



PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

REVISED FINAL PROGRAM OF B.Sc. SEMESTER – I TO VI EXAMINATION TO BE HELD IN OCT/NOV -2019

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 Bhausaheb Zadbuke Mahavidyalaya
7		SMB	Shri. Shivaji Mahavidyalaya
8	SHELGAON	HCCB	Hemuji Chande 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
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.

B.Sc. Sem – I (New w.e.f. June 2019)				
(CBCS Pattern-2019)				
Day & Date	Sr. No	Subject Time: 11:30 a.m. to 01:30 p.m.	Sr. No.	Subject Time: 03:00 p.m. to 05:00 p.m.
Thursday 07/11/2019	--	----	1	(w.e.f. June 2019) English (Comp.) Golden Petal (19201101)
Friday 08/11/2019	2	CHEMISTRY Paper-I Physical Chemistry (19201106)	12	COMPUTER SCIENCE Paper-I Fundamental of Computer (19201120)
Saturday 09/11/2019	3	CHEMISTRY Paper-II (19201107) Inorganic Chemistry	13	COMPUTER SCIENCE Paper-II Programming Using C-I (19201121)
Monday 11/11/2019	4	PHYSICS Paper-I DSC 1A Mechanics and properties of matter. (19201104)	22	MICROBIOLOGY Paper-I Fundamentals of Microbiology (19201114)
Wednesday 13/11/2019	5	PHYSICS Paper-II DSC 1A: Optics and Laser (19201105)	25	MICROBIOLOGY Paper-II (19201115) Basic Techniques in Microbiology
Thursday 14/11/2019	6	STATISTICS Paper-I Descriptive Statistics-I (19201108)	16	ZOOLOGY Paper-I Animal Diversity I (19201122)
Friday 15/11/2019	7	STATISTICS Paper-II Probability and Probability Distributions-I (19201109)	17	ZOOLOGY Paper-II Animal diversity-II (19201123)
Saturday 16/11/2019	8	MATHEMATICS Paper-I Algebra (19201116)	18	BOTANY Paper-I (19201102) Microbiology and Psychology
Monday 18/11/2019	9	MATHEMATICS Paper-II Calculus (19201117)	19	BOTANY Paper-II (19201103) Fungi and Archegoniate
Tuesday 19/11/2019	10	ELECTRONICS Paper-I Basic Circuit Theory and Network Analysis (19201118)	20	PSYCHOLOGY Paper-I General Psychology I (19201112)
	14	GEOGRAPHY Paper – I Geomorphology- I (19201124)	21	GEOLOGY Paper-I (19201110) PHYSICAL GEOLOGY
Wednesday 20/11/2019	11	ELECTRONICS Paper-II Digital Fundamentals (19201119)	23	PSYCHOLOGY Paper-II (19201113) Developmental Psychology
	15	GEOGRAPHY Paper – II Geomorphology-II (19201125)	24	GEOLOGY Paper-II (19201111) STRUCTURAL GEOLOGY

B.Sc. Sem – I (w.e.f. June 2016) (CBCS Pattern-2016) (Old Up to March 2020)				
Day & Date	Sr. No	Subject Time: 11:30 a.m. to 02:00 p.m.	Sr. No.	Subject Time: 03:00 p.m. to 05:30 p.m.
Thursday 07/11/2019	--	-----	26	(w.e.f. June 2017) English (Comp.) (17201101) Golden Petal
Friday 08/11/2019	27	CHEMISTRY Paper–I (201106) Physical Chemistry	37	COMPUTER SCIENCE Paper-I (201120) Fundamental of Computer
Saturday 09/11/2019	28	CHEMISTRY Paper–II (201107) Inorganic Chemistry	38	COMPUTER SCIENCE Paper–II Programming Using - C (201121)
Monday 11/11/2019	29	PHYSICS Paper-I (201104) Mechanics and properties of matter	47	MICROBIOLOGY Paper–I (201114) Introduction to Microbiology and Microbial Diversity
Wednesday 13/11/2019	30	PHYSICS Paper-II (201105) Optics and Laser	50	MICROBIOLOGY Paper–II (201115) Microbial Techniques
Thursday 14/11/2019	31	STATISTICS Paper–I (201108) Descriptive Statistics-I	41	ZOOLOGY Paper–I (201122) Animal Diversity I
Friday 15/11/2019	32	STATISTICS Paper–II (201109) Probability and Probability Distributions-I	42	ZOOLOGY Paper–II(201123) Cell Biology and Genetics
Saturday 16/11/2019	33	MATHEMATICS Paper–I (201116) Algebra	43	BOTANY Paper–I (201102) Microbiology and Phycology
Monday 18/11/2019	34	MATHEMATICS Paper-II (201117) Calculus	44	BOTANY Paper–II (201103) Biomolecules and Cell Biology
Tuesday 19/11/2019	35	ELECTRONICS Paper–I (201118) Basic Circuit Theory and Network Analysis	45	PSYCHOLOGY Paper–I (201112) General Psychology
	39	PHYSICAL GEOGRAPHY Paper – I Geomorphology (201124)	46	GEOLOGY Paper–I (201110) Mineralogy and Paleontology
Wednesday 20/11/2019	36	ELECTRONICS Paper–II (201119) Digital Fundamentals	48	PSYCHOLOGY Paper–II (201113) Human Development
	40	PHYSICAL GEOGRAPHY Paper – II Geomorphology (201125)	49	GEOLOGY Paper–II (201111) Igneous, Sedimentary and Metamorphic Petrology

B.Sc. Sem – II (w.e.f. Nov 2016) (CBCS Pattern-2016)				
Day & Date	Sr. No	Subject Time: 08:00 a.m. to 10:30 a.m.	Sr. No.	Subject Time: 11:30 a.m. to 02:00 p.m.
Saturday 05/10/2019	---	----	51	(w.e.f. Nov 2017) English (Comp.) (17201201) Golden Petal
Monday 07/10/2019	52	CHEMISTRY Paper–III (201206) Organic Chemistry	62	COMPUTER SCIENCE Paper-III (201220) Introduction to Web Designing
Wednesday 09/10/2019	53	CHEMISTRY Paper–IV (201207) Analytical Chemistry	63	COMPUTER SCIENCE Paper–IV (201221) Introduction to Programming Using C - II
Thursday 10/10/2019	54	PHYSICS Paper-III (201204) Heat and Thermodynamics	72	MICROBIOLOGY Paper–III(201214) Microbial Biochemistry and Physiology
Friday 11/10/2019	55	PHYSICS Paper-IV (201205) Electricity, Magnetism and Basic Electronics	75	MICROBIOLOGY Paper–IV (201215) Applied Microbiology
Saturday 12/10/2019	56	STATISTICS Paper–III (201208) Descriptive Statistics-II	66	ZOOLOGY Paper–III (201222) Animal Diversity – II
Monday 14/10/2019	57	STATISTICS Paper–IV (201209) Probability and Probability Distributions-II	67	ZOOLOGY Paper–IV(201223) Ecology, Ethology, Evolution and Applied Zoology
Tuesday 15/10/2019	58	MATHEMATICS Paper–III (201216) Geometry	68	BOTANY Paper–III (201202) Mycology and Phytopathology
Wednesday 16/10/2019	59	MATHEMATICS Paper-IV (201217) Differential Equations	69	BOTANY Paper–IV (201203) Archegoniate Bryophytes, Pteridophytes, Gymnosperm
Thursday 17/10/2019	60	ELECTRONICS Paper–III (201218) Semiconductor Devices	70	PSYCHOLOGY Paper–III (201212) General Psychology
	64	PHYSICAL GEOGRAPHY Paper – III Climatology (201224)	71	GEOLOGY Paper–III (201210) Introduction to General Geology
Friday 18/10/2019	61	ELECTRONICS Paper–IV (201219) Digital Electronics	73	PSYCHOLOGY Paper–IV (201213) Human Development
	65	PHYSICAL GEOGRAPHY Paper – IV Oceanography (201225)	74	GEOLOGY Paper–IV(201211) Introduction to Physical Geology

B.Sc. Sem-II (First Year) (w.e.f. Nov 2017)			
Day & Date	Sr. No.	SUBJECT Time: 08:30 am to 09:30 am	Candidates note that Democracy, Elections and Good Governance Examination will be conducted in their Parent (home) College
Sunday 17/11/2019	283	Democracy, Elections and Good Governance	

B.Sc. Sem - III (w.e.f. June 2017) (CBCS Pattern-2016)					
Day & Date	Sr. No	Subject Time: 03:00 p.m. to 05:30 p.m.	Day & Date	Sr. No	Subject Time: 03:00 p.m. to 05:30 p.m..
Saturday 05/10/2019	76	CHEMISTRY Paper-V (201305) Organic Chemistry	Friday 18/10/2019	88	COMPUTER SCIENCE Paper-V (201317) Object Oriented Programming using C++
Monday 07/10/2019	77	CHEMISTRY Paper-VI (201306) Inorganic Chemistry	Saturday 19/10/2019	89	COMPUTER SCIENCE Paper-VI (201318) Software Engineering
Wednesday 09/10/2019	78	PHYSICS Paper-V (201303) General Physics, Heat and Sound	Wednesday 06/11/2019	90	BIO-CHEMISTRY Paper-I (201331) Biomolecules
				91	PLANT PROTECTION Paper-I (201327) Major Crops and Methods of Integrated Plant protection
Thursday 10/10/2019	79	PHYSICS Paper-VI (201304) Electronics	Thursday 07/11/2019	92	BIO-CHEMISTRY Paper-II (201332) Biochemical Techniques
				93	PLANT PROTECTION Paper-II (201328) Crop Diseases and their management
Friday 11/10/2019	80	STATISTICS Paper-V (201307) Continuous Probability Distributions	Wednesday 23/10/2019	94	METEOROLOGY Paper-I (201323) Climatology
				95	GEO-CHEMISTRY Paper-I (201325) Introduction to Geochemistry
				96	ZOOLOGY Paper-V (201319) Animal Diversity – III
Saturday 12/10/2019	81	STATISTICS Paper-VI (201308) Discrete Probability Distributions and Statistical Methods	Thursday 24/10/2019	97	METEOROLOGY Paper-II (201324) General Meteorology
				98	GEO-CHEMISTRY Paper-II (201326) Introduction to Solar System and Geo-Sphers
				99	ZOOLOGY Paper-VI(201320) Cell Science, Genetics, Biological Chemistry and Economic Zoology
Monday 14/10/2019	82	MATHEMATICS Paper-V (201313) Differential Calculus	Friday 25/10/2019	100	BOTANY Paper-V (201301) Anatomy and Taxonomy of Angiosperms
Tuesday 15/10/2019	83	MATHEMATICS Paper-VI (201314) Real Analysis	Saturday 02/11/2019	101	BOTANY Paper-VI (201302) Plant Ecology
Wednesday 16/10/2019	84	ELECTRONICS Paper-V (201315) Electronic Circuits	Monday 04/11/2019	102	PSYCHOLOGY Paper-V (201329) Experimental Psychology
	85	GEOGRAPHY Paper-V (201321) Biogeography - I		103	GEOLOGY Paper-V (201309) Optics and Mineralogy
				104	MICROBIOLOGY Paper-V (201311) Cytology and Physiology of Microorganisms
Thursday 17/10/2019	86	ELECTRONICS Paper-VI (201316) Pulse & Switching Circuits	Tuesday 05/11/2019	105	PSYCHOLOGY Paper-VI (201330) Social Psychology
	87	GEOGRAPHY Paper-VI (201322) Soil Science		106	GEOLOGY Paper-VI (201310) Structural Geology
				107	MICROBIOLOGY Paper-VI (201312) Bacterial Genetics

B.Sc. Sem – IV (w.e.f. Nov 2017) (CBCS Pattern-2016)					
Day & Date	Sr. No	Subject Time: 08:00 a.m. to 10:30 a.m.	Day & Date	Sr. No.	Subject Time: 11:30 a.m. to 02:00 p.m.
Saturday 19/10/2019	108	CHEMISTRY Paper–VII(201407) Physical Chemistry	Saturday 19/10/2019	120	COMPUTER SCIENCE Paper- VII (201425) Data Structures
Thursday 07/11/2019	109	CHEMISTRY Paper–VIII(201408) Analytical & Industrial Inorganic Chemistry	Thursday 07/11/2019	121	COMPUTER SCIENCE Paper– VIII(201426) DBMS Using Oracle
Friday 08/11/2019	110	PHYSICS Paper-VII (201404) Optics	Friday 08/11/2019	122	BIO-CHEMISTRY Paper-III (201446) Nutrition and Metabolism
Wednesday 23/10/2019	111	PHYSICS Paper-VIII (201405) Modern Physics	Wednesday 23/10/2019	123	PLANT PROTECTION Paper–III (201440) Introduction to weeds & non insect Pests
Thursday 24/10/2019	112	STATISTICS Paper–VII (201410) Continuous Probability Distributions and Exact Sampling Distributions	Thursday 24/10/2019	124	BIO-CHEMISTRY Paper-IV (201447) Molecular Biochemistry & Diseases
Friday 25/10/2019	113	STATISTICS Paper–VIII(201411) Applied Statistics	Friday 25/10/2019	125	PLANT PROTECTION Paper–IV (201441) Insect pests and their Management
Saturday 02/11/2019	114	MATHEMATICS Paper–VII(201419) Differential Equations	Thursday 24/10/2019	126	METEOROLOGY Paper–III (201434) Applied Climatology
Monday 04/11/2019	115	MATHEMATICS Paper–VIII(201420) Abstract Algebra – I	Friday 25/10/2019	127	GEO-CHEMISTRY Paper-III (201437) Principles of Geochemistry
Tuesday 05/11/2019	116	GEOGRAPHY Paper–VII (201431) Biogeography – II	Friday 25/10/2019	128	ZOOLOGY Paper–VII(201428) Animal Diversity – IV
Wednesday 06/11/2019	117	ELECTRONICS Paper–VII (201422) Fundamentals of Operational Amplifier	Friday 25/10/2019	129	METEOROLOGY Paper–IV (201435) Meteorological Instruments
Wednesday 06/11/2019	118	GEOGRAPHY Paper–VIII (201432) Agricultural Geography	Monday 04/11/2019	130	GEO-CHEMISTRY Paper-IV (201438) Chemistry of the Earth
Wednesday 06/11/2019	119	ELECTRONICS Paper–VIII (201423) Digital Techniques and Microprocessor	Monday 04/11/2019	131	ZOOLOGY Paper–VIII(201429) Histology & Physiology
			Saturday 02/11/2019	132	BOTANY Paper–VII (201401) Plant Physiology and Cytogenetics
			Monday 04/11/2019	133	BOTANY Paper–VIII (201402) Economic Botany
			Tuesday 05/11/2019	134	PSYCHOLOGY Paper–VII(201443) Cognitive Psychology
			Tuesday 05/11/2019	135	GEOLOGY Paper–VII(201413) Igneous Petrology
			Tuesday 05/11/2019	136	MICROBIOLOGY Paper–VII(201416) Immunology & Medical Microbiology
			Wednesday 06/11/2019	137	PSYCHOLOGY Paper–VIII(201444) Positive Psychology
			Wednesday 06/11/2019	138	GEOLOGY Paper–VIII (201414) Sedimentary & Metamorphic Petrology
			Wednesday 06/11/2019	139	MICROBIOLOGY Paper–VIII(201417) IndustrialMicrobiology-II

B.Sc. Sem-IV (w.e.f. Nov 2017)			
Day & Date	Sr. No.	SUBJECT Time: 10:00 a.m. to 12:30 p.m.	Candidates note that Environmental Studies Examination will be conducted in their Parent College
Sunday 17/11/2019	284	Environmental Studies (2015)	

B.Sc. Sem - V (New w.e.f. June 2018)**(CBCS Pattern-2016)**

Day & Date	Sr. No.	Subject Time: 11:30 a.m. to 02:00 p.m.
Saturday 05/10/2019	140	English (Compulsory) Literary Quest (201501)
		Special Paper - IX
Monday 07/10/2019	141	Physics Paper- IX (201502) Mathematical Physics & Statistical Physics
	142	Chemistry Paper- IX (201506) Physical Chemistry
	143	Botany Paper- IX (201514) Reproductive Biology of Angiosperms
	144	Zoology Paper- IX (201518) Non-chordates
	145	Mathematics Paper- IX (201510) Algebra-II
	146	Statistics Paper- IX (201534) Statistical Inference– I
	147	Geology Paper- IX (201522) Earth's Physics and Dynamics
	148	Microbiology Paper- IX (201526) Virology
	149	Electronics Paper- IX (201530) Linear Integrated Circuits and Applications
	150	Computer Science Paper- IX (201538) Visual Programming using C++
Wednesday 09/10/2019	151	Physics Paper-X (201503) Solid State Physics
	152	Chemistry Paper- X (201507) Inorganic Chemistry
	153	Botany Paper- X (201515) Genetics
	154	Zoology Paper- X (201519) Developmental Biology
	155	Mathematics Paper- X (201511) Complex Analysis
	156	Statistics Paper- X (201535) Probability Distributions
	157	Geology Paper- X (201523) Geomorphology
	158	Microbiology Paper- X (201527) Agricultural Microbiology
	159	Electronics Paper- X (201531) Fundamentals of Microcontroller
	160	Computer Science Paper- X (201539) Core Java

B.Sc. Sem - V (New w.e.f. June 2018) (Cont...) (CBCS Pattern-2016)		
Day & Date	Sr. No.	Subject Time: 11:30 a.m. to 02:00 p.m.
		Special Paper - XI
Thursday 10/10/2019	161	Physics Paper XI (201504) Classical Mechanics
	162	Chemistry Paper XI (201508) Organic Chemistry
	163	Botany Paper XI (201516) Plant Physiology
	164	Zoology Paper XI (201520) Comparative Anatomy of Chordates
	165	Mathematics Paper XI (201512) Integral Calculus
	166	Statistics Paper XI (201536) Sampling Techniques
	167	Geology Paper XI (201524) Stratigraphy of India Part – I
	168	Microbiology Paper XI (201528) Immunology
	169	Electronics Paper XI (201532) Sensors and Transducers
	170	Computer Science Paper XI (201540) Operating System

		Special Paper - XII
Friday 11/10/2019		Physics Paper XII
	171	Nuclear Physics (201505) OR
	172	Energy Studies (201542)
		Chemistry Paper XII
	173	Analytical and Industrial Physical Chemistry (201509) OR
	174	Methodology and Materials of Industrial Importance (201543)
		Botany Paper XII
	175	Plant Breeding (201517) OR
	176	Nursery and Gardening (201545)
		Zoology Paper XII
	177	Biostatistics, Bioinformatics, Medical Zoology and Evolutionary Biology (201521) OR
	178	Biodiversity & Conservation Biology (201546)
		Mathematics Paper XII
	179	Partial Differential Equations (201513) OR
	180	Mathematical Analysis (201544)
		Statistics Paper XII
	181	Operations Research (201537) OR
	182	Regression Analysis (201550)
		Geology Paper XII
183	Applied Geology Part – I (201525) OR	
184	Crystallography and Optical Mineralogy (201547)	
	Microbiology Paper XII	
185	Industrial Microbiology- I (201529) OR	
186	Industrial Microbiology- II (201548)	
	Electronics Paper XII	
187	Biomedical Electronics (201533) OR	
188	Electronics Communication (201549)	
	Computer Science Paper XII	
189	Python (201541) OR	
190	Software Testing (201551)	

B.Sc. Sem – VI (New w.e.f. Nov. 2018) (CBCS Pattern-2016)		
Day & Date	Sr. No.	Subject Time: 08:00 a.m. to 10:30 a.m.
Saturday 5/10/2019	191	English (Compulsory) (201601) Literary Quest
		Special Paper-XIII
Monday 7/10/2019	192	Physics Paper-XIII Electrodynamics
	193	Chemistry Paper-XIII (201607) Physical Chemistry
	194	Botany Paper- XIII (201617) Molecular Biology
	195	Zoology Paper- XIII (201622) Physiology
	196	Mathematics Paper- XIII (201612) Metric Spaces
	197	Statistics Paper- XIII (201642) Statistical Inference–II
	198	Geology Paper- XIII (201627) Economic Geology and Prospecting
	199	Microbiology Paper- XIII (201632) Microbial Genetics
	200	Electronics Paper- XIII (201637) Power Electronics
	201	Computer Science Paper- XIII (201647) Web Technology
		Special Paper -XIV
Wednesday 9/10/2019	202	Physics Paper-XIV Materials Science (201603)
	203	Chemistry Paper- XIV Inorganic Chemistry (201608)
	204	Botany Paper- XIV Plant Biotechnology (201618)
	205	Zoology Paper- XIV Economic Zoology (201623)
	206	Mathematics Paper- XIV Numerical Analysis (201613)
	207	Statistics Paper- XIV Probability Theory (201643)
	208	Geology Paper- XIV Environmental Geology (201628)
	209	Microbiology Paper- XIV Microbial Biochemistry (201633)
	210	Electronics Paper- XIV Embedded System Design (201638)
	211	Computer Science Paper- XIV Advanced Java (201648)

B.Sc. Sem – VI (New w.e.f. Nov. 2018) (CBCS Pattern-2016)		
Day & Date	Sr. No	Subject Time: 08:00 a.m. to 10:30 a.m
		Special Paper XV
Thursday 10/10/2019	212	Physics Paper-XV (201604) Atomic, Molecular Physics and Quantum Mechanics
	213	Chemistry Paper- XV (201609) Organic Chemistry
	214	Botany Paper- XV (201619) Plant Metabolism
	215	Zoology Paper- XV (201624) Molecular Biology and Biotechnology
	216	Mathematics Paper- XV (201614) Integral Transform
	217	Statistics Paper- XV (201644) Designs of Experiments
	218	Geology Paper- XV (201629) Stratigraphy of India Part – II
	219	Microbiology Paper- XV (201634) Environmental Microbiology
	220	Electronics Paper- XV (201639) Electronics Instrumentation
	221	Computer Science Paper- XV (201649) Data Communication and Networking – II
		Special Paper XVI
Friday 11/10/2019	222	Physics Paper-XVI Electronics (201605)
	223	OR Instrumentation (201652)
	224	Chemistry Paper- XVI Analytical and Industrial Organic Chemistry (201610)
	225	OR Applied Organic Chemistry (201653)
	226	Botany Paper- XVI Biostatistics (201620)
	227	OR Horticultural practices and post harvest technology (201655)
	228	Zoology Paper- XVI Endocrinology, Environmental Biology and Toxicology (201625)
	229	OR Techniques in Biology (201656)
230	Mathematics Paper- XVI Programming in C (201615)	
231	OR Graph Theory and Combinatorics	

	232	Statistics Paper- XVI Quality Management and Reliability (201645) OR
	233	Time Series Analysis (201660)
	234	Geology Paper- XVI (201657) Applied Geology Part – II OR
	283	Geochemistry
	236	Microbiology Paper- XVI Clinical Microbiology-I (201635) OR
	237	Clinical Microbiology-II (201658)
	238	Electronics Paper- XVI Modern Communication Systems (201640) OR
	239	Virtual Instrumentation (201659)
	240	Computer Science Paper- XVI (201650) Angular JS OR
	241	Linux Operating System (201661)

B.Sc. Sem – VI (w.e.f. Nov 2016) (CGPA Pattern-2014) (Old up to Oct 2019)		
Day & Date	Sr. No.	Subject Time: 08:00 a.m. to 10:30 a.m
Saturday 05/10/2019	242	English (Compulsory) (221601) Breakthrough
		Special Paper-XI
Monday 07/10/2019	243	Physics Paper-XI(221612) Electrodynamics
	244	Chemistry Paper-XI(221607) Physical Chemistry
	245	Botany Paper-XI(221602) Microbiology and Plant Pathology
	246	Zoology Paper-XI (221622) Physiology
	247	Mathematics Paper-XI (221617) Metric Spaces
	248	Statistics Paper-XI(221642) Statistical Inference–II
	249	Geology Paper-XI (221627) Crystallography, Principles of Stratigraphy and Earth's History
	250	Microbiology Paper-XI (221632) Microbial Genetics
	251	Electronics Paper-XI(221637) Power Electronics
	252	Computer Science Paper-XI (221647) Web Technology
Wednesday 09/10/2019	253	Physics Paper-XII(221613) Materials Science
	254	Chemistry Paper- XII(221608) Inorganic Chemistry
	255	Botany Paper- XII(221603) Systematics of Angiosperms
	256	Zoology Paper- XII(221623) Endocrinology, Environmental Biology and Toxicology
	257	Mathematics Paper- XII(221618) Numerical Analysis
	258	Statistics Paper- XII(221643) Designs of Experiment
	259	Geology Paper- XII(221628) Pre-Cambrian Stratigraphy of India
	260	Microbiology Paper- XII(221633) Microbial Biochemistry
	261	Electronics Paper- XII(221638) Advanced Communication
	262	Computer Science Paper- XII(221648) Advanced Java

B.Sc. Sem – VI (w.e.f. Nov 2016) (CGPA Pattern-2014) (Old up to Oct 2019)		
Day & Date	Sr. No	Subject Time: 08:00 a.m. to 10:30 a.m
		Special Paper XIII
Thursday 10/10/2019	263	Physics Paper-XIII(221614) Atomic, Molecular Physics and Quantum Mechanics
	264	Chemistry Paper- XIII(221609) Organic Chemistry
	265	Botany Paper- XIII(221604) Microbial Genetics, Plant Breeding and Biostatistics
	266	Zoology Paper- XIII(221624) Molecular Biology and Biotechnology
	267	Mathematics Paper- XIII(221619) Integral Transform
	268	Statistics Paper- XIII(221644) Limit Theorems, Reliability and Queuing Theory
	269	Geology Paper- XIII(221629) Phanerozoic Stratigraphy of India
	270	Microbiology Paper- XIII(221634) Environmental Microbiology
	271	Electronics Paper- XIII(221639) Embedded System Design
	272	Computer Science Paper- XIII(221649) Operating System –II
		Special Paper XIV
Friday 11/10/2019	273	Physics Paper-XIV(221615) Electronics & Instrumentation
	274	Chemistry Paper- XIV(221610) Analytical and Industrial Organic Chemistry
	275	Botany Paper- XIV(221605) Molecular Biology and Biotechnology
	276	Zoology Paper- XIV(221625) Biotechniques and Applied Zoology
	277	Mathematics Paper- XIV(221620) Programming in C
	278	Statistics Paper- XIV(221645) C – Programming
	279	Geology Paper- XIV(221630) Economic Geology
	280	Microbiology Paper- XIV(221635) Medical Microbiology
	281	Electronics Paper- XIV(221640) Measurement Instrumentation and Control System
	282	Computer Science Paper- XIV(221650) Data Communication and Networking - II

NOTE:-

1. The Practical Examination will be CONDUCTED BEFORE THE COMMENCEMENT OF THEORY EXAMINATION AND THE PROGRAM WILL BE COMMUNICATED SEPARATELY.
2. Candidate should write answer in **BLUE INK** only.
3. The use of stencil is allowed at the Examinations.
4. The students are allowed to use Non Programmable Scientific calculators for Numerical calculations at their own cost. University will not supply such calculators.
5. 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.
6. Seating arrangement is made date wise & subject wise therefore candidates are requested to see their seating arrangement one day before the date of the Examination.
7. The Examination programme is subject to change. Candidates are therefore advised to see the Final Programme. If there is any change in the examination programme the University is not responsible for the loss or inconvenience caused to the candidates.
8. (**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 : 27/09/2019

Sd/-
Director
Board of Examinations and Evaluation