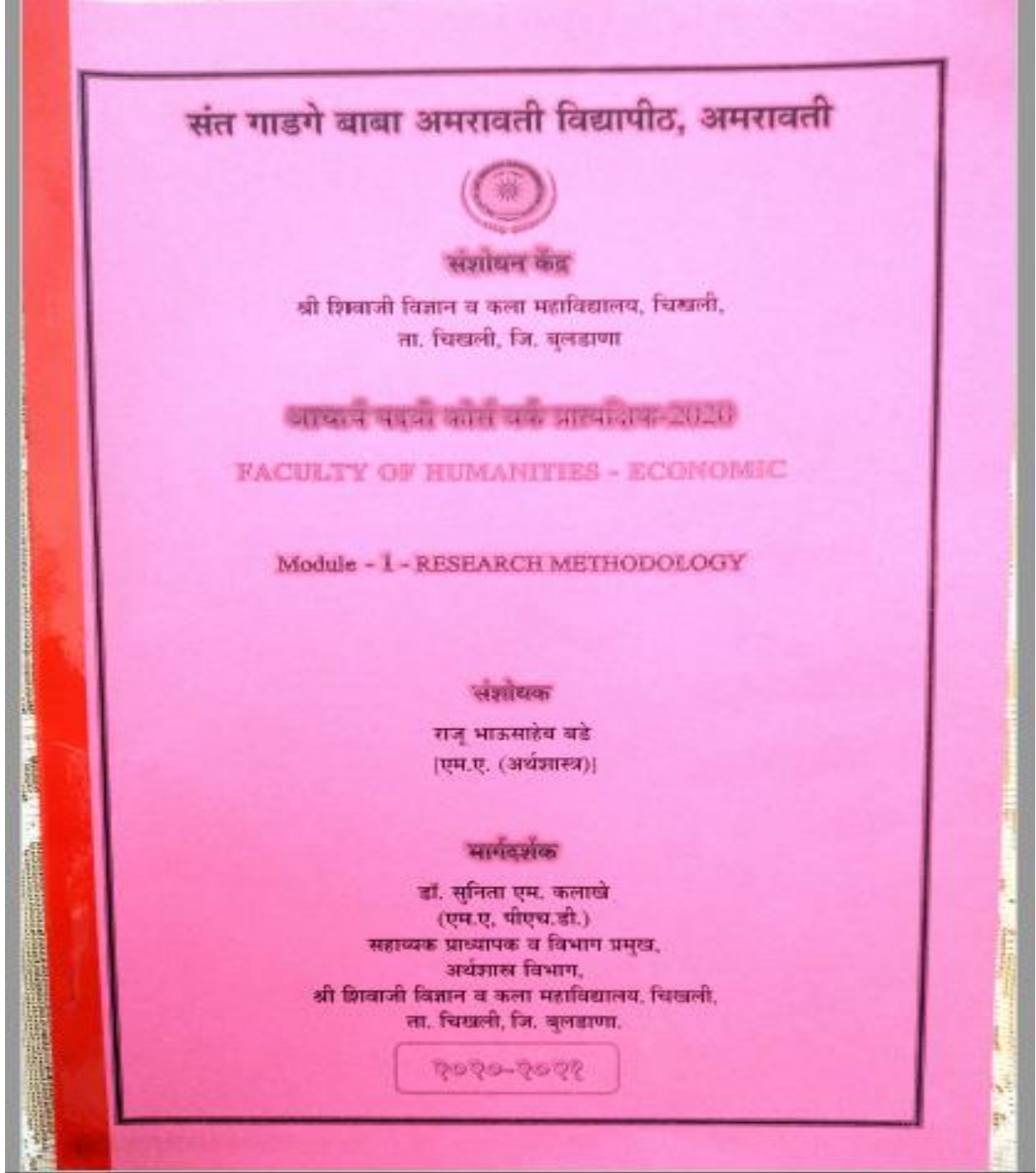
  
Prof. Dr. the Res. Centre  
Supervisor & Head  
Research Centre in Zoology  
Shri Shivaji Science & Arts College  
(308), Chikhli Dist. Buldana (MH)



  
Dr. Omraj S. Deshmukh  
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DEPARTMENT OF ECONOMICS

Ph.D. Student Assignment



संत गाडगे बाबा अमरावती विद्यापीठ, अमरावती



संशोधन केंद्र

श्री शिवाजी विज्ञान व कला महाविद्यालय, चिखली,  
ता. चिखली, जि. बुलडाणा

**आचार्य पदवी कोर्स बंद प्रात्यक्षिक-2020**

**FACULTY OF HUMANITIES - ECONOMIC**  
**Module - I - RESEARCH METHODOLOGY**

**Assignment Topic**

“ संशोधन आराखड्याची अर्थ, गरज, संकल्पना व प्रकार ”

**संशोधक**

राजू भाऊसाहेब बडे  
[एम.ए. (अर्थशास्त्र)]

**मार्गदर्शक**

डॉ. सुनिता एम. कलाखे  
(एम.ए. पीएच.डी.)  
सहाय्यक प्राध्यापक व विभाग प्रमुख,  
अर्थशास्त्र विभाग,  
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संत गाडगे बाबा अमरावती विद्यापीठ, अमरावती  
श्री. शिवाजी कला आणि विज्ञान महाविद्यालय, चिखली, ता. चिखली, जि. बुलढाणा  
आचार्य पदवी कोर्स वर्क प्रात्यक्षिक-2020

Faculty of Humanities :- Subject : Economic

:- Module - 1 – RESEARCH METHODOLOGY :-

Q. 1. संशोधन आराखड्याची अर्थ, गरज, संकल्पना व प्रकार

संशोधन कार्य सुरू करण्यापूर्वी संशोधकाने तयार केलेली शिफारस व म्हणजे संशोधन आराखडा होय.

संशोधन कार्यात संशोधन आराखड्याचा अधिक महत्त्वचे स्थान आहे. कारण संशोधनाचा योग्य दिशा व गती देण्यासाठी संशोधन आराखडा तयार केला जातो.

(उदा) - हार बांधकाम करण्यापूर्वी विविध कामांचे नियोजन करतात. फाँट, भूजाळ डिझाईन, बाणकणी, पार्किंग, टेरिस, किचन बॅडरूम, त्यासाठी भागलार सिमेंट, मळूर, लीव्हंड किती इत्यादीचा विचार करतात. घरापुढे संशोधन आराखडा तयार करताना विविध पैकीचा अभ्यास व चाबी मिळाने घेताने.

आराखडा तयार करण्यापूर्वी समजा प्रस्तावना संशोधन उद्दिष्टांचे, शैतिक, समजाचे अंकीकरण, संशोधनपद्धत, प्राप्ती संकलन विवनेषण प्रकृती स्थाना, वेळापत्रक इ. घटकांचा विचार विचार करतात. विद्यार्थी परिक्षेपूर्वी अभ्यासाची तयारी करता. प्रत्येक विषयाचे अभ्यासाचे वेळापत्रक तयार करतात. म्हणजेच आराखडा तयार करतात.

संशोधन आराखड्यामुळे संशोधनात सुसज्जता निर्माण होते. संशोधन प्रक्रियेचा गती मिळते. संशोधकाचा संभाव्य सध्याचा अंदाज येतो. त्यामुळे वेळ, पैसा, शक्ती - इतम यांचा अपत्यय टाळा येतो.

व्याख्या -

① शिफारस अंकीकरण - संशोधन आराखडा म्हणजे विविध स्थानांमधील निष्कर्ष प्रस्थापित करण्यासाठी आणि त्या संबंधी संशोधन करण्यापूर्वी संशोधन कार्यक्षेत्रात संभाव्य परिस्थिती संदर्भित मिळवि करण्याची प्रक्रिया म्हणजे संशोधन आराखडा होय.

② मिळार - संशोधन पूर्ण करतांना त्यात सर्व प्रक्रियेचे नियोजन वदव सुसज्जित म्हणजे संशोधन आराखडा होय.

✽ संशोधन आशब्दाचे प्रकार :-

① श्याहीकरणात्मक किंवा अन्वेषणात्मक आशब्दा :-

संशोधनाचा मुख्य उद्देश सामाजिक दृष्ट्यात्मक मुळाशी असलेल्या कारणांचा शोध घेण्याचा असतो. त्यानुसार संशोधक संशोधनाशी संबंधित दृष्ट्याचे स्वरूप, परिणाम, वस्तुस्थिती, त्यासंबंधित कारणे यांचा वस्तुनिष्ठ पद्धतीने शोध घेऊन आशब्दा तयार करतात. त्यांना संशोधनात्मक आशब्दा असे म्हणतात. या आशब्दांमध्ये संशोधन विषय निवड केल्यावर दृष्टिक तयार करण्यास मदत होते. विविध दृष्ट्यांचा अभ्यास करता येतो. संशोधनातून संशोधकांच्या अडचणीची माहिती मिळते. संशोधनात कोणत्या पद्धतीच्या अन्वेषण करणे, अपस्विकी, दृष्ट्यांचा माहिती मिळविणे, संशोधन कार्य विव्वसनीय पद्धतीने होणे, विज्ञान क्षेत्राचा विकास इ. साठी आशब्दा उपयुक्त असतो. आशब्दातून संशोधकांना शिर्षकानुसार माहिती सर्वेक्षणातून मिळते. भाषिके, लेख, वृत्तपत्र, नियतकालिके, पुस्तके, ग्रंथ यांचा उपयोग करता येतो. कोणत्याही दृष्ट्यांचा अभ्यास करून परस्पर विरोधी माहिती एकत्र करून आत्मपरिक्षण पद्धत अन्वेषण करून विश्लेषण करण्यास हा आशब्दा उपयुक्त असतो.

② ववृणात्मक संशोधन आशब्दा :-

जेव्हा संशोधन संबंधी प्रश्नांसाठी वास्तविक माहितीनुसार वर्तनात्मक विवेचनाचा उद्देश त्यावेळी असा आशब्दा तयार करतात. त्यांना वर्तनात्मक आशब्दा म्हणतात. वैज्ञानिक पद्धतीचा वापर शक्य नही त्यावेळी असा आशब्दा तयार करतात. हा आशब्दातून विविध जाती समूहांत त्या जाती समूहांचे आर्थिक व सामाजिक अन्वेषणासाठी वर्तनात्मक आशब्दा उपयुक्त असतो. संशोधकाने संशोधनासाठी विशिष्ट जाती, जमातीचे उदा. उपगत, शिक्षण, निवास, व्यवसाय, कुटुंब, कुटुंबातील अन्वेषण इ. अन्वेषणाने विश्लेषण करण्यास हा आशब्दा उपयुक्त असतो. या आशब्दातून वैज्ञानिक पद्धत किंवा तंत्राचा वापर करता येतो. अशा प्रकारच्या आशब्दा तयार करता येतो. अशा प्रकारच्या आशब्दा तयार करतांना

संशोधकाने आशब्दास विषय निवड माहिती संकलन तंत्र थारावण करून विज्ञानमिष्ट संशोधन करतात.

वर्णनात्मक आशब्दास थारा करताना, इच्छिते मिश्रण करणे माहिती जमा करणे, संशोधन प्रेरण व्यापक तरे नमुना निवडपद्धतीचा अवलंब करणे. नमुना निवडताना पूर्वग्रह नसतात माहिती संकलन करून परिक्षण करणे प्राप्त माहितीनुसार विश्लेषण करून अंशानु अंश थारा करणे. व्याप्ती, अंश सखळ व सोपी असणे. इ. बाबी वर्णनात्मक आशब्दाच्यात असतात.

③ निदानात्मक संशोधन आशब्दास :

ज्ञानाचा विकास आणि विशिष्ट समस्या अन्वेषण वस्तुविधि स्वरूपात करणे. त्यावेळी निदानात्मक संशोधन आशब्दास थारा करतात. ज्याप्रमाणे अक्षर विविध चारित्र्यांनुसार शिष्टाचार-योग्य करव्यास असेही सांगतात त्याप्रमाणे संशोधक संशोधनात उपाय सांगतात. या आशब्दाच्यात विशिष्ट समस्यांचे काही माहित करून उपाय सांगतात. त्यासाठी निदानात्मक संशोधन आशब्दास उबेगी असतो. वैज्ञानिक पद्धतीच्या अवलंब करून प्रयोगिक मिश्रण करतात. समस्यांचे ज्ञान असल्याशिवाय उपाय सांगता येत नाहीस. या आशब्दाच्यात समस्यांचे तत्काळी स्वल्प समजून घ्यायचा असतो. त्यामुळे प्रयोगिक पद्धतीचे असते.

④ प्रयोगात्मक किंवा परिक्षणात्मक आशब्दास :

समान ज्ञानानुसार संशोधनात प्रयोगे पद्धत अवलंब करून संशोधनास वास्तव स्वरूप स्पष्ट करतात. त्यावेळी प्रयोगात्मक आशब्दास उपयुक्त असतो. संशोधन विषयक स्थिती पूर्वनिश्चित आणि पूर्वनिश्चित परिक्षणांनुसार सामाजिक चलनांचे शैक्षणिक पद्धतीचे केलेले अन्वेषण त्याच्या प्रयोगात्मक आशब्दास म्हणतात. मिश्रण मिश्रण केलेले मिश्रण म्हणजे प्रयोगे होय. प्रयोगापूर्वीची पद्धत, प्रयोगानंतरची पद्धत, प्रयोजनपूर्वी व प्रयोगानंतर मिश्रण विश्लेषण करव्यास या तीन पद्धतीच्या वापर करतात. इ.



औद्योगिक प्रगतिमुळे समाजाचे जीवनमान बदललेले आहे. या विकलेसनासाठी औद्योगिकरण पूर्वी, औद्योगिकरण नंतरची स्थिती विश्लेषण संशोधक करतात.

ह) पाठ्यपत्र संशोधन आश्रय -  
बहुतेक वेळा लघोच्च माहिती संकलनासाठी पाठ्यपत्र  
अभ्यास करतात. प्रशासकीय व संशोधनात्मक अभ्यास कठ्यासि  
हा आश्रयदा उपयुक्त असतो.



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