

# PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

## FIANL PROGRAM OF B.Sc. SEMESTER – I TO VI MAR/APR-2023 EXAMINATION TO BE HELD IN JUNE -2023

- 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.
- 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.
- (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)
- All the Candidates are asked to follow the timely instructions given by University in accordance with the examinations methodology.
- As per the Rights of Person with Disabilities Act-2016 the persons with Disabilities are given 20 minutes extra for one per hour for the Online/Offline exam. (केंद्र शासनाच्या अपंग व्यक्ती अधिकार अधिनियम २०१६ मधील तरतूदीनुसार अपंग विद्यार्थ्यांना ऑनलाईन व ऑफलाईन परीक्षेमध्ये सर्वसाधारण विद्यार्थ्यांपेक्षा १ तासाला कमीत कमी २० मिनीट इतका वेळ वाढवून देण्यास सर्वानुमते मान्यता देण्यात आली.)

### 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		GVCB	Global Village Arts, Science & Commerce College, Boramani
6		ASCENT	Ascent College, Kandalgaon
7	PANDHARPUR	KBP	K.B.P. Mahavidyalaya
8		SKMC	Shrikurshan Mahavidyalaya, Chale
9	BARSHI	SBZ	Shriman Bhausaheb Zadbuke Mahavidyalaya
10		SMB	Shri. Shivaji Mahavidyalaya
11	SHELGAON	HCCB	Hemuji Chandele College, Shelgaon (R)
12	SANGOLA	VIMAS	Vidnyan Mahavidyalaya
13		SANG	Sangola College, Sangola
14		DASPM	Dipak Aba Salunkhe-Patil Mahavidyalaya, Kole
15	AKLUJ	SMM	Shankarrao Mohite Mahavidyalaya
16	MALSHIRAS	SGAC	Sameer Gandhi Kala Mahavidyalaya
17	KARMALA	YCMK	Yashwantrao Chavan Mahavidyalaya
18	AKKALKOT	CBK	C.B.Khedgi's College
19	NATEPUTE	SMSMPM	S.M. Shankarrao Mohite Patil College

Sr. No.	Center	College Abbreviation	Place
20	MANGALWEDHA	MMP	Madansinh Mohite-Patil Sci. Mahavidyalaya
21		SDM	Sant Damaji Mahavidyalaya
22		DMKG	Shikshan Prasarak Mandal, (Dalit Mitr Kadam Guruji Mahavidyalaya)
23	KURDUWADI	KNB	K.N.Bhise College
24	ANGAR	BPCAS	Baburao Patil College
25	WADALA	MMW	Mauli Mahavidyalaya
26	MANDRUP	SBPC	Santosh Bhimrao Patil College
27	Mohol	DSG	D.S. Garad Mahavidyalaya

**The Written Examination will be conducted in the following order**

<b>B.Sc. Sem – I (NEW w.e.f. June 2022)</b>				
<b>(CBCS Pattern-2022)</b>				
<b>Day &amp; Date</b>	<b>Sr. No</b>	<b>Subject</b> <b>Time: 9:00 a.m. To 11:00 a.m.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 12:00 p.m. To 02:00 p.m.</b>
<b>Tuesday</b> <b>18/07/2023</b>	1	<b>English (Comp.) (22221101)</b> Commucation Skill		
<b>Wednesday</b> <b>19/07/2023</b>	2	<b>CHEMISTRY Paper–I (22221106)</b> Physical Chemistry	3	<b>COMPUTER SCIENCE Paper-I (22221120)</b> Fundamental of Computer
<b>Thursday</b> <b>20/07/2023</b>	4	<b>CHEMISTRY Paper–II (22221107)</b> Inorganic Chemistry	5	<b>COMPUTER SCIENCE Paper–II (22221121)</b> Programming Using C
<b>Friday</b> <b>21/07/2023</b>	6	<b>PHYSICS Paper-I (22221104)</b> Mechanics and properties of Matter	7	<b>MICROBIOLOGY Paper–I (22221114)</b> Introduction to Microbiology and Microbial Diversity
<b>Saturday</b> <b>22/07/2023</b>	8	<b>PHYSICS Paper-II (22221105)</b> <b>Optics</b>	9	<b>MICROBIOLOGY Paper–II (22221115)</b> Cell cytology and Microbial Techniques
<b>Sunday</b> <b>23/07/2023</b>	10	<b>STATISTICS Paper–I (22221108)</b> Descriptive Statistics-I	11	<b>ZOOLOGY Paper–I (22221122)</b> Animal Diversity I
<b>Monday</b> <b>24/07/2023</b>	12	<b>STATISTICS Paper–II (22221109)</b> Elementary Probability Theory	13	<b>ZOOLOGY Paper–II (22221123)</b> Animal diversity-II
<b>Tuesday</b> <b>25/07/2023</b>	14	<b>MATHEMATICS Paper–I (22221116)</b> Algebra	15	<b>BOTANY Paper–I (22221102)</b> Microbiology and Phycology
<b>Wednesday</b> <b>26/07/2023</b>	16	<b>MATHEMATICS Paper-II (22221117)</b> Calculus	17	<b>BOTANY Paper–II (22221103)</b> Fungi and Archegoniate
<b>Thursday</b> <b>27/07/2023</b>	18	<b>ELECTRONICS Paper–I (22221118)</b> Basic Circuit Theory and Network Analysis	19	<b>PSYCHOLOGY Paper–I (22221112)</b> General Psychology I
	20	<b>GEOGRAPHY Paper – I (22221124)</b> Geomorphology- I	21	<b>GEOLOGY Paper–I (22221110)</b> PHYSICAL GEOLOGY
<b>Friday</b> <b>28/07/2023</b>	22	<b>ELECTRONICS Paper–II (22221119)</b> Digital Fundamentals	23	<b>PSYCHOLOGY Paper–II (22221113)</b> <b>Developmental Psychology</b>
	24	<b>GEOGRAPHY Paper – II (22221125)</b> Geomorphology-II	25	<b>GEOLOGY Paper–II (22221111)</b> PALAEONTOLOGY

**B.Sc. Sem – I (w.e.f. June 2019)**  
**(CBCS Pattern-2019) (Old up to MAR-2023)**

<b>Day &amp; Date</b>	<b>Sr. No</b>	<b>Subject</b> <b>Time: 9:00 a.m. To 11:00 a.m.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 12:00 p.m. To 02:00 p.m.</b>
<b>Tuesday</b> <b>18/07/2023</b>	26	<b>(w.e.f. New June 2020)</b> <b>English (Comp.)</b> <b>(19201101/20201101)</b> Compulsory English		
<b>Wednesday</b> <b>19/07/2023</b>	27	<b>CHEMISTRY Paper-I</b> Physical Chemistry <b>(19201106)</b>	28	<b>COMPUTER SCIENCE Paper-I</b> Fundamental of Computer <b>(19201120)</b>
<b>Thursday</b> <b>20/07/2023</b>	29	<b>CHEMISTRY Paper-II (19201107)</b> Inorganic Chemistry	30	<b>COMPUTER SCIENCE Paper-II</b> Programming Using C-I <b>(19201121)</b>
<b>Friday</b> <b>21/07/2023</b>	31	<b>PHYSICS Paper-I</b> Mechanics and properties of matter. <b>(19201104)</b>	32	<b>MICROBIOLOGY Paper-I</b> Fundamentals of Microbiology <b>(19201114)</b>
<b>Saturday</b> <b>22/07/2023</b>	33	<b>PHYSICS Paper-II</b> <b>Optics and Laser (19201105)</b>	34	<b>MICROBIOLOGY Paper-II (19201115)</b> Basic Techniques in Microbiology
<b>Sunday</b> <b>23/07/2023</b>	35	<b>STATISTICS Paper-I</b> Descriptive Statistics-I <b>(19201108)</b>	36	<b>ZOOLOGY Paper-I</b> Animal Diversity I <b>(19201122)</b>
<b>Monday</b> <b>24/07/2023</b>	37	<b>STATISTICS Paper-II</b> Probability and Probability Distributions-I (19201109)	38	<b>ZOOLOGY Paper-II</b> Animal diversity-II <b>(19201123)</b>
<b>Tuesday</b> <b>25/07/2023</b>	39	<b>MATHEMATICS Paper-I</b> Algebra <b>(19201116)</b>	40	<b>BOTANY Paper-I (19201102)</b> Microbiology and Phycology
<b>Wednesday</b> <b>26/07/2023</b>	41	<b>MATHEMATICS Paper-II</b> Calculus <b>(19201117)</b>	42	<b>BOTANY Paper-II (19201103)</b> Fungi and Archegoniate
<b>Thursday</b> <b>27/07/2023</b>	43	<b>ELECTRONICS Paper-I</b> Basic Circuit Theory and Network Analysis <b>(19201118)</b>	44	<b>PSYCHOLOGY Paper-I</b> General Psychology I <b>(19201112)</b>
	45	<b>GEOGRAPHY Paper – I</b> Geomorphology- I <b>(19201124)</b>	46	<b>GEOLOGY Paper-I (19201110)</b> PHYSICAL GEOLOGY
<b>Friday</b> <b>28/07/2023</b>	47	<b>ELECTRONICS Paper-II</b> Digital Fundamentals <b>(19201119)</b>	48	<b>PSYCHOLOGY Paper-II (19201113)</b> Developmental Psychology
	49	<b>GEOGRAPHY Paper – II</b> Geomorphology-II <b>(19201125)</b>	50	<b>GEOLOGY Paper-II (19201111)</b> STRUCTURAL GEOLOGY

**B.Sc. Sem – II (NEW w.e.f. June 2022)**  
**(CBCS Pattern-2022)**

Day & Date	Sr. No	Subject Time: 12:00 p.m. To 2:00 p.m..	Sr. No.	Day & Date	Subject Time: 12:00 p.m. To 2:00 p.m..
Monday 19/06/2023	51	(w.e.f. <b>New Nov. 2020</b> ) English (Comp.) (22221201) Communication Skill	--	-----	
Tuesday 20/06/2023	52	<b>CHEMISTRY Paper–III (22221208)</b> Organic Chemistry	53	Wednesday 21/06/2023	<b>COMPUTER SCIENCE Paper-III (22221229)</b> Introduction to Web Designing
Thursday 22/06/2023	54	<b>CHEMISTRY Paper–IV (22221209)</b> Analytical Chemistry	55	Friday 23/06/2023	<b>COMPUTER SCIENCE Paper–IV(22221230)</b> Operating System
Saturday 01/07/2023	56	<b>PHYSICS Paper-III (22221205)</b> Heat and Thermodynamics	57	Sunday 02/07/2023	<b>MICROBIOLOGY Paper–III (22221220)</b> Microbial Metabolism and Cultivation
Monday 03/07/2023	58	<b>PHYSICS Paper-IV (22221206)</b> Electricity, Magnetism and Basic Electronics	59	Tuesday 04/07/2023	<b>MICROBIOLOGY Paper–IV (22221221)</b> Applied Microbiology
Wednesday 05/07/2023	60	<b>STATISTICS Paper–III (22221211)</b> Descriptive Statistics-II	61	Thursday 06/07/2023	<b>ZOOLOGY Paper–III (22221232)</b> COMPARATIVE ANATOMY OF VERTEBRATES
Friday 07/07/2023	62	<b>STATISTICS Paper–IV (22221212)</b> Discrete Probability Distribution	63	Saturday 08/07/2023	<b>ZOOLOGY Paper–IV (22221233)</b> Developmental Biology of vertebrates
Monday 10/07/2023	64	<b>MATHEMATICS Paper–III (22221223)</b> Geometry	65	Tuesday 11/07/2023	<b>BOTANY Paper–III (22221202)</b> Plant Ecology
Wednesday 12/07/2023	66	<b>MATHEMATICS Paper-IV (22221224)</b> Differential Equations	67	Thursday 13/07/2023	<b>BOTANY Paper–IV (22221203)</b> Taxonomy of Angiosperms
Friday 14/07/2023	68	<b>ELECTRONICS Paper–III (22221226)</b> Semiconductor Devices	69	Saturday 15/07/2023	<b>PSYCHOLOGY Paper–III (22221217)</b> Fundamental Psychology
	70	<b>PHYSICAL GEOGRAPHY Paper – III (22221235)</b> Human Geography I	71		<b>GEOLOGY Paper–III (22221214)</b> STRUCTURAL GEOLOGY
Sunday 16/07/2023	72	<b>ELECTRONICS Paper–IV (22221227)</b> Digital Electronics	73	Monday 17/07/2023	<b>PSYCHOLOGY Paper–IV (22221218)</b> Developmental Psychology
	74	<b>PHYSICAL GEOGRAPHY Paper – IV (22221236)</b> Human Geography II	75		<b>GEOLOGY Paper–IV (22221215)</b> CRYSTALLOGRAPHY

B.Sc. Sem-II (First Year) (NEW w.e.f. June 2023)			
Day & Date	Sr. No.	SUBJECT Time: 12:00 p.m. to 02:00 p.m	Candidates note that Democracy, Elections and Good Governance Examination will be conducted in their Parent (home) College
Sunday 30/07/2023	600	Democracy, Elections and Good Governance (DEG2)	

B.Sc. Sem-II (First Year) (w.e.f. June 2019) (Old up to OCT.2023)			
Day & Date	Sr. No.	SUBJECT Time: 12:00 p.m. to 02:00 p.m	Candidates note that Democracy, Elections and Good Governance Examination will be conducted in their Parent (home) College
Sunday 30/07/2023	601	Democracy, Elections and Good Governance (19DEG)	

**B.Sc. Sem – II (w.e.f. June 2019)**  
**(CBCS Pattern-2019) (Old up to OCT-2023)**

Day & Date	Sr. No	Subject Time: 12:00 p.m. To 2:00 p.m.	Sr. No.	Day & Date	Subject Time: 12:00 p.m. To 2:00 p.m.
Monday 19/06/2023	77	(w.e.f. <b>New Nov. 2020</b> ) English (Comp.) (19201201)(20201201) LITERARY VOYAGE	--	-----	
Tuesday 20/06/2023	78	CHEMISTRY Paper–III (19201208) Organic Chemistry	79	Wednesday 21/06/2023	COMPUTER SCIENCE Paper-III (19201229) Introduction to Web Designing
Thursday 22/06/2023	80	CHEMISTRY Paper–IV (19201209) Analytical Chemistry	81	Friday 23/06/2023	COMPUTER SCIENCE Paper–IV(19201230) Programming Using C - II
Saturday 01/07/2023	82	PHYSICS Paper-III (19201205) Heat and Thermodynamics	83	Sunday 02/07/2023	MICROBIOLOGY Paper–III (19201220) Microbial Physiology
Monday 03/07/2023	84	PHYSICS Paper-IV (19201206) Electricity, Magnetism and Basic Electronics	85	Tuesday 04/07/2023	MICROBIOLOGY Paper–IV (19201221) Applied Microbiology
Wednesday 05/07/2023	86	STATISTICS Paper–III (19201211) Descriptive Statistics-II	87	Thursday 06/07/2023	ZOOLOGY Paper–III (19201232) Comparative Anatomy of vertebrates
Friday 07/07/2023	88	STATISTICS Paper–IV (19201212) Probability and Probability Distributions-II	89	Saturday 08/07/2023	ZOOLOGY Paper–IV (19201233) Developmental Biology of vertebrates
Monday 10/07/2023	90	MATHEMATICS Paper–III (19201223) Geometry	91	Tuesday 11/07/2023	BOTANY Paper–III (19201202) Plant Ecology
Wednesday 12/07/2023	92	MATHEMATICS Paper-IV (19201224) Differential Equations	93	Thursday 13/07/2023	BOTANY Paper–IV (19201203) Taxonomy of Angiosperms
Friday 14/07/2023	94	ELECTRONICS Paper–III (19201226) Semiconductor Devices	95	Saturday 15/07/2023	PSYCHOLOGY Paper–III (19201217) Fundamental Psychology
	96	PHYSICAL GEOGRAPHY Paper – III (19201235) Human Geography I	97		GEOLOGY Paper–III (19201214) CRYSTALLOGRAPHY
Sunday 16/07/2023	98	ELECTRONICS Paper–IV (19201227) Digital Electronics	99	Monday 17/07/2023	PSYCHOLOGY Paper–IV (19201218) Developmental Psychology
	100	PHYSICAL GEOGRAPHY Paper – IV (19201236) Human Geography II	101		GEOLOGY Paper–IV (19201215) MINERALOGY

Day & Date	Sr. No	Subject Time: 3:00 p.m. to 5:00 p.m.	Day & Date	Sr. No	Subject Time: 3:00 p.m. to 5:00 p.m
Monday 10/07/2023	102	CHEMISTRY Paper-V (19201305) Organic Chemistry	Tuesday 11/07/2023	104	COMPUTER SCIENCE Paper-V (19201307) Data Structure
Wednesday 12/07/2023	105	CHEMISTRY Paper-VI (19201306) Inorganic Chemistry	Thursday 13/07/2023	106	COMPUTER SCIENCE Paper-VI (19201308) Design analysis and Algorithm
Friday 14/07/2023	107	PHYSICS Paper-V (19201323) General Physics and Sound	Saturday 15/07/2023	108	BIO-CHEMISTRY Paper-I (19201303) Biomolecules
				109	PLANT PROTECTION Paper-I (19201325) Major crops and methods of integrated plant protection.
Sunday 16/07/2023	110	PHYSICS Paper-VI (19201324) Electronics	Monday 17/07/2023	111	BIO-CHEMISTRY Paper-II (19201304) Biochemical Techniques
				112	PLANT PROTECTION Paper-II (19201326) Crop Diseases and their management
Tuesday 18/07/2023	113	STATISTICS Paper-V (19201329) Probability Distributions - I	Wednesday 19/07/2023	114	METEOROLOGY Paper-I (19201321) Climatology
				115	GEO-CHEMISTRY Paper-I (19201313) Introduction to Geochemistry
				116	ZOOLOGY Paper-V (19201331) Cell Biology
Thursday 20/07/2023	117	STATISTICS Paper-VI (19201330) Statistical Methods	Friday 21/07/2023	118	METEOROLOGY Paper-II (19201322) General Meteorology
				119	GEO-CHEMISTRY Paper-II (19201314) Introduction to Solar System and Geo-Sphers
				120	ZOOLOGY Paper-VI (19201332) Principles of Ecology
Saturday 22/07/2023	121	MATHEMATICS Paper-V (19201319) Differential Calculus	Sunday 23/07/2023	122	BOTANY Paper-V (19201301) Plant Anatomy
Monday 24/07/2023	123	MATHEMATICS Paper-VI (19201320) Laplace Transform	Tuesday 25/07/2023	124	BOTANY Paper-VI (19201302) Plant metabolism
Wednesday 26/07/2023	125	ELECTRONICS Paper-V (19201309) Electronic Circuits	Thursday 27/07/2023	126	PSYCHOLOGY Paper-V (19201327) Experimental Psychology
	127	GEOGRAPHY Paper-V (19201311) Climatology		128	GEOLOGY Paper-V (19201315) IGNEOUS PETROLOGY
				129	MICROBIOLOGY Paper-V (19201317) Bacterial Cytology and Physiology
Friday 28/07/2023	130	ELECTRONICS Paper-VI (19201310) Pulse & Switching Circuits	Sunday 30/07/2023	132	PSYCHOLOGY Paper-VI (19201328) Social Psychology
	131	GEOGRAPHY Paper-VI (19201312) Geography of India		133	GEOLOGY Paper-VI (19201316) SEDIMENTARY AND METAMORPHIC PETROLOGY
				134	MICROBIOLOGY Paper-VI (19201318) Bacterial Genetics



<b>B.Sc. Sem – IV (w.e.f. Nov 2020)</b> <b>(CBCS Pattern-2019)</b>					
Day & Date	Sr. No	Subject <b>Time: 9:00 a.m. to 11:00 a.m</b>	Day & Date	Sr. No.	Subject <b>Time: 9:00 a.m. to 11:00 a.m</b>
<b>Monday</b> <b>19/06/2023</b>	135	CHEMISTRY Paper–VII (19201407) Physical Chemistry	<b>Tuesday</b> <b>20/06/2023</b>	136	COMPUTER SCIENCE Paper- VII (19201410) Software Engineering
<b>Wednesday</b> <b>21/06/2023</b>	137	CHEMISTRY Paper–VIII (19201408) Analytical & Industrial Inorganic Chemistry	<b>Thursday</b> <b>22/06/2023</b>	138	COMPUTER SCIENCE Paper– VIII (19201411) Database Management System
<b>Friday</b> <b>23/06/2023</b>	139	PHYSICS Paper-VII (19201434) Optics	<b>Saturday</b> <b>01/07/2023</b>	140	BIO-CHEMISTRY Paper-III (19201404) NUTRITION AND METABOLISM
				141	PLANT PROTECTION Paper–VII (19201437) Introduction to weeds & non insect pests
<b>Sunday</b> <b>02/07/2023</b>	142	PHYSICS Paper-VIII (19201435) Modern Physics	<b>Monday</b> <b>03/07/2023</b>	143	BIO-CHEMISTRY Paper-IV (19201405) MOLECULAR BIOCHEMISTRY & DISEASES
				144	PLANT PROTECTION Paper–VIII (19201438) Insect pests and their Management.
<b>Tuesday</b> <b>04/07/2023</b>	145	STATISTICS Paper–VII (19201443) Probability Distributions - II	<b>Wednesday</b> <b>05/07/2023</b>	146	METEOROLOGY Paper–III (19201431) Applied Climatology
				147	GEO-CHEMISTRY Paper-III (19201419) Principles of Geochemistry
				148	ZOOLOGY Paper–VII (19201446) Fundamentals of Biochemistry
<b>Thursday</b> <b>06/07/2023</b>	149	STATISTICS Paper–VIII (19201444) Applied Statistics	<b>Friday</b> <b>07/07/2023</b>	150	METEOROLOGY Paper–IV (19201432) Meteorological Instruments
				151	GEO-CHEMISTRY Paper-IV (19201420) Chemistry of the Earth
				152	ZOOLOGY Paper–VIII (19201447) ANIMAL PHYSIOLOGY: CONTROLLING AND COORDINATING SYSTEMS
<b>Saturday</b> <b>08/07/2023</b>	153	MATHEMATICS Paper–VII (19201428) Differential Equations	<b>Monday</b> <b>10/07/2023</b>	154	BOTANY Paper–VII (19201401) Plant Physiology
<b>Tuesday</b> <b>11/07/2023</b>	155	MATHEMATICS Paper–VIII (19201429) Abstract Algebra – I	<b>Wednesday</b> <b>12/07/2023</b>	156	BOTANY Paper–VIII (19201402) EMBRYOLOGY OF ANGIOSPERMS
<b>Thursday</b> <b>13/07/2023</b>	157	GEOGRAPHY Paper–VII (19201416) Economic Geography	<b>Friday</b> <b>14/07/2023</b>	159	PSYCHOLOGY Paper–VII (19201440) Cognitive Psychology
	158	ELECTRONICS Paper–VII (19201413) Operational Amplifier and Applications		160	GEOLOGY Paper–VII (19201422) STRATIGRAPHY
<b>Saturday</b> <b>15/07/2023</b>	162	GEOGRAPHY Paper–VIII (19201417) Environmental Geography	<b>Sunday</b> <b>16/07/2023</b>	161	MICROBIOLOGY Paper–VII (19201425) Immunology & Medical Microbiology
				164	PSYCHOLOGY Paper–VIII (19201441) Positive Psychology
				165	GEOLOGY Paper–VIII (19201423) PALAEOLOGY
	163	ELECTRONICS Paper–VIII (19201414) Digital Techniques and Microprocessor		166	MICROBIOLOGY Paper–VIII (19201426) Industrial Microbiology

<b>B.Sc. Sem-IV (w.e.f. Nov 2021)</b> <b>(CBCS Pattern-2019)</b>			
Day & Date	Sr. No.	SUBJECT <b>Time: 9:00 a.m. to 11:00 a.m</b>	Candidates note that Environmental Studies Examination will be conducted in their Parent (home) College
<b>Sunday</b> <b>09/07/2023</b>	602	Environmental Studies (ENS)	

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

<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 3:00 p.m. to 6:00 p.m</b>
<b>Sunday</b> <b>02/07/2023</b>	167	<b>English (Compulsory) (19201500)</b> Literary Mindscapes – I <b>Time: 3:00 p.m. to 5:00 p.m.</b>
		<b>Special Paper - IX</b>
<b>Monday</b> <b>03/07/2023</b>	168	<b>Physics Paper- IX (19201511)</b> Mathematical Physics & Statistical Physics
	169	<b>Chemistry Paper- IX (19201506)</b> Physical Chemistry
	170	<b>Botany Paper- IX (19201501)</b> PLANT SYSTEMATICS
	171	<b>Zoology Paper- IX (19201520)</b> Molecular Biology
	172	<b>Mathematics Paper- IX (19201524)</b> Algebra-II
	173	<b>Statistics Paper- IX (19201528)</b> Statistical Inference– I
	174	<b>Geology Paper- IX (19201534)</b> Economic Geology
	175	<b>Microbiology Paper- IX (19201539)</b> Virology
	176	<b>Electronics Paper- IX (19201548)</b> Linear Integrated Circuits and Applications
	177	<b>Computer Science Paper- IX (19201543)</b> Visual Programming Using C#
		<b>Special Paper – X</b>
<b>Tuesday</b> <b>04/07/2023</b>	178	<b>Physics Paper-X (19201512)</b> Solid State Physics
	179	<b>Chemistry Paper- X (19201507)</b> Inorganic Chemistry
	180	<b>Botany Paper- X (19201502)</b> Genetics
	181	<b>Zoology Paper- X (19201521)</b> Principles of Genetics
	182	<b>Mathematics Paper- X (19201525)</b> Complex Analysis
	183	<b>Statistics Paper- X (19201529)</b> Probability Distributions
	184	<b>Geology Paper- X (19201535)</b> Hydrogeology
	185	<b>Microbiology Paper- X (19201540)</b> Agricultural Microbiology
	186	<b>Electronics Paper- X (19201549)</b> Fundamentals of Microcontroller
	187	<b>Computer Science Paper- X (19201544)</b> Core Java

<b>B.Sc. Sem - V (New w.e.f. June 2021)</b> <b>(CBCS Pattern-2019)</b>			<b>(Cont...)</b>
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 3:00 p.m. to 6:00 p.m</b>	
		<b>Special Paper - XI</b>	
<b>Wednesday</b> <b>05/07/2023</b>	188	<b>Physics Paper XI (19201513)</b> Classical Mechanics	
	189	<b>Chemistry Paper XI (19201508)</b> Organic Chemistry	
	190	<b>Botany Paper XI (19201503)</b> MOLECULAR BIOLOGY	
	191	<b>Zoology Paper XI (19201522)</b> Endocrinology	
	192	<b>Mathematics Paper XI (19201526)</b> Real Analysis	
	193	<b>Statistics Paper XI (19201530)</b> Sampling Techniques	
	194	<b>Geology Paper XI (19201536)</b> Applied Geology – Engineering Geology	
	195	<b>Microbiology Paper XI (19201541)</b> Immunology	
	196	<b>Electronics Paper XI (19201550)</b> Sensors and Transducers	
	197	<b>Computer Science Paper XI (19201545)</b> Operating System	
		<b>Special Paper - XII</b>	
<b>Thursday</b> <b>06/07/2023</b>	198	<b>Physics Paper XII</b> Nuclear Physics (19201514)	
	199	<b>Chemistry Paper XII</b> Analytical and Industrial Physical Chemistry (19201509)	
	200	OR Methodology and Materials of Industrial Importance (19201510)	
	201	<b>Botany Paper XII</b> Plant Breeding (19201504)	
202	OR ECONOMIC BOTANY (19201505)		

	203	<b>Zoology Paper XII</b> Wildlife Conservation & Management (19201523)
	204	<b>Mathematics Paper XII</b> Partial Differential Equations (19201527-A)
	205	OR Mathematical Analysis (19201527-B)
	206	<b>Statistics Paper XII</b> Operations Research (19201531)
	207	OR Regression Analysis (19201532)
	208	<b>Geology Paper XII</b> Applied Geology – Prospecting and Mining Geology (19201537)
	209	<b>Microbiology Paper XII</b> Industrial Microbiology (19201542)
	210	<b>Electronics Paper XII</b> Biomedical Electronics (19201551)
	211	OR Electronics Communication(19201552)
	212	<b>Computer Science Paper XII</b> Python (19201546)

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

**Skill Based Course Added on Courses**

<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 3:00 p.m. to 6:00 p.m</b>
		<b>Special Paper - XI</b>
<b>Friday</b> <b>07/07/2023</b>	213	Certificate Course in testing and Repairs of Electric Appliances (19201515)
	214	Thin film deposition and Characterization Techniques (19201516)
	215	Scientific Research Substrate Cleaning Paper Writing and Publications (19201517)
	216	Medical Physics (19201518)
	217	Energy Resources (19201519)
	218	Geoinformatics (19201538)
	219	Linux (19201547)
	220	MS-EXCEL (19201533)

<b><u>B.Sc. Sem – VI (New w.e.f. Nov. 2021)</u></b> <b>(CBCS Pattern-2019)</b>		
Day & Date	Sr. No.	Subject <b>Time: 3:00 p.m. to 6:00 p.m</b>
<b>Monday</b> <b>19/06/2023</b>	221	English (Compulsory) (19201600) Literary Mindscapes – I <b>Time: 3:00 p.m. to 5:00 p.m.</b>
	<b>Special Paper-XIII</b>	
<b>Tuesday</b> <b>20/06/2023</b>	222	<b>Physics Paper-XIV</b> (19201619) Electrodynamics
	223	<b>Chemistry Paper-XIII</b> (19201610) Physical Chemistry
	224	<b>Botany Paper- XIII</b> (19201601) Plant Pathology
	225	<b>Zoology Paper- XIII (19201627)</b> Animal Physiology: Life Sustaining Systems
	226	<b>Mathematics Paper- XIII (19201635)</b> Metric Spaces
	227	<b>Statistics Paper- XIII (19201643)</b> Statistical Inference–II
	228	<b>Geology Paper- XIII (19201652)</b> Photogeology & Remote Sensing
	229	<b>Microbiology Paper- XIII (19201660)</b> Microbial Genetics
	230	<b>Electronics Paper- XIII (19201676)</b> Power Electronics
	231	<b>Computer Science Paper- XIV (19201668)</b> Web Technology
	<b>Special Paper -XIV</b>	
<b>Wednesday</b> <b>21/06/2023</b>	232	Physics Paper-XV Materials Science (19201620)
	233	Chemistry Paper- XIV Inorganic Chemistry (19201611)
	234	Botany Paper- XIV <b>Plant Biotechnology (19201602)</b>
	235	Zoology Paper- XIV - Evolutionary Biology (19201628)
	236	Mathematics Paper- XIV Numerical Analysis ( <b>19201636</b> )
	237	Statistics Paper- XIV Probability Theory (19201644)
	238	Geology Paper- XIV Geomorphology and Geotectonics (19201653)
	239	Microbiology Paper- XIV Microbial Biochemistry (19201661)
	240	Electronics Paper- XIV <b>Embedded System Design (19201677)</b>
	241	Computer Science Paper- XV <b>Advanced Java (19201669)</b>

<b>B.Sc. Sem – VI (New w.e.f. Nov. 2021)</b> <b>(CBCS Pattern-2019)</b>		
Day & Date	Sr. No	Subject Time: 3:00 p.m. to 6:00 p.m
		<b>Special Paper XV</b>
<b>Thursday</b> <b>22/06/2023</b>	242	<b>Physics Paper-XVI</b> (19201621) Atomic, Molecular Physics and Quantum Mechanics
	243	<b>Chemistry Paper- XV</b> (19201612) Organic Chemistry
	244	<b>Botany Paper- XV (19201603)</b> Cell Biology
	245	<b>Zoology Paper- XV (19201629)</b> Animal Behavior And Chronobiology
	246	<b>Mathematics Paper- XV (19201637)</b> Graph Theory
	247	<b>Statistics Paper- XV (19201645)</b> Designs of Experiments
	248	<b>Geology Paper- XV (19201654)</b> -Environmental Geology
	249	<b>Microbiology Paper- XV (19201662)</b> Clinical Microbiology
	250	<b>Electronics Paper- XV (19201678)</b> Electronics Instrumentation
	251	<b>Computer Science Paper- XVI (19201670)</b> Data Communication and Networking – II
		<b>Special Paper XVI</b>
<b>Friday</b> <b>23/06/2023</b>	252	<b>Physics Paper-XVII</b> Electronics (19201622)
	253	<b>Chemistry Paper- XVI</b> Analytical and Industrial Organic Chemistry(19201617) OR
	254	Applied Organic Chemistry (19201618)
	255	<b>Botany Paper- XVI</b> Nursery, Gardening & Horticulture (19201608 ) OR
	256	Biostatistics (19201609)
	257	<b>Zoology Paper- XVI</b> Applied Zoology (19201630)
	258 259	<b>Mathematics Paper- XVI</b> Integral Calculus (19201638-A) OR Programming in C (19201638-B)

	260	<b>Statistics Paper- XVI</b> Quality Management and Reliability (19201650)OR
	261	Time Series Analysis (19201651)
	262	<b>Geology Paper- XVI (19201655)</b> Geochemistry
	263	<b>Microbiology Paper- XVI (19201663)</b> Environmental Microbiology
	264	<b>Electronics Paper- XVI</b> Virtual Instrumentation (19201683)
	265	OR Modern Communication Systems (19201684)
	266	<b>Computer Science Paper- XVII (19201671)</b> Advanced Python
<b>Saturday 01/07/2023</b>	267	Software Testing (19201671-01)

**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)
6. **The Theory Exam of 20 Marks Paper are conducted at College level.**

Please Visit - <http://su.digitaluniversity.ac>

Ref No.: PAHSUS/EXAM/TIME-TABLE/2023/1283

Date: 13/06/2023

**Sd/-**  
**Director**  
Board of Examinations and Evaluation