



PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

NAAC Accredited-2015

'B' Grade (CGPA 2.62)

DRAFT PROGRAM OF B.SC. SEMESTER – I TO VI MARCH/APRIL – 2022 EXAMINATION TO BE HELD IN JULY- 2022

1. Students should see their Seat No. and Name in the Name list and mistakes if any should be communicated to this office immediately. All candidates are requested to confirm their Examination Seat No. as well as place of examination on the Notice Board of the University/College mentioned below at least two days before the date of Examination. The candidate should write correct Seat No. on each Answer Book. If candidate writes wrong Seat No. on Answer Book the performance of such subject will not be considered.
2. Candidates are requested to be present at their respective places of examinations **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time of starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
3. (**Important Note:** Code Numbers given in the Bracket are Computer Code of respective Subjects, Students should mention these Code Numbers on Answer Books with Name of the Subject. Also write these Code Numbers on JSR (Junior Supervisor Report) and related documents)

The Centers and places of the Examinations will be as under.

Sr. No.	Center	College Abbreviation	Place
1	SOLAPUR	DBF	D.B.F. Dayanand College of Arts & Science
2		SAN	Sangameshwar College
3		VASU	Vasundhara Arts College
4		WCS	Walchand College of Arts & Science
5	PANDHARPUR	KBP	K.B.P. Mahavidyalaya
6	BARSHI	SBZ	Shriman Bhausahab Zadbuke Mahavidyalaya
7		SMB	Shri. Shivaji Mahavidyalaya
8	SHELGAON	HCCB	Hemuji Chandele College, Shelgaon (R)
9	SANGOLA	VIMAS	Vidnyan Mahavidyalaya
10		SANG	Sangola College, Sangola
11	AKLUJ	SMM	Shankarrao Mohite Mahavidyalaya
12	KARMALA	YCMK	Yashwantrao Chavan Mahavidyalaya
13	AKKALKOT	CBK	C.B.Khedgi's College
14	NATEPUTE	SMSMPM	S.M. Shankarrao Mohite Patil College
15	MANGALWEDHA	MMP	Madansinh Mohite-Patil Sci. Mahavidyalaya
		SDM	Sant Damaji Mahavidyalaya
16	KURDUWADI	KNB	K.N.Bhise College
17	ANGAR	BPCAS	Baburao Patil College
18	WADALA	MMW	Mauli Mahavidyalaya
19	MANDRUP	SBPC	Santosh Bhimrao Patil College
20	Mohol	DSG	D.S. Garad Mahavidyalaya

Note : According to the students strength Exam Centers may be changed before Examinations.

The Written Examination will be conducted in the following order

B.Sc. Sem – I (w.e.f. June 2019) (CBCS Pattern-2019)				
Day & Date	Sr. No	Subject Time 1:00 pm to 2:00 pm	Sr. No.	Subject Time 5:00 pm to 6:00 pm
Thursday 11/08/2022	1	(w.e.f. New June 2020) English (Comp.) (19201101) LITERARY VOYAGE		
Friday 12/08/2022	2	CHEMISTRY Paper-I Physical Chemistry (19201106)	3	COMPUTER SCIENCE Paper-I Fundamental of Computer (19201120)
Saturday 13/08/2022	4	CHEMISTRY Paper-II (19201107) Inorganic Chemistry	5	COMPUTER SCIENCE Paper-II Programing Using C-I (19201121)
Sunday 14/08/2022	6	PHYSICS Paper-I Mechanics and properties of matter. (19201104)	7	MICROBIOLOGY Paper-I Fundamentals of Microbiology (19201114)
Wednesday 17/08/2022	8	PHYSICS Paper-II Optics and Laser (19201105)	9	MICROBIOLOGY Paper-II (19201115) Basic Techniques in Microbiology
Thursday 18/08/2022	10	STATISTICS Paper-I Descriptive Statistics-I (19201108)	11	ZOOLOGY Paper-I Animal Diversity I (19201122)
Friday 19/08/2022	12	STATISTICS Paper-II Probability and Probability Distributions-I (19201109)	13	ZOOLOGY Paper-II Animal diversity-II (19201123)
Saturday 20/08/2022	14	MATHEMATICS Paper-I Algebra (19201116)	15	BOTANY Paper-I (19201102) Microbiology and Psychology
Sunday 21/08/2022	16	MATHEMATICS Paper-II Calculus (19201117)	17	BOTANY Paper-II (19201103) Fungi and Archegoniate
Monday 22/08/2022	18	ELECTRONICS Paper-I Basic Circuit Theory and Network Analysis (19201118)	19	PSYCHOLOGY Paper-I General Psychology I (19201112)
	20	GEOGRAPHY Paper – I Geomorphology- I (19201124)	21	GEOLOGY Paper-I (19201110) PHYSICAL GEOLOGY
Tuesday 23/08/2022	22	ELECTRONICS Paper-II Digital Fundamentals (19201119)	23	PSYCHOLOGY Paper-II (19201113) Developmental Psychology
	24	GEOGRAPHY Paper – II Geomorphology-II (19201125)	25	GEOLOGY Paper-II (19201111) STRUCTURAL GEOLOGY

B.Sc. Sem – II (w.e.f. June 2019)
(CBCS Pattern-2019)

Day & Date	Sr. No	Subject Time 11:00 am to 12:00 pm	Sr. No.	Day & Date	Subject Time 3:00 pm to 4:00 pm
Thursday 11/08/2022	26	(w.e.f. New Nov. 2020) English (Comp.) (19201201) LITERARY VOYAGE	--	-----	
Friday 12/08/2022	27	CHEMISTRY Paper–III (19201208) Organic Chemistry	28	Friday 12/08/2022	COMPUTER SCIENCE Paper-III (19201229) Introduction to Web Designing
Saturday 13/08/2022	29	CHEMISTRY Paper–IV (19201209) Analytical Chemistry	30	Saturday 13/08/2022	COMPUTER SCIENCE Paper–IV(19201230) Programming Using C - II
Sunday 14/08/2022	31	PHYSICS Paper-III (19201205) Heat and Thermodynamics	32	Sunday 14/08/2022	MICROBIOLOGY Paper–III (19201220) Microbial Physiology
Wednesday 17/08/2022	33	PHYSICS Paper-IV (19201206) Electricity, Magnetism and Basic Electronics	34	Wednesday 17/08/2022	MICROBIOLOGY Paper–IV (19201221) Applied Microbiology
Thursday 18/08/2022	35	STATISTICS Paper–III (19201211) Descriptive Statistics-II	36	Thursday 18/08/2022	ZOOLOGY Paper–III (19201232) Comparative Anatomy of vertebrates
Friday 19/08/2022	37	STATISTICS Paper–IV (19201212) Probability and Probability Distributions-II	38	Friday 19/08/2022	ZOOLOGY Paper–IV (19201233) Developmental Biology of vertebrates
Saturday 20/08/2022	39	MATHEMATICS Paper–III (19201223) Geometry	40	Saturday 20/08/2022	BOTANY Paper–III (19201202) Plant Ecology
Sunday 21/08/2022	41	MATHEMATICS Paper-IV (19201224) Differential Equations	42	Sunday 21/08/2022	BOTANY Paper–IV (19201203) Taxonomy of Angiosperms
Monday 22/08/2022	43	ELECTRONICS Paper–III (19201226) Semiconductor Devices	44	Monday 22/08/2022	PSYCHOLOGY Paper–III (19201217) Fundamental Psychology
	45	PHYSICAL GEOGRAPHY Paper – III (19201235) Human Geography I	46		GEOLOGY Paper–III (19201214) CRYSTALLOGRAPHY
Tuesday 23/08/2022	47	ELECTRONICS Paper–IV (19201227) Digital Electronics	48	Tuesday 23/08/2022	PSYCHOLOGY Paper–IV (19201218) Developmental Psychology
	49	PHYSICAL GEOGRAPHY Paper – IV (19201236) Human Geography II	50		GEOLOGY Paper–IV (19201215) MINERALOGY

B.Sc. Sem-II **New (First Year) (w.e.f. June 2019)**

Day & Date	Sr. No.	SUBJECT Time : 11:00 am to 12:0 pm	Candidates note that Democracy, Elections and Good Governance Examination will be conducted in their Parent (home) College
Wednesday 24/08/2022	318	Democracy, Elections and Good Governance (19DEG)	

B.Sc. Sem - III (w.e.f. June 2020)**(CBCS Pattern-2019)**

Day & Date	Sr. No	Subject Time 9:00 am to 10:00 am	Day & Date	Sr. No	Subject Time 1:00 pm to 2:00 pm
Saturday 30/07/2022	51	CHEMISTRY Paper-V (19201305) Organic Chemistry	Saturday 30/07/2022	52	COMPUTER SCIENCE Paper-V (19201307) Data Structure
Sunday 31/07/2022	53	CHEMISTRY Paper-VI (19201306) Inorganic Chemistry	Sunday 31/07/2022	54	COMPUTER SCIENCE Paper-VI (19201308) Design analysis and Algorithm
Tuesday 02/08/2022	55	PHYSICS Paper-V (19201323) General Physics and Sound	Tuesday 02/08/2022	56	BIO-CHEMISTRY Paper-I (19201303) Biomolecules
				57	PLANT PROTECTION Paper-I (19201325) Major crops and methods of integrated plant protection.
Wednesday 03/08/2022	58	PHYSICS Paper-VI (19201324) Electronics	Wednesday 03/08/2022	59	BIO-CHEMISTRY Paper-II (19201304) Biochemical Techniques
				60	PLANT PROTECTION Paper-II (19201326) Crop Diseases and their management
Thursday 04/08/2022	61	STATISTICS Paper-V (19201329) Probability Distributions - I	Thursday 04/08/2022	62	METEOROLOGY Paper-I (19201321) Climatology
				63	GEO-CHEMISTRY Paper-I (19201313) Introduction to Geochemistry
				64	ZOOLOGY Paper-V (19201331) Cell Biology
Friday 05/08/2022	65	STATISTICS Paper-VI (19201330) Statistical Methods	Friday 05/08/2022	66	METEOROLOGY Paper-II (19201322) General Meteorology
				67	GEO-CHEMISTRY Paper-II (19201314) Introduction to Solar System and Geo-Sphers
				68	ZOOLOGY Paper-VI (19201332) Principles of Ecology
Saturday 06/08/2022	69	MATHEMATICS Paper-V (19201319) Differential Calculus	Saturday 06/08/2022	70	BOTANY Paper-V (19201301) Plant Anatomy
Sunday 07/08/2022	71	MATHEMATICS Paper-VI (19201320) Laplace Transform	Sunday 07/08/2022	72	BOTANY Paper-VI (19201302) Plant metabolism
Monday 08/08/2022	73	ELECTRONICS Paper-V (19201309) Electronic Circuits	Monday 08/08/2022	74	PSYCHOLOGY Paper-V (19201327) Experimental Psychology
	75	GEOGRAPHY Paper-V (19201311) Climatology		76	GEOLOGY Paper-V (19201315) IGNEOUS PETROLOGY
Wednesday 10/08/2022	78	ELECTRONICS Paper-VI (19201310) Pulse & Switching Circuits	Wednesday 10/08/2022	77	MICROBIOLOGY Paper-V (19201317) Bacterial Cytology and Physiology
				79	PSYCHOLOGY Paper-VI (19201328) Social Psychology
	80	GEOGRAPHY Paper-VI (19201312) Geography of India		81	GEOLOGY Paper-VI (19201316) SEDIMENTARY AND METAMORPHIC PETROLOGY
				82	MICROBIOLOGY Paper-VI (19201318) Bacterial Genetics

B.Sc. Sem – IV (w.e.f. Nov 2020) (CBCS Pattern-2019)					
Day & Date	Sr. No	Subject Time 11:00 am to 12:00 pm	Day & Date	Sr. No.	Subject Time 3:00 pm to 4:00 pm
Wednesday 20/07/2022	83	CHEMISTRY Paper–VII (19201407) Physical Chemistry	Wednesday 20/07/2022	84	COMPUTER SCIENCE Paper- VII (19201410) Software Engineering
Thursday 21/07/2022	85	CHEMISTRY Paper–VIII (19201408) Analytical & Industrial Inorganic Chemistry	Thursday 21/07/2022	86	COMPUTER SCIENCE Paper– VIII (19201411) Database Management System
Friday 22/07/2022	87	PHYSICS Paper-VII (19201434) Optics	Friday 22/07/2022	88	BIO-CHEMISTRY Paper-III (19201404) NUTRITION AND METABOLISM
				89	PLANT PROTECTION Paper–VII (19201437) Introduction to weeds & non insect pests
Saturday 23/07/2022	90	PHYSICS Paper-VIII (19201435) Modern Physics	Saturday 23/07/2022	91	BIO-CHEMISTRY Paper-IV (19201405) MOLECULAR BIOCHEMISTRY & DISEASES
				92	PLANT PROTECTION Paper–VIII (19201438) Insect pests and their Management.
Sunday 24/07/2022	93	STATISTICS Paper–VII (19201443) Probability Distributions - II	Sunday 24/07/2022	94	METEOROLOGY Paper–III (19201431) Applied Climatology
				95	GEO-CHEMISTRY Paper-III (19201419) Principles of Geochemistry
				96	ZOOLOGY Paper–VII (19201446) Fundamentals of Biochemistry
Monday 25/07/2022	97	STATISTICS Paper–VIII (19201444) Applied Statistics	Monday 25/07/2022	98	METEOROLOGY Paper–IV (19201432) Meteorological Instruments
				99	GEO-CHEMISTRY Paper-IV (19201420) Chemistry of the Earth
				100	ZOOLOGY Paper–VIII (19201447) ANIMAL PHYSIOLOGY: CONTROLLING AND COORDINATING SYSTEMS
Tuesday 26/07/2022	101	MATHEMATICS Paper–VII (19201428) Differential Equations	Tuesday 26/07/2022	102	BOTANY Paper–VII (19201401) Plant Physiology
Wednesday 27/07/2022	103	MATHEMATICS Paper–VIII (19201429) Abstract Algebra – I	Wednesday 27/07/2022	104	BOTANY Paper–VIII (19201402) EMBRYOLOGY OF ANGIOSPERMS
Thursday 28/07/2022	105	GEOGRAPHY Paper–VII (19201416) Economic Geography	Thursday 28/07/2022	106	PSYCHOLOGY Paper–VII (19201440) Cognitive Psychology
	107	ELECTRONICS Paper–VII (19201413) Operational Amplifier and Applications		108	GEOLOGY Paper–VII (19201422) STRATIGRAPHY
				109	MICROBIOLOGY Paper–VII (19201425) Immunology & Medical Microbiology
Friday 29/07/2022	110	GEOGRAPHY Paper–VIII (19201417) Environmental Geography	Friday 29/07/2022	111	PSYCHOLOGY Paper–VIII (19201441) Positive Psychology
	112	ELECTRONICS Paper–VIII (19201414) Digital Techniques and Microprocessor		113	GEOLOGY Paper–VIII (19201423) PALAEOONTOLOGY
				114	MICROBIOLOGY Paper–VIII (19201426) Industrial Microbiology

B.Sc. Sem-IV (w.e.f. Nov 2021) (CBCS Pattern-2019)			
Day & Date	Sr. No.	SUBJECT Time: 11:00 a.m. to 12:00 p.m	Candidates note that Environmental Studies Examination will be conducted in their Parent (home) College
Saturday 30/07/2022	319	Environmental Studies (ENS)	

B.Sc. Sem - V (New w.e.f. June 2020)
(CBCS Pattern-2019)

Day & Date	Sr. No.	Subject Time: 5:00 p.m. to 6:00 p.m
Thursday 14/07/2022	115	English (Compulsory) (19201500) Literary Mindscapes - I
		Special Paper - IX
Friday 15/07/2022	116	Physics Paper- IX (19201511) Mathematical Physics & Statistical Physics
	117	Chemistry Paper- IX (19201506) Physical Chemistry
	118	Botany Paper- IX (19201501) PLANT SYSTEMATICS
	119	Zoology Paper- IX (19201520) Molecular Biology
	120	Mathematics Paper- IX (19201524) Algebra-II
	121	Statistics Paper- IX (19201528) Statistical Inference– I
	122	Geology Paper- IX (19201534) Economic Geology
	123	Microbiology Paper- IX (19201539) Virology
	124	Electronics Paper- IX (19201548) Linear Integrated Circuits and Applications
	125	Computer Science Paper- IX (19201543) Visual Programming Using C#
Saturday 16/07/2022	126	Physics Paper-X (19201512) Solid State Physics
	127	Chemistry Paper- X (19201507) Inorganic Chemistry
	128	Botany Paper- X (19201502) Genetics
	129	Zoology Paper- X (19201521) Principles of Genetics
	130	Mathematics Paper- X (19201525) Complex Analysis
	131	Statistics Paper- X (19201529) Probability Distributions
	132	Geology Paper- X (19201535) Hydrogeology
	133	Microbiology Paper- X (19201540) Agricultural Microbiology
	134	Electronics Paper- X (19201549) Fundamentals of Microcontroller
	135	Computer Science Paper- X (19201544) Core Java

B.Sc. Sem - V (New w.e.f. June 2021)
(CBCS Pattern-2019)

(Cont...)

Day & Date	Sr. No.	Subject Time: 5:00 p.m. to 6:00 p.m
		Special Paper - XI
Sunday 17/07/2022	136	Physics Paper XI (19201513) Classical Mechanics
	137	Chemistry Paper XI (19201508) Organic Chemistry
	138	Botany Paper XI (19201503) MOLECULAR BIOLOGY
	139	Zoology Paper XI (19201522) Endocrinology
	140	Mathematics Paper XI (19201526) Real Analysis
	141	Statistics Paper XI (19201530) Sampling Techniques
	142	Geology Paper XI (19201536) Applied Geology – Engineering Geology
	143	Microbiology Paper XI (19201541) Immunology
	144	Electronics Paper XI (19201550) Sensors and Transducers
	145	Computer Science Paper XI (19201545) Operating System
		Special Paper - XII
Monday 18/07/2022	146	Physics Paper XII Nuclear Physics (19201514)
	147	Chemistry Paper XII Analytical and Industrial Physical Chemistry (19201509)
	148	OR Methodology and Materials of Industrial Importance (19201510)
	149	Botany Paper XII Plant Breeding (19201504)
	150	OR ECONOMIC BOTANY (19201505)

151	Zoology Paper XII Wildlife Conservation & Management (19201523)
152	Mathematics Paper XII Partial Differential Equations (19201527-A)
153	OR Mathematical Analysis (19201527-B)
154	Statistics Paper XII Operations Research (19201531)
155	OR Regression Analysis (19201532)
156	Geology Paper XII Applied Geology – Prospecting and Mining Geology (19201537)
157	Microbiology Paper XII Industrial Microbiology (19201542)
158	Electronics Paper XII Biomedical Electronics (19201551)
159	OR Electronics Communication(19201552)
160	Computer Science Paper XII Python (19201546)

B.Sc. Sem - V (New w.e.f. June 2021) (Cont...)
(CBCS Pattern-2019)

Skill Based Course Added on Courses

Day & Date	Sr. No.	Subject Time: 5:00 p.m. to 6:00 p.m
		Special Paper - XI
Tuesday 19/07/2022	161	Certificate Course in testing and Repairs of Electric Appliances (19201515)
	162	Thin film deposition and Characterization Techniques (19201516)
	163	Scientific Research Substrate Cleaning Paper Writing and Publications (19201517)
	164	Medical Physics (19201518)
	165	Energy Resources (19201519)
	166	Geoinformatics (19201538)
	167	Linux (19201547)
	168	MS-EXCEL (19201533)

B.Sc. Sem - V (w.e.f. June 2018)
(CBCS Pattern-2016) (Old up to MAR-2022)

Day & Date	Sr. No.	Subject Time: 5:00 p.m. to 6:00 p.m
Thursday 14/07/2022	169	English (Compulsory) Literary Quest (201501)
		Special Paper - IX
Friday 15/07/2022	170	Physics Paper- IX (201502) Mathematical Physics & Statistical Physics
	171	Chemistry Paper- IX (201506) Physical Chemistry
	172	Botany Paper- IX (201514) Reproductive Biology of Angiosperms
	173	Zoology Paper- IX (201518) Non-chordates
	174	Mathematics Paper- IX (201510) Algebra-II
	175	Statistics Paper- IX (201534) Statistical Inference– I
	176	Geology Paper- IX (201522) Earth's Physics and Dynamics
	177	Microbiology Paper- IX (201526) Virology
	178	Electronics Paper- IX (201530) Linear Integrated Circuits and Applications
	179	Computer Science Paper- IX (201538) Visual Programming using C++
Saturday 16/07/2022	180	Physics Paper-X (201503) Solid State Physics
	181	Chemistry Paper- X (201507) Inorganic Chemistry
	182	Botany Paper- X (201515) Genetics
	183	Zoology Paper- X (201519) Developmental Biology
	184	Mathematics Paper- X (201511) Complex Analysis
	185	Statistics Paper- X (201535) Probability Distributions
	186	Geology Paper- X (201523) Geomorphology
	187	Microbiology Paper- X (201527) Agricultural Microbiology
	188	Electronics Paper- X (201531) Fundamentals of Microcontroller
	189	Computer Science Paper- X (201539) Core Java

[i.e. (xxx) indicated for Computer Paper Code No.]

B.Sc. Sem - V (w.e.f. June 2018) (Cont...)
(CBCS Pattern-2016) (Old up to MAR-2022)

Day & Date	Sr. No.	Subject Time: 5:00 p.m. to 6:00 p.m
		Special Paper - XI
Sunday 17/07/2022	190	Physics Paper XI (201504) Classical Mechanics
	191	Chemistry Paper XI (201508) Organic Chemistry
	192	Botany Paper XI (201516) Plant Physiology
	193	Zoology Paper XI (201520) Comparative Anatomy of Chordates
	194	Mathematics Paper XI (201512) Integral Calculus
	195	Statistics Paper XI (201536) Sampling Techniques
	196	Geology Paper XI (201524) Stratigraphy of India Part – I
	197	Microbiology Paper XI (201528) Immunology
	198	Electronics Paper XI (201532) Sensors and Transducers
	199	Computer Science Paper XI (201540) Operating System
		Special Paper - XII
Monday 18/07/2022	200	Physics Paper XII Nuclear Physics (201505)
		OR
	201	Energy Studies (201542)
	202	Chemistry Paper XII Analytical and Industrial Physical Chemistry (201509)
	203	OR Methodology and Materials of Industrial Importance(201543)
	204	Botany Paper XII Plant Breeding (201517)
205	OR Nursery and Gardening(201545)	

206	Zoology Paper XII Biostatistics, Bioinformatics, Medical Zoology and Evolutionary Biology(201521)
207	OR Biodiversity & Conservation Biology(201546)
208	Mathematics Paper XII Partial Differential Equations (201513)
209	OR Mathematical Analysis (201544)
210	Statistics Paper XII Operations Research(201537)
211	OR Regression Analysis(201550)
212	Geology Paper XII Applied Geology Part – I(201525)
213	OR Crystallography and Optical Mineralogy(201547)
214	Microbiology Paper XII Industrial Microbiology- I(201529)
215	OR Industrial Microbiology- II(201548)
216	Electronics Paper XII Biomedical Electronics (201533)
217	OR Electronics Communication(201549)
218	Computer Science Paper XII Python (201541)
219	OR Software Testing (201551)

B.Sc. Sem – VI (New w.e.f. Nov. 2021) (CBCS Pattern-2019)		
Day & Date	Sr. No.	Subject Time: 11:00 a.m. to 12:00 p.m
Thursday 14/07/2022	220	English (Compulsory) (19201600) Literary Mindscapes - I
		Special Paper-XIII
Friday 15/07/2022	221	Physics Paper-XIII (19201619) Electrodynamics
	222	Chemistry Paper-XIII (19201610) Physical Chemistry
	223	Botany Paper- XIII (19201601) Plant Pathology
	224	Zoology Paper- XIII (19201627) Animal Physiology: Life Sustaining Systems
	225	Mathematics Paper- XIII (19201635) Metric Spaces
	226	Statistics Paper- XIII (19201643) Statistical Inference-II
	227	Geology Paper- XIII (19201652) Photogeology & Remote Sensing
	228	Microbiology Paper- XIII (19201660) Microbial Genetics
	229	Electronics Paper- XIII (19201676) Power Electronics
	230	Computer Science Paper- XIV (19201668) Web Technology
		Special Paper -XIV
Saturday 16/07/2022	231	Physics Paper-XIV Materials Science (19201620)
	232	Chemistry Paper- XIV Inorganic Chemistry (19201611)
	233	Botany Paper- XIV Plant Biotechnology (19201602)
	234	Zoology Paper- XIV - Evolutionary Biology (19201628)
	235	Mathematics Paper- XIV Numerical Analysis (19201636)
	236	Statistics Paper- XIV Probability Theory (19201644)
	237	Geology Paper- XIV Geomorphology and Geotectonics (19201653)
	238	Microbiology Paper- XIV Microbial Biochemistry (19201661)
	239	Electronics Paper- XIV Embedded System Design (19201677)
	240	Computer Science Paper- XV Advanced Java (19201669)

B.Sc. Sem – VI (New w.e.f. Nov. 2021) (CBCS Pattern-2019)		
Day & Date	Sr. No	Subject Time: 11:00 a.m. to 12:00 p.m
		Special Paper XV
Sunday 17/07/2022	241	Physics Paper-XV (19201621) Atomic, Molecular Physics and Quantum Mechanics
	242	Chemistry Paper- XV (19201612) Organic Chemistry
	243	Botany Paper- XV (19201603) Cell Biology
	244	Zoology Paper- XV (19201629) Animal Behavior And Chronobiology
	245	Mathematics Paper- XV (19201637) Graph Theory
	246	Statistics Paper- XV (19201645) Designs of Experiments
	247	Geology Paper- XV (19201654) -Environmental Geology
	248	Microbiology Paper- XV (19201662) Clinical Microbiology
	249	Electronics Paper- XV (19201678) Electronics Instrumentation
	250	Computer Science Paper- XVI (19201670) Data Communication and Networking – II
		Special Paper XVI
Monday 18/07/2022	251	Physics Paper-XVI Electronics (19201622)
	252	Chemistry Paper- XVI Analytical and Industrial Organic Chemistry(19201617)
	253	OR Applied Organic Chemistry (19201618)
	254	Botany Paper- XVI Nursery, Gardening & Horticulture (19201608) OR
	255	Biostatistics (19201609)
	256	Zoology Paper- XVI Applied Zoology (19201630)
257	Mathematics Paper- XVI Integral Calculus (19201638-A)	
258	OR Programming in C (19201638-B)	

	259	Statistics Paper- XVI Quality Management and Reliability (19201650)
	260	OR Time Series Analysis (19201651)
	261	Geology Paper- XVI (19201655) Geochemistry
	262	Microbiology Paper- XVI (19201663) Environmental Microbiology
	263	Electronics Paper- XVI Virtual Instrumentation (19201683)OR
	264	Modern Communication Systems (19201684)
	265	Computer Science Paper- XVII (19201671) Advanced Python
Tuesday 19/07/2022	266	Software Testing (19201671-01)

B.Sc. Sem – VI (w.e.f. Nov. 2018)
(CBCS Pattern-2016) (Old up to OCT-2022)

Day & Date	Sr. No.	Subject Time: 11:00 a.m. to 12:00 p.m
Thursday 14/07/2022	267	English (Compulsory) (201601) Literary Quest
		Special Paper-XIII
Friday 15/07/2022	268	Physics Paper-XIII (201602) Electrodynamics
	269	Chemistry Paper-XIII (201607) Physical Chemistry
	270	Botany Paper- XIII (201617) Molecular Biology
	271	Zoology Paper- XIII (201622) Physiology
	272	Mathematics Paper- XIII (201612) Metric Spaces
	273	Statistics Paper- XIII (201642) Statistical Inference–II
	274	Geology Paper- XIII (201627) Economic Geology and Prospecting
	275	Microbiology Paper- XIII (201632) Microbial Genetics
	276	Electronics Paper- XIII (201637) Power Electronics
	277	Computer Science Paper- XIII (201647) Web Technology
		Special Paper -XIV
Saturday 16/07/2022	278	Physics Paper-XIV Materials Science (201603)
	279	Chemistry Paper- XIV Inorganic Chemistry (201608)
	280	Botany Paper- XIV Plant Biotechnology (201618)
	281	Zoology Paper- XIV Economic Zoology (201623)
	282	Mathematics Paper- XIV Numerical Analysis (201613)
	283	Statistics Paper- XIV Probability Theory (201643)
	284	Geology Paper- XIV Environmental Geology (201628)
	285	Microbiology Paper- XIV Microbial Biochemistry (201633)
	286	Electronics Paper- XIV Embedded System Design (201638)
	287	Computer Science Paper- XIV Advanced Java (201648)

B.Sc. Sem – VI (w.e.f. Nov. 2018) (CBCS Pattern-2016) (Old up to OCT-2022)		
Day & Date	Sr. No	Subject Time: 11:00 a.m. to 12:00 p.m
		Special Paper XV
Sunday 17/07/2022	288	Physics Paper-XV (201604) Atomic, Molecular Physics and Quantum Mechanics
	289	Chemistry Paper- XV (201609) Organic Chemistry
	290	Botany Paper- XV (201619) Plant Metabolism
	291	Zoology Paper- XV (201624) Molecular Biology and Biotechnology
	292	Mathematics Paper- XV (201614) Programming in C
	293	Statistics Paper- XV (201644) Designs of Experiments
	294	Geology Paper- XV (201629) Stratigraphy of India Part – II
	295	Microbiology Paper- XV (201634) Environmental Microbiology
	296	Electronics Paper- XV (201639) Electronics Instrumentation
	297	Computer Science Paper- XV (201649) Data Communication and Networking – II
		Special Paper XVI
Monday 18/07/2022	298	Physics Paper-XVI Electronics (201605) OR
	299	Instrumentation (201652)
	300	Chemistry Paper- XVI Analytical and Industrial Organic Chemistry(201610) OR
	301	Applied Organic Chemistry (201653)
	302	Botany Paper- XVI Biostatistics (201620) OR
	303	Horticultural practices and post harvest technology (201655)
	304	Zoology Paper- XVI Endocrinology, Environmental Biology and Toxicology (201625) OR
	305	Techniques in Biology (201656)
306	Mathematics Paper- XVI Integral Transform (201615) OR	
307	Graph Theory and Combinatorics (201654)	

308	Statistics Paper- XVI Quality Management and Reliability (201645)
309	OR Time Series Analysis (201660)
310	Geology Paper- XVI (201657) Applied Geology Part – II
311	OR Geochemistry (201630)
312	Microbiology Paper- XVI Clinical Microbiology-I (201635)
313	OR Clinical Microbiology-II (201658)
314	Electronics Paper- XVI Virtual Instrumentation (201640)
315	OR Modern Communication Systems (201659)
316	Computer Science Paper- XVI Angular JS (201650)
317	OR Linux Operating System (201661)

Note:

1. The Practical Examination will be CONDUCTED BEFORE /AFTER THE THEORY EXAMINATION AND THE PROGRAM WILL BE COMMUNICATED SEPARATELY.
2. The students are allowed to use the calculators for Numerical calculations at their own cost. University will not supply such calculators.
3. Cellular phone, Pager, Programmable Scientific Calculator and Digital Diary or any Means which can be used for unfair practice are not allowed in the Examination hall.
4. The Examination Programme is subject to change. If there is any change the University is not responsible for the loss or inconvenience caused to the candidates.
5. **(Important Note:** Code Numbers given in the Bracket are Computer Code of respective Subjects, Students should mention these Code Numbers on Answer Books with Name of the Subject. Also write these Code Numbers on JSR (Junior Supervisor Report) and related documents)

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Date: 22/06/2022

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Director

Board of Examinations and Evaluation