



# SOLAPUR UNIVERSITY, SOLAPUR

## CIRCULAR NO.18 EXAM OF 2016 SEMESTER PATTERN EXAMINATION

### DRAFT PROGRAM OF B.SC. SEMESTER – I TO VI EXAMINATION TO BE HELD IN MAR/APR-2016

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		VGS	V.G. Shivdare College
3		HN	H.N. College of Commerce
4	PANDHARPUR	KBP	K.B.P. Mahavidyalaya
5	BARSHI	SBZ	Shriman Bhausaheb Zadbuke Mahavidyalaya
6		SMB	Shri. Shivaji Mahavidyalaya
7		HCCS	Hemuji Chandele College, Shelgaon (R)
8	SANGOLA	VIMAS	Vidnyan Mahavidyalaya
9		SANG	Sangola College, Sangola
10	AKLUJ	SMM	Shankarrao Mohite Mahavidyalaya
11	KARMALA	YCMK	Yashwantrao Chavan Mahavidyalaya
12	AKKALKOT	CBK	C.B.Khedgi's College
13	NATEPUTE	SMSMPM	S.M. Shankarrao Mohite Patil College
14	MANGALWEDHA	SDM	Shri. Sant Damaji Mahavidyalaya
15	KURDUWADI	KNB	K.N.Bhise College
16	ANGAR	BPCAS	Baburao Patil College
17	WADALA	MMW	Mauli Mahavidyalaya
18	VAIRAG	SGM	Sou. Suvarnalata Gandhi Mahavidyalaya
19	MANDRUP	SBPC	Santosh Bhimrao Patil College

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

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

<b>B.Sc. Sem – I (w.e.f. June 2014)</b>				
<b>(CGPA Pattern-2014)</b>				
<b>Day &amp; Date</b>	<b>Sr. No</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 01:00 p.m.</b>	<b>Sr. No</b>	<b>Subject</b> <b>Time: 02:30 p.m. to 05:00 p.m.</b>
<b>Tuesday</b> <b>22/03/2016</b>	1	<b>ENGLISH (Comp.) (221101)</b> On Track-English Skills for Success	--	---
<b>Wednesday</b> <b>23/03/2016</b>	2	<b>CHEMISTRY Paper – I (221204)</b> <b>Section:- I Physical Chemistry</b> <b>Section:- II Inorganic Chemistry</b>	3	<b>COMPUTER SCIENCE Paper–I (221106)</b> <b>Section:- I Computer Fundamentals</b> <b>Section:- II Programming using C- I</b>
<b>Saturday</b> <b>26/03/2016</b>	4	<b>PHYSICS Paper – I (221111)</b> <b>Section:- I Mechanics and Properties of Matter</b> <b>Section: - II Optics and Laser</b>	5	<b>PHYSICAL GEOGRAPHY Paper – I (221123)</b> <b>Section:- I Geomorphology</b> <b>Section:- II Geomorphology</b>
<b>Monday</b> <b>28/03/2016</b>	6	<b>STATISTICS Paper - I (221141)</b> <b>Section:- I Descriptive Statistics, Probability</b> <b>Section:- II Probability Distributions-I</b>	7	<b>ZOOLOGY Paper – I (221143)</b> <b>Section:- I Animal Diversity</b> <b>Section:- II Cell Biology &amp; Genetics</b>
<b>Tuesday</b> <b>29/03/2016</b>	8	<b>MATHEMATICS Paper – I (221108)</b> <b>Section:- I Algebra</b> <b>Section:- II Calculus</b>	9	<b>BOTANY Paper – I (221102)</b> <b>Section:- I Microbiology &amp; Cryptogams</b> <b>Section:- II Plant Physiology &amp; Horticulture</b>
<b>Wednesday</b> <b>30/03/2016</b>	10	<b>ELECTRONICS Paper – I (221121)</b> <b>Section:- I Electronics Fundamentals</b> <b>Section:- II Digital Fundamentals</b>	11	<b>PSYCHOLOGY Paper - I (221135)</b> <b>Section:- I General Psychology</b> <b>Section:- II Human Development</b>
			12	<b>GEOLOGY Paper- I (221131)</b> <b>Section:- I Mineralogy &amp; Paleontology</b> <b>Section:- II Igneous, Sedimentary and Metamorphic Petrology</b>
			13	<b>MICROBIOLOGY Paper – I (221133)</b> <b>Section:- I Fundamentals of Microbiology</b> <b>Section:- II Microbial Techniques</b>

<b>B.Sc. Sem – II (New w.e.f. Nov 2014)</b>				
<b>(CGPA Pattern-2014)</b>				
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 01:00 p.m.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 02:30 p.m. to 05:00 p.m.</b>
Tuesday 22/03/2016	14	<b>ENGLISH (Comp.) (221201)</b> On Track- English Skills for success	--	----
Friday 01/04/2016	15	<b>CHEMISTRY Paper – II (221204)</b> <b>Section:- I</b> Organic Chemistry <b>Section:- II</b> Analytical Chemistry	16	<b>COMPUTER SCIENCE Paper – II(221206)</b> <b>Section:- I</b> Computer Fundamentals <b>Section:- II</b> Programming using C- II
Saturday 02/04/2016	17	<b>PHYSICS Paper – II (221211)</b> <b>Section:- I</b> Heat and Thermodynamics <b>Section:- II</b> Electricity, Magnetism and Basic Electronics	18	<b>PHYSICAL GEOGRAPHY Paper – II (221223)</b> <b>Section:- I</b> Climatology <b>Section:- II</b> Climatology
Monday 04/04/2016	19	<b>STATISTICS Paper - II (221241)</b> <b>Section:- I</b> Descriptive Statistics, Probability <b>Section:- II</b> Probability Distributions-II	20	<b>ZOOLOGY Paper – II (221243)</b> <b>Section:- I</b> Animal Diversity - II <b>Section:- II</b> Ecology, Ethology Evolution and Applied Zoology
Tuesday 05/04/2016	21	<b>MATHEMATICS Paper –II (221208)</b> <b>Section:- I</b> Geometry <b>Section:- II</b> Differential Equations	22	<b>BOTANY Paper – II (221202)</b> <b>Section:- I</b> Gymnosperms and Angiosperms <b>Section:- II</b> Cell Biology, Genetics and Plant Biotechnology
Wednesday 06/04/2016	23	<b>ELECTRONICS Paper – II (221221)</b> <b>Section:- I</b> Electronic Devices <b>Section:- II</b> Digital Electronics	24	<b>PSYCHOLOGY Paper – II (221235)</b> <b>Section:- I</b> General Psychology <b>Section:- II</b> Human Development
			25	<b>GEOLOGY Paper- II (221231)</b> <b>Section:- I</b> Introduction to General Geology <b>Section:- II</b> Introduction to Physical Geology
			26	<b>MICROBIOLOGY Paper – II (221233)</b> <b>Section:- I</b> Microbial Physiology <b>Section:- II</b> Applied Microbiology- I

<b>B.Sc. Sem - III (New w.e.f. June 2015)</b> <b>(CGPA Pattern-2014)</b>					
<b>Day &amp; Date</b>	<b>Sr. No</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 01:00 p.m.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 02:30 p.m. to 05:00 p.m.</b>	
<b>Thursday 07/04/2016</b>	27	<b>CHEMISTRY Paper–III (221303)</b> Organic Chemistry	28	<b>COMPUTER SCIENCE Paper-III (221309)</b> Object Oriented Programming using C++	
<b>Saturday 09/04/2016</b>	29	<b>CHEMISTRY Paper–IV (221304)</b> Inorganic Chemistry	30	<b>COMPUTER SCIENCE Paper–IV (221310)</b> RDBMS	
<b>Monday 11/04/2016</b>	31	<b>PHYSICS Paper-III (221323)</b> General Physics, Heat and Sound	32	<b>BIO-CHEMISTRY Paper-I (221305)</b> Biomolecules	
			33	<b>PLANT PROTECTION Paper-I (221331)</b> Major Crops and Methods of Integrated Plant protection	
<b>Tuesday 12/04/2016</b>	34	<b>PHYSICS Paper-IV (221324)</b> Electronics	35	<b>BIO-CHEMISTRY Paper-II (221306)</b> Biochemical Techniques	
			36	<b>PLANT PROTECTION Paper-II (221332)</b> Crop Diseases and their management	
<b>Wednesday 13/04/2016</b>	37	<b>STATISTICS Paper–III (221325)</b> Continuous Probability Distributions – I	38	<b>METEOROLOGY Paper–I (221329)</b> Climatology	
			39	<b>GEO-CHEMISTRY Paper-I (221307)</b> Introduction to Geochemistry	
			40	<b>ZOOLOGY Paper–III (221327)</b> Animal Diversity – III	
<b>Saturday 16/04/2016</b>	41	<b>STATISTICS Paper–IV (221326)</b> Discrete Probability Distributions and Statistical Methods	42	<b>METEOROLOGY Paper–II (221330)</b> General Meteorology	
			43	<b>GEO-CHEMISTRY Paper-II (221308)</b> Introduction to Solar System and Geo-Sphers	
			44	<b>ZOOLOGY Paper–IV (221328)</b> Cell Science, Genetics, Biological Chemistry and Economic Zoology	
<b>Monday 18/04/2016</b>	45	<b>MATHEMATICS Paper–III (221321)</b> Differential Calculus	46	<b>BOTANY Paper–III (221301)</b> Structure Botany & Taxonomy of Angiosperm	
<b>Wednesday 20/04/2016</b>	47	<b>MATHEMATICS Paper-IV (221322)</b> Real Analysis	48	<b>BOTANY Paper–IV (221302)</b> Plant Ecology	
	<b>Thursday 21/04/2016</b>	49	<b>ELECTRONICS Paper–III (221311)</b> Electronic Circuits	50	<b>PSYCHOLOGY Paper–III (221319)</b> Experimental Psychology
51		<b>GEOGRAPHY Paper–III (221313)</b> Biogeography - I	52	<b>GEOLOGY Paper–III (221315)</b> Optics and Mineralogy	
			53	<b>MICROBIOLOGY Paper–III (221317)</b> Cytology and Physiology of Microorganisms	
<b>Friday 22/04/2016</b>	54	<b>ELECTRONICS Paper–IV (221312)</b> Pulse & Switching Circuits	55	<b>PSYCHOLOGY Paper–IV (221320)</b> Social Psychology	
	56	<b>GEOGRAPHY Paper–IV (221314)</b> Soil Science - I	57	<b>GEOLOGY Paper–IV (221316)</b> Structural Geology	
			58	<b>MICROBIOLOGY Paper–IV (221318)</b> Bacterial Genetics	

<b>B.Sc. Sem - III (w.e.f. June 2014)</b> <b>(SYLLABUS-2013) (Old up to Mar 2016)</b>				
Day & Date	Sr. No	Subject <b>Time: 10:30 a.m. to 12:30 p.m.</b>	Sr. No.	Subject <b>Time: 02:30 p.m. to 04:30 p.m.</b>
<b>Thursday 07/04/2016</b>	59	<b>CHEMISTRY Paper-V</b> (SCS3CH5) Organic Chemistry	60	<b>COMPUTER SCIENCE Paper-V</b> (SCS3CS5) Object Oriented Programming using C++
<b>Saturday 09/04/2016</b>	61	<b>CHEMISTRY Paper-VI</b> (SCS3CH6) Inorganic Chemistry	62	<b>COMPUTER SCIENCE Paper-VI</b> (SCS3CS6) RDBMS
<b>Monday 11/04/2016</b>	63	<b>PHYSICS Paper-V</b> (SCS3PH5) General Physics, Heat and Sound	64	<b>BIO-CHEMISTRY Paper-I</b> (SCS3BC1) Biomolecules
			65	<b>PLANT PROTECTION Paper-I</b> (SCS3PP1) Major Crops and Methods of Integrated Plant protection
<b>Tuesday 12/04/2016</b>	66	<b>PHYSICS Paper-VI</b> (SCS3PH6) Electronics	67	<b>BIO-CHEMISTRY Paper-II</b> (SCS3BC2) Biochemical Techniques
			68	<b>PLANT PROTECTION Paper-II</b> (SCS3PP2) Crop Diseases and their management
<b>Wednesday 13/04/2016</b>	69	<b>STATISTICS Paper-V</b> (SCS3ST5) Continuous Probability Distributions – I	70	<b>METEOROLOGY Paper-I</b> (SCS3ME1) Climatology
			71	<b>GEO-CHEMISTRY Paper-I</b> (SCS3GC1) Introduction to Geochemistry
			72	<b>ZOOLOGY Paper-V</b> (SCS3ZO5) Animal Diversity - III
<b>Saturday 16/04/2016</b>	73	<b>STATISTICS Paper-VI</b> (SCS3ST6) Discrete Probability Distributions and Statistical Methods	74	<b>METEOROLOGY Paper-II</b> (SCS3ME2) General Meteorology
			75	<b>GEO-CHEMISTRY Paper-II</b> (SCS3GC2) Introduction to Solar System and Geospheres
			76	<b>ZOOLOGY Paper-VI</b> (SCS3ZO6) Cell Science, Genetics, Biological Chemistry and Economic Zoology
<b>Monday 18/04/2016</b>	77	<b>MATHEMATICS Paper-V</b> (SCS3MT5) Differential Calculus	78	<b>BOTANY Paper-V</b> (SCS3BO5) Structure Botany & Taxonomy of Angiosperm
<b>Wednesday 20/04/2016</b>	79	<b>MATHEMATICS Paper-VI</b> (SCS3MT6) Real Analysis	80	<b>BOTANY Paper-VI</b> (SCS3BO6) Plant Ecology
<b>Thursday 21/04/2016</b>	81	<b>ELECTRONICS Paper-V</b> (SCS3EL5) Electronic Circuits	82	<b>PSYCHOLOGY Paper-V</b> (SCS3PS5) Experimental Psychology
	83	<b>GEOGRAPHY Paper-V</b> (SCS3GG5) Biogeography - I	84	<b>GEOLOGY Paper-V</b> (SCS3GL5) Optics and Mineralogy
			85	<b>MICROBIOLOGY Paper-V</b> (SCS3MB5) Cytology, Physiology of Bacteria and Virology
<b>Friday 22/04/2016</b>	86	<b>ELECTRONICS Paper-VI</b> (SCS3EL6) Pulse & Switching Circuits	87	<b>PSYCHOLOGY Paper-VI</b> (SCS3PS6) Social Psychology
	88	<b>GEOGRAPHY Paper-VI</b> (SCS3GG6) Soil Science - I	89	<b>GEOLOGY Paper-VI</b> (SCS3GL6) Structural Geology
			90	<b>MICROBIOLOGY Paper-VI</b> (SCS3MB6) Microbial Genetics

<b>B.Sc. Sem – IV (w.e.f. Nov 2014)</b> <b>(SYLLABUS-2013) (Old Up to Oct 2016)</b>				
Day & Date	Sr. No	Subject <b>Time: 10:30 a.m. to 12:30 p.m.</b>	Sr. No.	Subject <b>Time: 02:30 p.m. to 04:30 p.m.</b>
<b>Saturday</b> <b>23/04/2016</b>	91	<b>CHEMISTRY Paper–VII</b> (SCS4CH7) Physical Chemistry	92	<b>COMPUTER SCIENCE Paper–VII</b> Data Structures (SCS4CS7)
<b>Monday</b> <b>25/04/2016</b>	93	<b>CHEMISTRY Paper–VIII</b> (SCS4CH8) Analytical & Industrial Inorganic Chemistry	94	<b>COMPUTER SCIENCE Paper–VIII</b> System Analysis & Design (SCS4CS8)
<b>Tuesday</b> <b>26/04/2016</b>	95	<b>PHYSICS Paper-VII</b> (SCS4PH7) Optics	96	<b>BIO-CHEMISTRY Paper-III</b> (SCS4BC3) Nutrition and Metabolism
			97	<b>PLANT PROTECTION Paper–III</b> Introduction to weeds & non insect Pests <b>(SCS4PP3)</b>
<b>Wednesday</b> <b>27/04/2016</b>	98	<b>PHYSICS Paper-VIII</b> (SCS4PH8) Modern Physics	99	<b>BIO-CHEMISTRY Paper-IV</b> (SCS4BC4) Molecular Biochemistry & Diseases
			100	<b>PLANT PROTECTION Paper–IV</b> (SCS4PP4) Insect pests and their Management
<b>Thursday</b> <b>28/04/2016</b>	101	<b>STATISTICS Paper–VII</b> (SCS4ST7) Continuous Probability Distributions - II	102	<b>METEOROLOGY Paper–III</b> (SCS4MT3) Applied Climatology
			103	<b>GEO-CHEMISTRY Paper-III</b> (SCS4GC3) Principles of Geochemistry
			104	<b>ZOOLOGY Paper–VII</b> (SCS4ZO7) Animal Diversity – IV
<b>Friday</b> <b>29/04/2016</b>	105	<b>STATISTICS Paper–VIII</b> (SCS4ST8) Applied Statistics	106	<b>METEOROLOGY Paper–IV</b> (SCS4MT4) Meteorological Instruments
			107	<b>GEO-CHEMISTRY Paper-IV</b> (SCS4GC4) Chemistry of the Earth
			108	<b>ZOOLOGY Paper–VIII</b> (SCS4ZO8) Histology & Physiology
<b>Saturday</b> <b>30/04/2016</b>	109	<b>MATHEMATICS Paper–VII</b> (SCS4MT7) Differential Equations	110	<b>BOTANY Paper–VII</b> (SCS4BO7) Plant Physiology and Cytogenetics
<b>Monday</b> <b>02/05/2016</b>	111	<b>MATHEMATICS Paper–VIII</b> (SCS4MT8) Abstract Algebra	112	<b>BOTANY Paper–VIII</b> (SCS4BO8) Plant Diversity and Utilization
<b>Tuesday</b> <b>03/05/2016</b>	113	<b>GEOGRAPHY Paper–VII</b> (SCS4GG7) Biogeography - II	114	<b>PSYCHOLOGY Paper–VII</b> (SCS4PS7) Cognitive Psychology
	115	<b>ELECTRONICS Paper–VII</b> (SCS4EL7) Fundamentals of Operational Amplifier	116	<b>GEOLOGY Paper–VII</b> (SCS4GL7) Igneous Petrology
			117	<b>MICROBIOLOGY Paper–VII</b> (SCS4MB7) Immunology & Medical Microbiology
<b>Wednesday</b> <b>04/05/2016</b>	118	<b>GEOGRAPHY Paper–VIII</b> (SCS4GG8) Agricultural Geography - II	119	<b>PSYCHOLOGY Paper–VIII</b> (SCS4PS8) Positive Psychology
	120	<b>ELECTRONICS Paper–VIII</b> (SCS4EL8) Digital Techniques and Microprocessor	121	<b>GEOLOGY Paper–VIII</b> (SCS4GL8) Sedimentary & Metamorphic Petrology
			122	<b>MICROBIOLOGY Paper–VIII</b> (SCS4MB8) Applied Microbiology-II

<b>B.Sc. Sem – IV (New w.e.f. Nov 2015)</b>					
<b>(CGPA Pattern-2014)</b>					
<b>Day &amp; Date</b>	<b>Sr. No</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 01:00 p.m.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 02:30 p.m. to 05:00 p.m.</b>	
<b>Saturday</b> <b>23/04/2016</b>	123	<b>CHEMISTRY Paper–V</b> (221403) Physical Chemistry	124	<b>COMPUTER SCIENCE Paper V</b> (221409) Data Structures	
<b>Monday</b> <b>25/04/2016</b>	125	<b>CHEMISTRY Paper–VI</b> (221404) Analytical & Industrial Inorganic Chemistry	126	<b>COMPUTER SCIENCE Paper–VI</b> (221410) System Analysis & Design	
<b>Tuesday</b> <b>26/04/2016</b>	127	<b>PHYSICS Paper-V</b> (221423) Optics	128	<b>BIO-CHEMISTRY Paper-III</b> (221405) Nutrition and Metabolism	
			129	<b>PLANT PROTECTION Paper–III</b> (221431) Introduction to weeds & non insect Pests	
<b>Wednesday</b> <b>27/04/2016</b>	130	<b>PHYSICS Paper-VI</b> (221424) Modern Physics	131	<b>BIO-CHEMISTRY Paper-IV</b> (221406) Molecular Biochemistry & Diseases	
			132	<b>PLANT PROTECTION Paper–IV</b> (221432) Insect pests and their Management	
<b>Thursday</b> <b>28/04/2016</b>	133	<b>STATISTICS Paper–V</b> (221425) Continuous Probability Distributions and Exact Probability Distributions	134	<b>METEOROLOGY Paper–III</b> (221429) Applied Climatology	
			135	<b>GEO-CHEMISTRY Paper-III</b> (221407) Principles of Geochemistry	
			136	<b>ZOOLOGY Paper–V</b> (221427) Animal Diversity – IV	
<b>Friday</b> <b>29/04/2016</b>	137	<b>STATISTICS Paper–VI</b> (221426) Applied Statistics	138	<b>METEOROLOGY Paper–IV</b> (221430) Meteorological Instruments	
			139	<b>GEO-CHEMISTRY Paper-IV</b> (221408) Chemistry of the Earth	
			140	<b>ZOOLOGY Paper–VI</b> (221428) Histology & Physiology	
<b>Saturday</b> <b>30/04/2016</b>	141	<b>MATHEMATICS Paper–V</b> (221421) Differential Equations	142	<b>BOTANY Paper–V</b> (221401) Plant Physiology and Cytogenetics	
<b>Monday</b> <b>02/05/2016</b>	143	<b>MATHEMATICS Paper–VI</b> (221422) Abstract Algebra - I	144	<b>BOTANY Paper–VI</b> (221402) Utilization of Plant	
<b>Tuesday</b> <b>03/05/2016</b>	145	<b>GEOGRAPHY Paper–V</b> (221413) Biogeography	146	<b>PSYCHOLOGY Paper–V</b> (221419) Cognitive Psychology	
			147	148	<b>GEOLOGY Paper–V</b> (221415) Igneous Petrology
				149	<b>MICROBIOLOGY Paper–V</b> (221417) Immunology & Medical Microbiology
<b>Wednesday</b> <b>04/05/2016</b>	150	<b>GEOGRAPHY Paper–VI</b> (221414) Agricultural Geography	151	<b>PSYCHOLOGY Paper–VI</b> (221420) Positive Psychology	
			152	153	<b>GEOLOGY Paper–VI</b> (221416) Sedimentary & Metamorphic Petrology
				154	<b>MICROBIOLOGY Paper–VI</b> (221418) Applied Microbiology-II

<b>B.Sc. Sem - V (New w.e.f. June 2015)</b> <b>(SYLLABUS-2013)</b>		
Day & Date	Sr. No.	Subject <b>Time: 10:30 a.m. to 12:30 p.m</b>
<b>Tuesday 22/03/2016</b>	155	<b>English (Compulsory)</b> (SCS5ENG) English Skills for Success
		<b><u>Special Paper-IX</u></b>
<b>Thursday 31/03/2016</b>	156	<b>Physics Paper-IX</b> (SCS5PH9) Mathematical Physics & Statistical Physics
	157	<b>Chemistry Paper-IX</b> (SCS5CH9) Physical Chemistry
	158	<b>Botany Paper-IX</b> (SCS5BO9) Biology of Cryptogams
	159	<b>Zoology Paper-IX</b> (SCS5ZO9) Non-chordates
	160	<b>Mathematics Paper-IX</b> (SCS5MT9) Algebra-II
	161	<b>Statistics Paper-IX</b> (SCS5ST9) Statistical Inference - I
	162	<b>Geology Paper-IX</b> (SCS5GL9) Earth's Physics and Dynamics
	163	<b>Microbiology Paper-IX</b> (SCS5MB9) Virology, Extremophiles and Bioinformatics
	164	<b>Electronics Paper-IX</b> (SCS5EL9) Linear Integrated Circuits and Applications
	165	<b>Computer Science Paper-IX</b> (SCS5CS9) Visual Programming
		<b><u>Special Paper -X</u></b>
<b>Friday 01/04/2016</b>	166	<b>Physics Paper-X</b> (SCS5PH10) Solid State Physics
	167	<b>Chemistry Paper-X</b> (SCS5CH10) Inorganic Chemistry
	168	<b>Botany Paper-X</b> (SCS5BO10) Gymnosperms and Palaeobotany
	169	<b>Zoology Paper-X</b> (SCS5ZO10) Biostatistics, Bioinformatics, Medical Zoology and Evolutionary Genetics
	170	<b>Mathematics Paper-X</b> (SCS5MT10) Complex Analysis
	171	<b>Statistics Paper-X</b> (SCS5ST10) Sampling Techniques
	172	<b>Geology Paper-X</b> (SCS5GL10) Geomorphology
	173	<b>Microbiology Paper-X</b> (SCS5MB10) Industrial Microbiology
	174	<b>Electronics Paper-X</b> (SCS5EL10) Fundamentals of Communication
	175	<b>Computer Science Paper-X</b> (SCS5CS10) Core Java



<b>B.Sc. Sem - V (New w.e.f. June 2015)</b> <b>(SYLLABUS-2013)</b>			<b>(Cont...)</b>
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 12:30 p.m</b>	
		<b><u>Special Paper XI</u></b>	
<b>Saturday</b> <b>02/04/2016</b>	176	<b>Physics Paper XI</b> (SCS5PH11) Classical Mechanics	
	177	<b>Chemistry Paper XI</b> (SCS5CH11) Organic Chemistry	
	178	<b>Botany Paper XI</b> (SCS5BO11) Genetics	
	179	<b>Zoology Paper XI</b> (SCS5ZO11) Comparative Anatomy of Chordates	
	180	<b>Mathematics Paper XI</b> (SCS5MT11) Integral Calculus	
	181	<b>Statistics Paper XI</b> (SCS5ST11) Probability Distributions & Stochastic Process	
	182	<b>Geology Paper XI</b> (SCS5GL11) Environmental Geology	
	183	<b>Microbiology Paper XI</b> (SCS5MB11) Agricultural Microbiology	
	184	<b>Electronics Paper XI</b> (SCS5EL11) Fundamentals of Microcontroller	
	185	<b>Computer Science Paper XI</b> (SCS5CS11) Operating System -I	
		<b><u>Special Paper XII</u></b>	
<b>Monday</b> <b>04/04/2016</b>	186	<b>Physics Paper XII</b> (SCS5PH12) Nuclear Physics	
	187	<b>Chemistry Paper XII</b> (SCS5CH12) Analytical and Industrial Physical Chemistry	
	188	<b>Botany Paper XII</b> (SCS5BO12) Plant Biochemistry	
	189	<b>Zoology Paper XII</b> (SCS5ZO12) Developmental Biology	
	190	<b>Mathematics Paper XII</b> (SCS5MT12) Partial Differential Equations	
	191	<b>Statistics Paper XII</b> (SCS5ST12) Operations Research and Applied Statistics	
	192	<b>Geology Paper XII</b> (SCS5GL12) Hydrogeology and Remote Sensing	
	193	<b>Microbiology Paper XII</b> (SCS5MB12) Immunology	
	194	<b>Electronics Paper XII</b> (SCS5EL12) Sensors and Instrumentation	
	195	<b>Computer Science Paper XII</b> (SCS5CS12) Data Communication and Networking - I	

<b>B.Sc. Sem - V (w.e.f. June 2012)</b> <b>(SYLLABUS-2010) (Old up to Mar 2016)</b>		
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 12:30 p.m</b>
<b>Tuesday</b> <b>22/03/2016</b>	196	<b>English (Compulsory)</b> (BSCS501) Countdown-English Skills for Success
		<b>Special Paper-IX</b>
<b>Thursday</b> <b>31/03/2016</b>	197	<b>Physics Paper-IX</b> (BSCS502) Mathematical Physics & Statistical Physics
	198	<b>Chemistry Paper-IX</b> (BSCS506) Physical Chemistry
	199	<b>Botany Paper-IX</b> (BSCS514) Biology of Cryptogams
	200	<b>Zoology Paper-IX</b> (BSCS518) Non-chordates
	201	<b>Mathematics Paper-IX</b> (BSCS510) Real Analysis
	202	<b>Statistics Paper-IX</b> (BSCS534) Statistical Inference - I
	203	<b>Geology Paper-IX</b> (BSCS522) Earth's Physics and Dynamics
	204	<b>Microbiology Paper-IX</b> (BSCS526) Virology, Extremophiles and Bioinformatics
	205	<b>Electronics Paper-IX</b> (BSCS530) Linear Integrated Circuits and Applications
	206	<b>Computer Science Paper-IX</b> (BSCS538) Visual Programming
		<b>Special Paper -X</b>
<b>Friday</b> <b>01/04/2016</b>	207	<b>Physics Paper-X</b> (BSCS503) Solid State Physics
	208	<b>Chemistry Paper-X</b> (BSCS507) Inorganic Chemistry
	209	<b>Botany Paper-X</b> (BSCS515) Gymnosperms and Palaeobotany
	210	<b>Zoology Paper-X</b> (BSCS519) Biostatistics, Bioinformatics, Medical Zoology and Evolutionary Genetics
	211	<b>Mathematics Paper-X</b> (BSCS511) Abstract Algebra
	212	<b>Statistics Paper-X</b> (BSCS535) Sampling Techniques
	213	<b>Geology Paper-X</b> (BSCS523) Geomorphology
	214	<b>Microbiology Paper-X</b> (BSCS527) Industrial Microbiology
	215	<b>Electronics Paper-X</b> (BSCS531) Fundamentals of Communication
	216	<b>Computer Science Paper-X</b> (BSCS539) Core Java

<b>B.Sc. Sem - V (w.e.f. June 2012)</b> <b>(SYLLABUS-2010) (Old up to Mar 2016)</b>			<b>(Cont...)</b>
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 12:30 p.m</b>	
		<b><u>Special Paper XI</u></b>	
<b>Saturday</b> <b>02/04/2016</b>	217	<b>Physics Paper XI</b> (BSCS504) Classical Mechanics & Spectroscopy	
	218	<b>Chemistry Paper XI</b> (BSCS508) Organic Chemistry	
	219	<b>Botany Paper XI</b> (BSCS516) Genetics	
	220	<b>Zoology Paper XI</b> (BSCS520) Comparative Anatomy of Chordates	
	221	<b>Mathematics Paper XI</b> (BSCS512) Complex Analysis	
	222	<b>Statistics Paper XI</b> (BSCS536) Probability Distributions & Stochastic Process	
	223	<b>Geology Paper XI</b> (BSCS524) Environmental Geology	
	224	<b>Microbiology Paper XI</b> (BSCS528) Agricultural Microbiology	
	225	<b>Electronics Paper XI</b> (BSCS532) Microcontroller and Interfacing	
	226	<b>Computer Science Paper XI</b> (BSCS540) Operating System -I	
		<b><u>Special Paper XII</u></b>	
<b>Monday</b> <b>04/04/2016</b>	227	<b>Physics Paper XII</b> (BSCS505) Electrodynamics	
	228	<b>Chemistry Paper XII</b> (BSCS510) Analytical and Industrial Physical Chemistry	
	229	<b>Botany Paper XII</b> (BSCS517) Plant Biochemistry	
	230	<b>Zoology Paper XII</b> (BSCS521) Developmental Biology	
	231	<b>Mathematics Paper XII</b> (BSCS513) Programming in C	
	232	<b>Statistics Paper XII</b> (BSCS537) Operations Research and Applied Statistics	
	233	<b>Geology Paper XII</b> (BSCS525) Hydrogeology and Remote Sensing	
	234	<b>Microbiology Paper XII</b> (BSCS529) Immunology	
	235	<b>Electronics Paper XII</b> (BSCS533) Power Electronics	
	236	<b>Computer Science Paper XII</b> (BSCS541) Data Communication and Networking - I	

<b>B.Sc. Sem - VI (w.e.f. Nov 2012)</b> <b>(SYLLABUS-2010) (Old up to Oct 2016)</b>		
Day & Date	Sr. No.	Subject <b>Time: 10:30 a.m. to 12:30 p.m.</b>
<b>Tuesday</b> <b>22/03/2016</b>	237	<b>English (Compulsory)</b> (BSCS601) Countdown-English Skills for Success
		<b><u>Special Paper-XIII</u></b>
<b>Wednesday</b> <b>23/03/2016</b>	238	<b>Physics Paper-XIII</b> (BSCS602) Nuclear Physics
	239	<b>Chemistry Paper-XIII</b> (BSCS606) Physical Chemistry
	240	<b>Botany Paper-XIII</b> (BSCS614) Microbiology and Plant Pathology
	241	<b>Zoology Paper-XIII</b> (BSCS618) Physiology
	242	<b>Mathematics Paper-XIII</b> (BSCS610) Metric Spaces
	243	<b>Statistics Paper-XIII</b> (BSCS634) Statistical Inference - II
	244	<b>Geology Paper-XIII</b> (BSCS622) Crystallography, Principles of Stratigraphy and Earth's History
	245	<b>Microbiology Paper-XIII</b> (BSCS626) Microbial Genetics
	246	<b>Electronics Paper-XIII</b> (BSCS630) Sensors and Instrumentation
	247	<b>Computer Science Paper-XIII</b> (BSCS638) Web Technology
		<b><u>Special Paper -XIV</u></b>
<b>Saturday</b> <b>26/03/2016</b>	248	<b>Physics Paper-XIV</b> (BSCS603) Materials Science
	249	<b>Chemistry Paper-XIV</b> (BSCS607) Inorganic Chemistry
	250	<b>Botany Paper-XIV</b> (BSCS615) Systematics of Angiosperms
	251	<b>Zoology Paper-XIV</b> (BSCS619) Endocrinology, Environmental Biology and Toxicology
	252	<b>Mathematics Paper-XIV</b> (BSCS611) Linear Algebra
	253	<b>Statistics Paper-XIV</b> (BSCS635) Design of Experiment
	254	<b>Geology Paper-XIV</b> (BSCS623) Pre-Cambrian Stratigraphy of India
	255	<b>Microbiology Paper-XIV</b> (BSCS627) Microbial Biochemistry
	256	<b>Electronics Paper-XIV</b> (BSCS631) Advanced Communication
	257	<b>Computer Science Paper-XIV</b> (BSCS639) Advanced Java

<b>B.Sc. Sem - VI (w.e.f. Nov 2012)</b> <b>(SYLLABUS-2010) (Old up to Oct 2016)</b>			<b>(Cont...)</b>
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 12:30 p.m.</b>	
		<b><u>Special Paper XV</u></b>	
<b>Monday</b> <b>28/03/2016</b>	258	<b>Physics Paper-XV</b> (BSCS604) Quantum Mechanics & Astrophysics	
	259	<b>Chemistry Paper-XV</b> (BSCS608) Organic Chemistry	
	260	<b>Botany Paper-XV</b> (BSCS616) Microbial Genetics, Plant Breeding and Biostatistics	
	261	<b>Zoology Paper-XV</b> (BSCS620) Molecular Biology and Biotechnology	
	262	<b>Mathematics Paper-XV</b> (BSCS612) Partial Differential Equation	
	263	<b>Statistics Paper-XV</b> (BSCS636) Limit Theorems, Reliability and Queuing Theory	
	264	<b>Geology Paper-XV</b> (BSCS624) Phanerozoic Stratigraphy of India	
	265	<b>Microbiology Paper-XV</b> (BSCS628) Environmental Microbiology	
	266	<b>Electronics Paper-XV</b> (BSCS632) Embedded System Design	
	267	<b>Computer Science Paper-XV</b> (BSCS640) Operating System –II	
		<b><u>Special Paper XVI</u></b>	
<b>Tuesday</b> <b>29/03/2016</b>	268	<b>Physics Paper-XVI</b> (BSCS605) Electronics & Computer Programming	
	269	<b>Chemistry Paper-XVI</b> (BSCS609) Analytical and Industrial Organic Chemistry	
	270	<b>Botany Paper-XVI</b> (BSCS617) Molecular Biology and Biotechnology	
	271	<b>Zoology Paper-XVI</b> (BSCS621) Biotechniques and Applied Zoology	
	272	<b>Mathematics Paper-XVI</b> (BSCS613) Graph Theory	
	273	<b>Statistics Paper-XVI</b> (BSCS637) C - Programming	
	274	<b>Geology Paper-XVI</b> (BSCS625) Economic Geology	
	275	<b>Microbiology Paper-XVI</b> (BSCS627) Medical Microbiology	
	276	<b>Electronics Paper-XVI</b> (BSCS633) Advanced Electronics Technology	
	277	<b>Computer Science Paper-XVI</b> (BSCS641) Data Communication and Networking - II	

<b>B.Sc. Sem - VI (New w.e.f. Nov 2015)</b> <b>(SYLLABUS-2013)</b>		
Day & Date	Sr. No.	Subject <b>Time: 10:30 a.m. to 12:30 p.m.</b>
<b>Tuesday</b> <b>22/03/2016</b>	278	<b>English (Compulsory) (SCS6ENC)</b> Breakthrough
		<b><u>Special Paper-XIII</u></b>
<b>Wednesday</b> <b>23/03/2016</b>	279	<b>Physics Paper-XIII (SCS6PH13)</b> Electrodynamics
	280	<b>Chemistry Paper-XIII (SCS6CH13)</b> Physical Chemistry
	281	<b>Botany Paper-XIII (SCS6BO13)</b> Microbiology and Plant Pathology
	282	<b>Zoology Paper-XIII (SCS6ZO13)</b> Physiology
	283	<b>Mathematics Paper-XIII (SCS6MT13)</b> Metric Spaces
	284	<b>Statistics Paper-XIII (SCS6ST13)</b> Statistical Inference - II
	285	<b>Geology Paper-XIII (SCS6GL13)</b> Crystallography, Principles of Stratigraphy and Earth's History
	286	<b>Microbiology Paper-XIII (SCS6MB13)</b> Microbial Genetics
	287	<b>Electronics Paper-XIII (SCS6EL13)</b> Power Electronics
	288	<b>Computer Science Paper-XIII (SCS6CS13)</b> Web Technology
		<b><u>Special Paper -XIV</u></b>
<b>Saturday</b> <b>26/03/2016</b>	289	<b>Physics Paper-XIV (SCS6PH14)</b> Materials Science
	290	<b>Chemistry Paper-XIV (SCS6CH14)</b> Inorganic Chemistry
	291	<b>Botany Paper-XIV (SCS6BO14)</b> Systematics of Angiosperms
	292	<b>Zoology Paper-XIV (SCS6ZO14)</b> Endocrinology, Environmental Biology and Toxicology
	293	<b>Mathematics Paper-XIV (SCS6MT14)</b> Numerical Analysis
	294	<b>Statistics Paper-XIV (SCS6ST14)</b> Design of Experiment
	295	<b>Geology Paper-XIV (SCS6GL14)</b> Pre-Cambrian Stratigraphy of India
	296	<b>Microbiology Paper-XIV (SCS6MB14)</b> Microbial Biochemistry
	297	<b>Electronics Paper-XIV (SCS6EL14)</b> Advanced Communication
	298	<b>Computer Science Paper-XIV (SCS6CS14)</b> Advanced Java

<b>B.Sc. Sem - VI (New w.e.f. Nov 2015)</b>			<b>(Cont...)</b>
<b>(SYLLABUS-2013)</b>			
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b>	
		<b>Time: 10:30 a.m. to 12:30 p.m.</b>	
		<b><u>Special Paper XV</u></b>	
<b>Monday 28/03/2016</b>	299	<b>Physics Paper-XV (SCS6PH15)</b> Atomic, Molecular Physics and Quantum Mechanics.	
	300	<b>Chemistry Paper-XV (SCS6CH15)</b> Organic Chemistry	
	301	<b>Botany Paper-XV (SCS6BO15)</b> Microbial Genetics, Plant Breeding and Biostatistics	
	302	<b>Zoology Paper-XV (SCS6ZO15)</b> Molecular Biology and Biotechnology	
	303	<b>Mathematics Paper-XV (SCS6MT15)</b> Integral Transform	
	304	<b>Statistics Paper-XV (SCS6ST15)</b> Limit Theorems, Reliability and Queuing Theory	
	305	<b>Geology Paper-XV (SCS6GL15)</b> Phanerozoic Stratigraphy of India	
	306	<b>Microbiology Paper-XV (SCS6MB15)</b> Environmental Microbiology	
	307	<b>Electronics Paper-XV (SCS6EL15)</b> Embedded System Design	
	308	<b>Computer Science Paper-XV (SCS6CS15)</b> Operating System –II	
		<b><u>Special Paper XVI</u></b>	
<b>Tuesday 29/03/2016</b>	309	<b>Physics Paper-XVI (SCS6PH16)</b> Electronics & Instrumentation	
	310	<b>Chemistry Paper-XVI (SCS6CH16)</b> Analytical and Industrial Organic Chemistry	
	311	<b>Botany Paper-XVI (SCS6BO16)</b> Molecular Biology and Biotechnology	
	312	<b>Zoology Paper-XVI (SCS6ZO16)</b> Biotechniques and Applied Zoology	
	313	<b>Mathematics Paper-XVI (SCS6MT16)</b> Programming in C	
	314	<b>Statistics Paper-XVI (SCS6ST16)</b> C – Programming	
	315	<b>Geology Paper-XVI (SCS6GL16)</b> Economic Geology	
	316	<b>Microbiology Paper-XVI (SCS6MB16)</b> Medical Microbiology	
	317	<b>Electronics Paper-XVI (SCS6EL16)</b> Measurement Instrumentation and Control System	
	318	<b>Computer Science Paper-XVI(SCS6CS16)</b> Data Communication and Networking - II	

B.Sc. Sem.-VI (Repeater Students)		
Day & Date	SUBJECT Time : 11:00 a.m. to 01:00 p.m.	Candidates note that Environmental Studies Examination will be conducted in their Parent College
	Environmental Studies (2014)	

**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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Ref No.: SUS/EXAM/TIME-TABLE/MAR-APR-2016/90  
Date : 20/01/2016

Sd/-  
(B P PATIL)  
CONTROLLER OF EXAMINATIONS





# **SOLAPUR UNIVERSITY, SOLAPUR**

## **CIRCULAR NO.19 EXAM OF 2016 SEMESTER PATTERN EXAMINATION**

### **DRAFT PROGRAM OF B.SC. (BIOTECHNOLOGY) SEMESTER – I TO VI EXAMINATION TO BE HELD EXAM MAR/APR 2016**

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 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 & Places of Examinations will be as under.**

Sr. No.	Center	College Abbreviation	Place
1	SOLAPUR	DHB	D.H.B. Soni College
2	WADALA	LOK	Lokmangal Biotechnology College

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

<b>B.Sc. (Biotechnology) Sem – I (w.e.f. June 2014) (CGPA Pattern-2014)</b>		
Day & Date	Sr. No.	Subject Time: 10:30 a.m. to 01:00 p.m.
Tuesday 22/03/2016	1	English (BTS101)
Wednesday 23/03/2016	2	Ecology & Microbiology (BTS102) Paper-I : Ecology Paper-II : Microbiology
Saturday 26/03/2016	3	Introduction to Biosciences (BTS103) Paper-I : Plant Science Paper-II : Animal Science
Monday 28/03/2016	4	Fundamentals of Chemistry and Biophysics (BTS104) Paper-I : Chemical Science Paper-II : Biophysics
Tuesday 29/03/2016	5	Cell Biology and Biostatistics (BTS105) Paper-I : Cell Biology Paper-II : Biostatistics

<b>B.Sc. (Biotechnology) Sem – II (w.e.f. Nov 2014)</b> <b>(CGPA Pattern-2014)</b>		
<b>Day &amp; Date</b>	<b>Sr. No</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 01:00 p.m.</b>
<b>Tuesday</b> <b>22/03/2016</b>	6	<b>English (BTS201)</b> On Track-English Skills for Success
<b>Thursday</b> <b>31/03/2016</b>	7	<b>Environmental Pollution and Microbial Techniques (BTS202)</b> Paper-I Environmental Pollution Paper-II Microbial Techniques
<b>Friday</b> <b>01/04/2016</b>	8	<b>Biochemistry and Cell Physiology (BTS203)</b> Paper-I Biochemistry Paper-II Cell Physiology
<b>Saturday</b> <b>02/04/2016</b>	9	<b>Biometry and Tissue Culture (BTS204)</b> Paper-I Biometry Paper-II Introduction to Tissue Culture
<b>Monday</b> <b>04/04/2016</b>	10	<b>Taxonomy and Computer Science (BTS205)</b> Paper-I Taxonomy Paper-II Computer Science

<b>B.Sc. (Biotechnology) Sem- III (New w.e.f. June 2015)</b> <b>(CGPA Pattern-2014)</b>		
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 02:30 p.m. to 05.00 p.m.</b>
<b>Tuesday</b> <b>05/04/2016</b>	11	<b>Inheritance Biology (BTS301)</b>
<b>Wednesday</b> <b>06/04/2016</b>	12	<b>Cyto-Genetics and Population Genetics (BTS302)</b>
<b>Thursday</b> <b>07/04/2016</b>	13	<b>Biophysical Instruments (BTS303)</b>
<b>Saturday</b> <b>09/04/2016</b>	14	<b>Analytical Techniques (BTS304)</b>
<b>Monday</b> <b>11/04/2016</b>	15	<b>Immunology – I (BTS305)</b>
<b>Tuesday</b> <b>12/04/2016</b>	16	<b>Immunology – II (BTS306)</b>

<b>B.Sc. (Biotechnology) Sem- III (w.e.f. June 2014)</b> <b>(SYLLABUS-2013) (Old up to Mar 2016)</b>		
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 02:30 p.m. to 04.30 p.m.</b>
<b>Tuesday</b> <b>05/04/2016</b>	17	<b>Genetics</b> Inheritance Biology – I (BTS3IHB)
<b>Wednesday</b> <b>06/04/2016</b>	18	<b>Genetics</b> Cyto-Genetics and Population Genetics – II (BTS3GPG)
<b>Thursday</b> <b>07/04/2016</b>	19	<b>Bio techniques</b> Biophysical Techniques – I (BTS3PT)
<b>Saturday</b> <b>09/04/2016</b>	20	<b>Bio techniques</b> Biochemical Techniques – II (BTS3BCT)
<b>Monday</b> <b>11/04/2016</b>	21	<b>Immunology</b> Cells and Organs of Immunity – I (BTS3COI)
<b>Tuesday</b> <b>12/04/2016</b>	22	<b>Immunology</b> Immune Effector Mechanisms – II (BTS3IEM)

<b>B.Sc. (Biotechnology) Sem- IV (New w.e.f. Nov 2015)</b> <b>(CGPA Pattern-2014)</b>		
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 01:00 p.m.</b>
<b>Wednesday 13/04/2016</b>	23	Molecular Biology – I (BTS401)
<b>Saturday 16/04/2016</b>	24	Molecular Biology – II (BTS402)
<b>Monday 18/04/2016</b>	25	Plant Tissue Culture (BTS403)
<b>Wednesday 20/04/2016</b>	26	Animal Tissue Culture (BTS404)
<b>Thursday 21/04/2016</b>	27	Bioenergetics and Enzymology (BTS405)
<b>Friday 22/04/2016</b>	28	Metabolism (BTS406)

<b>B.Sc. (Biotechnology) Sem- IV (w.e.f. Nov 2014)</b> <b>(SYLLABUS-2013) (Old up to Oct 2016)</b>		
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 12:30 p.m.</b>
<b>Wednesday 13/04/2016</b>	29	<b>Molecular Biology</b> (BTS4BCT) Molecular Biology of Gene
<b>Saturday 16/04/2016</b>	30	<b>Molecular Biology</b> (BTS4BPT) Gene Regulation
<b>Monday 18/04/2016</b>	31	<b>Tissue Techniques</b> (BTS4COI) Plant Tissue Culture
<b>Wednesday 20/04/2016</b>	32	<b>Tissue Techniques</b> (BTS4GPG) Animal Tissue Culture
<b>Thursday 21/04/2016</b>	33	<b>Metabolism</b> (BTS4IEM) Bioenergetics and Enzymology
<b>Friday 22/04/2016</b>	34	<b>Metabolism</b> (BTS4BIHB) Metabolism

<b>B.Sc. (Biotechnology) Sem- V</b> <b>(SYLLABUS-2013) (New w.e.f. June 2015)</b>		
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 12:30 p.m.</b>
<b>Tuesday 22/03/2016</b>	35	English (BTSS5ENG)
<b>Thursday 31/03/2016</b>	36	Plant Development (BTS5PD)
<b>Friday 01/04/2016</b>	37	Animal Development (BTS5AD)
<b>Saturday 02/04/2016</b>	38	Bioinformatics & Nanotechnology (BTS5BN)
<b>Monday 04/04/2016</b>	39	Recent Trends in Biotechnology (BTS5RTB)

<b>B.Sc. (Biotechnology) Sem- V (w.e.f. June 2012)</b> <b>(SYLLABUS-2010) (Old up to Mar 2016)</b>		
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 12:30 p.m.</b>
Tuesday 22/03/2016	40	English Countdown –English Skills for Success (BTS506)
Thursday 31/03/2016	41	Genetic Engineering : Tools & Techniques (BTS501)
Friday 01/04/2016	42	Fermentation Technology (BTS502)
Saturday 02/04/2016	43	Plant Development (BTS503)
Monday 04/04/2016	44	Bioinformatics (BTS504)

<b>B.Sc. (Biotechnology) Sem- VI</b> <b>(SYLLABUS-2013) (New w.e.f. Nov 2015)</b>		
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 12:30 p.m.</b>
Tuesday 22/03/2016	45	English Countdown –English Skills for Success (BTS6ENC)
Wednesday 23/03/2016	46	Genetic Engineering : Tools and Techniques (BTS6TT)
Saturday 26/03/2016	47	Genetic Engineering : Application (BTS6AP)
Monday 28/03/2016	48	Microbial Biotechnology : Fermentation Technology (BTS6FT)
Tuesday 29/03/2016	49	Microbial Biotechnology : Food and Dairy Technology (BTS6FDT)

<b>B.Sc. (Biotechnology) Sem- VI (w.e.f. Nov 2012)</b> <b>(SYLLABUS-2010) (Old up to Oct 2016)</b>		
<b>Day &amp; Date</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 12:30 p.m.</b>
Tuesday 22/03/2016	50	English Countdown –English Skills for Success (BTS606)
Wednesday 23/03/2016	51	Genetic Engineering : Applications (BTS601)
Saturday 26/03/2016	52	Food and Dairy Technology (BTS602)
Monday 28/03/2016	53	Animal Development (BTS603)
Tuesday 29/03/2016	54	Nano biotechnology (BTS604)

B.Sc. (Biotechnology) Sem-VI (Repeater Students)		
Day & Date	SUBJECT Time: 11:00 a.m. to 01:00 p.m.	Candidates note that Environmental Studies Examination will be conducted in their Parent College
	Environmental Studies (2013)	

**Note:**

1. The Practical Examination will be CONDUCTED BEFORE THE COMMENCEMENT OF 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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# SOLAPUR UNIVERSITY, SOLAPUR

## CIRCULAR NO.20 EXAM OF 2016 SEMESTER PATTERN EXAMINATION

### DRAFT PROGRAM OF B.SC. (ENTREPRENEURSHIP) SEMESTER – I TO VI EXAMINATION TO BE HELD IN MAR/APR-2016

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 center & Place of the Examinations will be as under.

Sr. No.	Center	College Abbreviation	Place
1	Wadala	LOK	Lokmangal Biotechnology College

#### The written Examination will be conducted in the following order.

<b>B.Sc. (Entrepreneurship) Sem – I (w.e.f. June 2014)</b> <b>(CGPA Pattern-2014)</b>		
Day & Date	Sr. No.	Subject Time: 10:30 a.m. to 01:00 p.m.
Tuesday 22/03/2016	1	English (ENT105)
Wednesday 23/03/2016	2	Entrepreneurship Paper – I (ENT101) Section-I Entrepreneurship & The world of Business Section-II Economics for Manager & Managerial Accounting
Saturday 26/03/2016	3	Industrial Chemistry Paper – I (ENT102) Section-I Fundamentals of Inorganic Chemistry Section-II Fundamentals of Organic Chemistry
Monday 28/03/2016	4	Industrial Microbiology –I (ENT103) Section-I Fundamentals of Microbiology Section-II Basic Techniques in Microbiology
Tuesday 29/03/2016	5	Industrial Biotechnology Paper-I (ENT104) Section-I Cell biology Section-II Animal & plant physiology

<b>B.Sc. (Entrepreneurship) Sem – II (w.e.f. Nov 2014)</b> <b>(CGPA Pattern-2014)</b>		
Day & Date	Sr. No.	Subject Time: 10:30 a.m. to 01:00 p.m.
Tuesday 22/03/2016	6	English (ENT205) On Track-English Skills for Success
Thursday 31/03/2016	7	<b>Entrepreneurship Paper – II (ENT201)</b> <b>Section-I</b> Principles of marketing & Management accounting <b>Section-II</b> Cost accounting and Project Management
Friday 01/04/2016	8	<b>Industrial Chemistry Paper – II (ENT202)</b> <b>Section-I</b> Fundamentals of Physical Chemistry <b>Section-II</b> Fundamentals of Analytical Chemistry
Saturday 02/04/2016	9	<b>Industrial Microbiology Paper – II (ENT203)</b> <b>Section-I</b> Fundamental of microbiology <b>Section-II</b> Basic techniques in Microbiology
Monday 04/04/2016	10	<b>Industrial Biotechnology Paper-II (ENT204)</b> <b>Section-I</b> Basic Biomolecules <b>Section-II</b> Basics of Metabolism

<b>B.Sc. (Entrepreneurship) Sem – III (New w.e.f. June 2015)</b> <b>(CGPA Pattern-2014)</b>		
Day & Date	Sr. No.	Subject Time: 02:30 p.m. to 05:00 p.m.
Tuesday 05/04/2016	11	<b>Entrepreneurship Paper –III (ENT301)</b> Principles of Business Management & Business Organization
Wednesday 06/04/2016	12	<b>Entrepreneurship Paper –IV (ENT302)</b> Advanced Accountancy & Auditing
Thursday 07/04/2016	13	<b>Industrial Chemistry Paper - III (ENT303)</b> Analytical & Industrial Aspects of Inorganic Chemistry
Saturday 09/04/2016	14	<b>Industrial Chemistry Paper – IV (ENT304)</b> Analytical & Industrial Aspects of Organic Chemistry
Monday 11/04/2016	15	<b>Microbial Biotechnology Paper - III (ENT305)</b> Genetics
Tuesday 12/04/2016	16	<b>Microbial Biotechnology Paper – IV (ENT306)</b> Fermentation Technology

<b>B.Sc. (Entrepreneurship) Sem – III (w.e.f. June 2014)</b> <b>(SYLLABUS-2013) (Old up to Mar 2016)</b>		
Day & Date	Sr. No.	Subject Time: 02:30 p.m. to 04:30 p.m.
Tuesday 05/04/2016	17	<b>Entrepreneurship Paper – V (ENTS3-01)</b> Principles of Business Management & Business Organization
Wednesday 06/04/2016	18	<b>Entrepreneurship Paper-VI (ENTS3-02)</b> Advanced Accountancy & Auditing
Thursday 07/04/2016	19	<b>Industrial Chemistry Paper – V (ENTS3-03)</b> Analytical & Industrial Aspects of Inorganic Chemistry
Saturday 09/04/2016	20	<b>Industrial Chemistry Paper – VI (ENTS3-04)</b> Analytical & Industrial Aspects of Organic Chemistry
Monday 11/04/2016	21	<b>Microbiology &amp; Biotechnology Paper-V (ENTS3-05)</b> Genetics
Tuesday 12/04/2016	22	<b>Microbiology &amp; Biotechnology Paper-VI (ENTS3-06)</b> Fermentation Technology

<b>B.Sc. (Entrepreneurship) Sem – IV (w.e.f. Nov 2014)</b> <b>(SYLLABUS-2013) (Old up to Oct 2016)</b>		
Day & Date	Sr. No.	Subject <b>Time: 10:30 a.m. to 12:30 p.m.</b>
Wednesday 13/04/2016	23	<b>Entrepreneurship Paper – VII (ENT-201)</b> Corporate Accounting & Professional Ethics
Saturday 16/04/2016	24	<b>Entrepreneurship Paper-VIII</b> Marketing Decision & International Marketing
Monday 18/04/2016	25	<b>Industrial Chemistry Paper – VII (ENT-202)</b> Analytical & Industrial Aspects of Physical Chemistry
Wednesday 20/04/2016	26	<b>Industrial Chemistry Paper – VIII</b> Industrial Aspects of Applied Chemistry
Thursday 21/04/2016	27	<b>Microbiology &amp; Biotechnology Paper-VII (ENT-203)</b> Molecular Biology
Friday 22/04/2016	28	<b>Microbiology &amp; Biotechnology Paper-VIII</b> Food & Dairy Technology

<b>B.Sc. (Entrepreneurship) Sem – IV (New w.e.f. Nov 2015)</b> <b>(CGPA Pattern-2014)</b>		
Day & Date	Sr. No.	Subject <b>Time: 10:30 a.m. to 01:00 p.m.</b>
Wednesday 13/04/2016	29	<b>Entrepreneurship Paper – V (ENT401)</b> Corporate Accounting & Professional Ethics
Saturday 16/04/2016	30	<b>Entrepreneurship Paper-VI (ENT402)</b> Marketing Decision & International Marketing
Monday 18/04/2016	31	<b>Industrial Chemistry Paper – V(ENT403)</b> Analytical & Industrial Aspects of Physical Chemistry
Wednesday 20/04/2016	32	<b>Industrial Chemistry Paper – VI (ENT404)</b> Industrial Aspects of Applied Chemistry
Thursday 21/04/2016	33	<b>Microbiology &amp; Biotechnology Paper-V(ENT405)</b> Molecular Biology
Friday 22/04/2016	34	<b>Microbiology &amp; Biotechnology Paper-VI (ENT406)</b> Food & Dairy Technology

<b>B.Sc. Sem – V (Entrepreneurship)</b> <b>(SYLLABUS-2013) (New w.e.f. June 2015)</b>		
Day & Date	Sr. No.	Subject <b>Time: 10:30 a.m. to 12:30 p.m.</b>
Tuesday 22/03/2016	35	English
Thursday 31/03/2016	36	<b>Entrepreneurship Paper – IX</b> Business Finance
Friday 01/04/2016	37	<b>Entrepreneurship Paper-IX</b> Human Resource Management
Saturday 02/04/2016	38	<b>Industrial Chemistry Paper – IX</b> Spectroscopic Methods
Monday 04/04/2016	39	<b>Industrial Microbiology &amp; Biotechnology Paper – IX</b> Advance in Fermentation Technology



<b>B.Sc. Sem – V (Entrepreneurship) (w.e.f. June 2012)</b> <b>(SYLLABUS-2010) (Old up to Mar 2016)</b>		
Day & Date	Sr. No.	Subject <b>Time: 10:30 a.m. to 12:30 p.m.</b>
Tuesday 22/03/2016	40	English (ENTS505) Countdown-English Skills for Success
Thursday 31/03/2016	41	Entrepreneurship Paper – IX (ENTS501) Business Finance
Friday 01/04/2016	42	Entrepreneurship Paper-IX (ENTS502) Human Resource Management
Saturday 02/04/2016	43	Industrial Chemistry Paper – IX (ENTS503) Spectroscopic Methods
Monday 04/04/2016	44	Industrial Microbiology & Biotechnology Paper – IX Fermentation Technology & its Application (ENTS504)

<b>B.Sc. (Entrepreneurship) Sem – VI (w.e.f. Nov 2012)</b> <b>(SYLLABUS-2010) (Old up to Oct 2016)</b>		
Day & Date	Sr. No.	Subject <b>Time: 10:30 a.m. to 12:30 p.m.</b>
Tuesday 22/03/2016	45	English (ENTS605) Countdown-English Skills for Success
Wednesday 23/03/2016	46	Entrepreneurship Paper – X (ENTS601) International Business
Saturday 26/03/2016	47	Entrepreneurship Paper - X (ENTS602) Organizational Behavior
Monday 28/03/2016	48	Ind. Chemistry Paper - X (ENTS603) Techniques in Industrial Chemistry
Tuesday 29/03/2016	49	Ind. Microbiology & Biotechnology Paper - X (ENTS604) Genetic Engineering & Techniques in Plant Tissue Culture

<b>B.Sc. (Entrepreneurship) Sem – VI</b> <b>(SYLLABUS-2010) (New w.e.f. June 2015)</b>		
Day & Date	Sr. No.	Subject <b>Time: 10:30 a.m. to 12:30 p.m.</b>
Tuesday 22/03/2016	50	English Countdown-English Skills for Success
Wednesday 23/03/2016	51	Entrepreneurship Paper – X International Business
Saturday 26/03/2016	52	Entrepreneurship Paper - X Organizational Behavior
Monday 28/03/2016	53	Ind. Chemistry Paper - X Techniques in Industrial Chemistry
Tuesday 29/03/2016	54	Ind. Microbiology & Biotechnology Paper - X Genetic Engineering & Techniques in Plant Tissue Culture

B.Sc. (Entrepreneurship) Sem-VI (Repeater Students)		
Day & Date	SUBJECT Time: 11:00 a.m. to 01:00 p.m.	Candidates note that Environmental Studies Examination will be conducted in their Parent College
	Environmental Studies (2010)	

**Note:**

1. The students are allowed to use the calculators for Numerical calculations at their own cost. University will not supply such calculators.
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# **SOLAPUR UNIVERSITY, SOLAPUR**

## **CIRCULAR NO.21 EXAM OF 2016** **SEMESTER PATTERN EXAMINATION**

### **DRAFT PROGRAM OF B.SC. ENTIRE COMPUTER SCIENCE (E.C.S.) SEMESTER – I TO VI EXAMINATION TO BE HELD IN MAR/APR-2016**

1. Students should see their Seat No. and Name in the Name list and mistakes if any should be communicate 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. If the 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 Examination **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 & Places of the Examinations will be as under.**

<b>Sr. No.</b>	<b>Center</b>	<b>College Abbreviation</b>	<b>Place</b>
1	SOLAPUR	UES	U.E.S. Mahila Mahavidyalaya
2	PANDHARPUR	KBP	Karmveer Bhaurao Patil Mahavidhyalaya
3	SANGOLA	VIMAS	Vidnyan Mahavidyalaya
4		SANG	Sangola College
5	AKLUJ	GCCTA	Green Fingers College of Computer & Technology
6	NATEPUTE	VMP	S.M. Shankarrao Mohite Patil College
7	Wadala	LOK	Lokmangal Biotechnology College
8	Vairag	SGM	Sou. Suvarnalata Gandhi Mahavidyalaya

**Note : According to the students strength Examination centers may be changed before Examinations.**

The Written Examination will be conducted in the following order:

<b>B.Sc. (E.C.S.) Sem – I (w.e.f. June 2014)</b> <b>(CGPA Pattern-2014)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time: 10:30 a.m. to 01:00 p.m.
Tuesday 22/03/2016	I	1	English – I (ECSS101)
Wednesday 23/03/2016	II	2	Section: I Computer Fundamentals (ECSS102) Section: II Programming using C – I
Saturday 26/03/2016	III	3	Section: I Linear (ECSS103) Section: II Digital Electronics - I
Monday 28/03/2016	IV	4	Section: I Graph Theory (ECSS104) Section: II Numerical Methods
Tuesday 29/03/2016	V	5	Section: I Descriptive Statistics (ECSS105) Section: II Probability Theory – I

<b>B.Sc. (E.C.S.) Sem – II (w.e.f. Nov 2014)</b> <b>(CGPA Pattern-2014)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time: 10:30 a.m. to 01:00 p.m.
Tuesday 22/03/2016	I	6	English – II (ECSS201)
Thursday 31/03/2016	II	7	Section: I Computer Fundamentals (ECSS202) Section: II Programming Using 'C' – II
Friday 01/04/2016	III	8	Section: I Linear (ECSS203) Section: II Digital Electronics – II
Saturday 02/04/2016	IV	9	Section: I Algebra (ECSS204) Section: II Operation Research
Monday 04/04/2016	V	10	Section: I Descriptive Statistics (ECSS205) Section: II Probability Theory – II

<b>B.Sc. (E.C.S.) Sem – III (New w.e.f. June 2015)</b> <b>(CGPA Pattern-2014)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time: 02:30 p.m. to 05:00 p.m.
Tuesday 05/04/2016	I	11	Operating System (ECSS301)
Wednesday 06/04/2016	II	12	Object Oriented Programming Using C++ - I (ECSS304)
Thursday 07/04/2016	III	13	Data Structures and Algorithms (ECSS302)
Saturday 09/04/2016	IV	14	Software Engineering – I (ECSS305)
Monday 11/04/2016	V	15	Organization of P.C. (ECSS303)
Tuesday 12/04/2016	VI	16	Microprocessors – I (ECSS306)

<b>B.Sc. (E.C.S.) Sem – III (w.e.f. June 2014)</b> <b>(SYLLABUS-2013) (Old up to Mar 2016)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 02:30 p.m. to 04:30 p.m.</b>
<b>Tuesday 05/04/2016</b>	<b>I</b>	<b>17</b>	Operating System – I
<b>Wednesday 06/04/2016</b>	<b>II</b>	<b>18</b>	Object Oriented Programming Using C++ - I
<b>Thursday 07/04/2016</b>	<b>III</b>	<b>19</b>	Data Structures and Algorithms - I
<b>Saturday 09/04/2016</b>	<b>IV</b>	<b>20</b>	Software Engineering – I
<b>Monday 11/04/2016</b>	<b>V</b>	<b>21</b>	Organization of P.C. - I
<b>Tuesday 12/04/2016</b>	<b>VI</b>	<b>22</b>	Microprocessors – I
<b>Wednesday 13/04/2016</b>	<b>VII</b>	<b>23</b>	English – I

<b>B.Sc. (E.C.S.) Sem – IV (w.e.f. Nov 2014)</b> <b>(SYLLABUS-2013) (Old up to Oct 2016)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr. No.</b>	<b>Subject</b> <b>Time: 10:30 a.m. to 12:30 p.m.</b>
<b>Saturday 16/04/2016</b>	<b>I</b>	<b>24</b>	Operating System – II
<b>Monday 18/04/2016</b>	<b>II</b>	<b>25</b>	Object Oriented Programming Using C++ - II
<b>Wednesday 20/04/2016</b>	<b>III</b>	<b>26</b>	Data Structures and Algorithms - II
<b>Thursday 21/04/2016</b>	<b>IV</b>	<b>27</b>	Software Engineering – II
<b>Friday 22/04/2016</b>	<b>V</b>	<b>28</b>	Organization of P.C. - II
<b>Saturday 23/04/2016</b>	<b>VI</b>	<b>29</b>	Microprocessors – II
<b>Monday 25/04/2016</b>	<b>VII</b>	<b>30</b>	English – II

<b>B.Sc. (E.C.S.) Sem – IV (New w.e.f. Nov 2015)</b> <b>(CGPA Pattern-2014)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time: 10:30 a.m. to 01:00 p.m.
Saturday 16/04/2016	I	31	Operating System – II (ECSS401 )
Monday 18/04/2016	II	32	Object Oriented Programming Using C++ - II (ECSS404)
Wednesday 20/04/2016	III	33	Data Structures and Algorithms - II (ECSS402)
Thursday 21/04/2016	IV	34	Software Engineering – II (ECSS405)
Friday 22/04/2016	V	35	Organization of P.C. - II (ECSS403)
Saturday 23/04/2016	VI	36	Microprocessors – II (ECSS406)

<b>B.Sc. (E.C.S.) Sem – V</b> <b>(New w.e.f. June 2015)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time: 02:30 p.m. to 04:30 p.m.
Thursday 31/03/2016	I	38	Data Communication and Networking – I
Friday 01/04/2016	II	39	Database Management System – I
Saturday 02/04/2016	III	40	Core Java
Monday 04/04/2016	IV	41	Theory of Computer Science
Tuesday 05/04/2016	V	42	Web Technology and E-Commerce – I
Wednesday 06/04/2016	VI	43	Visual Programming and Application Software – I

<b>B.Sc. (E.C.S.) Sem – V (w.e.f. June 2012)</b> <b>(SYLLABUS-2010) (Old up to Mar 2016)</b>			
Day & Date	Paper No.	Sr. No.	Subject Time: 02:30 p.m. to 04:30 p.m.
Thursday 31/03/2016	I	44	Data Communication and Networking – I (ECS501)
Friday 01/04/2016	II	45	Database Management System – I (ECS502)
Saturday 02/04/2016	III	46	Core Java (ECS503)
Monday 04/04/2016	IV	47	Theory of Computer Science (ECS504)
Tuesday 05/04/2016	V	48	Web Technology and E-Commerce – I (ECS505)
Wednesday 06/04/2016	VI	49	Visual Programming and Application Software – I (ECS506)

<b>B.Sc. (E.C.S.) Sem – VI (w.e.f. Nov 2012)</b> <b>(SYLLABUS-2010) (Old up to Oct 2016)</b>			
Day & Date	Paper No.	Sr. No.	Subject <b>Time: 02:30 p.m. to 04:30 p.m.</b>
Tuesday 22/03/2016	I	50	Data Communication and Networking – II (ECS601)
Wednesday 23/03/2016	II	51	Database Management System – II (ECS602)
Saturday 26/03/2016	III	52	Advanced Java (ECS603)
Monday 28/03/2016	IV	53	Compiler Construction (ECS604)
Tuesday 29/03/2016	V	54	Web Technology and E-Commerce – II (ECS605)
Wednesday 30/03/2016	VI	55	Visual Programming and Application Software – II (ECS606)

<b>B.Sc. (E.C.S.) Sem – VI</b> <b>(SYLLABUS-2010) (New w.e.f. Nov 2015)</b>			
Day & Date	Paper No.	Sr. No.	Subject <b>Time: 02:30 p.m. to 04:30 p.m.</b>
Tuesday 22/03/2016	I	56	Data Communication and Networking – II (ECS601)
Wednesday 23/03/2016	II	57	Database Management System – II (ECS602)
Saturday 26/03/2016	III	58	Advanced Java (ECS603)
Monday 28/03/2016	IV	59	Compiler Construction (ECS604)
Tuesday 29/03/2016	V	60	Web Technology and E-Commerce – II (ECS605)
Wednesday 30/03/2016	VI	61	Visual Programming and Application Software – II (ECS606)

<b>B.Sc. (E.C.S.) Sem-VI (Repeater Students)</b>		
Day & Date	SUBJECT <b>Time : 11:00 a.m. to 01:00 p.m.</b>	Candidates note that Environmental Studies Examination will be conducted in their Parent College
	Environmental Studies (2010)	

**Note:**

1. The use of stencil is allowed at the Examination.
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 & Digital Diary or any means which can be used for unfair practice are not allowed in the Examination hall.

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