



SHIVAJI UNIVERSITY, KOLHAPUR
(Circular No – 115 Exam March/April 2019)
(University Examination Only)

Draft programme for the University Examination pattern Students B.Sc. Part – II & III Semester – III, IV, V & VI Semester to be held on March/April 2019

1. The Students should see their No's & Name in the Name list and mistakes if any should be communicated to this office **IMMEDIATELY**.
2. All The candidates are requested to confirm their Examination **Seat No's** as well **place** of examination Mentioned on the Notice Board of the University / College at least **Two days** before the date of Examination.
3. 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**.
4. The Candidates are requested to be present at their respective places of examinations **FIFTEEN MINUTES** before the time scheduled for starting of the first paper and **TEN MINUTES** before of starting of each subsequent paper.
5. The Candidates are forbidden to take any book or paper into the Examination Hall.
6. The Candidate should write the answers in **BLUE INK** only.
7. The students are allowed to use the Non Programmable Scientific Calculators for numerical calculations at their own cost. The University will not supply such calculators.
8. The cellular phone, programmable scientific calculator and digital diary or any other means which can be used for unfair practice are not allowed in the Examination hall.
9. The Seating arrangement is made **datewise and subjectwise** therefore, The candidates are requested to see their seating arrangement one day before the date of examination.
10. The **Centers and Places** of the Examination are as follows.

(KOLHAPUR DISTRICT)

Sr. No.	Centre Name	Centre Code	College Abbreviation	College Code	Place
1	KOLHAPUR	03	GKG	260	Gopal Krishna Gokhale College
			NCK	30	The New College (Shivaji Peth)
			R	31	Rajaram College
			SHAHU	32	Rajarshri Chh. Shahu College (Sadar Bazar)
			V	01	Vivekanand College (Tarabai Park)
			SSCM	34	Shri. Shahaji Chhatrapati Mahavidyalay
			MMK	28	Mahaveer Mahavidyalaya
2	ICHALKARANJI	09	ICH	38	Dattajirao Kadam Arts, Science & Commerce College
3	JAYSINGPUR	04	J	43	Jayssingpur College
4	GADHINGLAJ	13	GAD	03	Shivraj College of Arts & Comm & D.S. Kadam Science College
5	ARJUNNAGAR	16	DA	48	Devchand College
6	GARGOTI	17	KHCG	49	Karmaveer Hire Arts, Science, Commerce & Education College
7	WARANANAGAR	10	W	50	Y C Warana Mahavidyalaya Warananagar
8	KURUKALI	18	BMK	51	Bhogawati Mahavidyalaya
9	KURUNDWAD	19	KWD	52	Sahakarbhushan S.K. Patil Mahavidyalaya
10	AJARA	20	AMA	53	Ajara Mahavidyalaya
11	PETH-VADGAON	21	VUMP	55	Shri Vijaysingh Yadav Arts & Science College
12	HALKARNI	23	HAL	54	Yashwantrao Chavan Mahavidyalaya
13	BIDRI	27	DMB	61	Doodh Sakhar Mahavidyalaya
14	MALKAPUR	33	MALKA	66	Prof. Dr. N.D. Patil Arts, Commerce & Science College
15	TISANGI	34	TISGI	67	M.H. Shinde Mahavidyalaya
16	CHANDGAD	37	CHAND	70	Shri. R.B. Madkholkar Mahavidyalaya
17	ASURLE PORLE	502	ASURLE PROLE	377	Arts, Commerce and Science College
18	KARVE	723	KARVE	427	V.K.Chavan Patil Arts, Comm and Science College
19	GAGANBAWADA	725	ANNDI	429	Anandi Arts, Commerce and Science College
20	SOLANKUR	682	YPVMS	436	Yashwantrao Patil Vidnyan Mahavidyalaya
21	KASABA BEED	963	BEED	469	Arts, Commerce and Science College
22	MURGUD	28	MUR	62	Sadashivrao Mandlik Mahavidyalaya
23	SARUD	22	SRD	56	Shri. Shiv Shahu Mahavidyalaya
24	KAGAL	26	DRM	60	D.R. Mane Arts and Commerce College
25	KOTOLI	39	MKOT	72	Shripatrao Chougule Arts and Science College
26	HATKANANGALE	38	HAT	71	Shri Annasaheb Dange Arts Comm & Science College
27	KOWAD	14	KOWAD	02	Arts Commerce & Science College
28	YELUR	-----	SHOKOR	613	Shri Shobhatai Kore Warana Mahavidyalaya
29	SARVADE	36	PARMOR	611	Parvatibai More Mahila Maha Arts Comm & Science
30	PANORE	984	PANORE	512	Lahu Bala Paritkar Arts Comm & Science

(SANGLI DISTRICT)

Sr. No.	Centre Name	Centre Code	College Abbreviation	College Code	Place
1	SANGLI	11	ASCS	73	Dr. Patangrao Kadam Mahavidyalaya Sangalwadi
			KWS	78	Smt.Kasturbai Walchand College of Arts and Science
			WDN	80	Willingdon College, Sangli.
2	MIRAJ	40	M	83	Shikshan Maharshi Dr. Bapuji Salunkhe Mahavidyalaya
			MIRAJ	84	Miraj Mahavidyalaya Miraj
3	VITA	41	BAL	86	Balwant College Vita
			HPMV	261	Adarsha College Vita
4	URUN-ISLAMPUR	42	KMU	88	Smt.Kusumtai R Patil Kanya Mahavidyalaya
			U	90	Karmveer Bhaurao Patil College
5	TASGAON	43	T	92	Padm. Dr. Vasantodada Patil Mahavidyalaya Tasgaon
6	RAMANANDNAGAR	44	RAM	93	Arts, Science and Commerce College Ramanandnagar
7	JATH	45	RAJE	94	Raje Ramrao Mahavidyalaya Jath
8	KAVATE MAHANKAL	46	KVT	95	Padmbhushan Vasantodada Patil Mahavidyalaya
9	ATPADI	50	ATP	283	Shrimant Babasaheb Deshmukh Mahavidyalaya ATPadi
10	SHIRALA	51	SRL	100	Vishwasrao Naik Arts, Commerce and Baba Naik Science Mahavidyalaya
11	KADEGAON	52	KMK	101	BV's Mathoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya Kadegaon
12	SAVALAJ	53	SAV	102	Shri. Raosaheb Ramrao Patil Mahavidyalaya
13	WALWE	54	WALWE	103	Krantisinh Nana Patil College Walwe
14	PALUS	55	PALUS	104	Arts, Commerce & Science College
15	CHIKHALI	57	CHIK	106	Deshbhakt A.B. Naik Arts and Science College, Chikhali.
16	UMADI	342	UMADI	315	Arts, Commerce and Science College
17	SALGARE	946	VDS	468	Vitthal (Daji) Commerce and Science College Salgare
18	BHILAWADI	56	BHIL	105	Babasaheb Chitale College, bhilawadi.
19	KUNDAL	-----	KUNDL	107	Krantiagrani G D Lad Maha Kundal
20	DIGHANCHI	-----	ISHMOR	612	IshwarraoMore-Patil Arts,Comm & Sci Mahila Maha
21	KAVATE MAHANKAL	-----	MMKVT	615	Mahila Maha Arts, Commerce and Science College
22	SANKHA	-----	RKP	616	Shri R K Patil Arts, Commerce and Science College
23	JADRABOBLAD	-----	JACSM	617	Shri Gajanan Arts, Commerce and Science College
24	PETH	-----	VCS	620	Shri Venkatheshwara College of Science
25	URUN-ISLAMPUR	-----	YCU	91	Y C Arts and Science College

(SATARA DISTRICT)

Sr. No.	Centre Name	Centre Code	College Abbreviation	College Code	Place
1	SATARA	08	YCIS	149	Y.C. Institute of Science College Satara
			LAL	145	Lal Bahadur Shastri College Satara
2	PHALTAN	73	MUD	151	Mudhoji College Phaltan
3	KARAD	02	SGM	158	Sadguru gadge maharaj College.Karad
			YCSK		Y.C. College of Science Karad
4	KHATAV	74	SRK	152	Shahajiraje Mahavidyalaya
5	PATAN	75	BD	159	Balasaheb Desai College Patan
			VDDS	490	Smt. Vijayadevi Desai Senior College
6	WAI	77	WAI	161	Kisan Veer Mahavidyalaya
			MMW	376	Bhimrao Shinde Arts, Commerce and Science Mahila Mahavidyalaya
7	KOREGAON	78	KOR	162	D.P. Bhosale College
8	DAHIWADI	80	DAH	164	Dahiwadi College Dahiwadi
9	LONAND	81	LON	165	Sharadchandra Pawar College
10	RETHARE (BK)	84	KMR	168	Krishna mahavidyalaya
11	MEDHA	87	ACMED	170	Amdar Shashikant Shinde Mahavidyalaya
12	RAHIMATPUR	88	RAHI	172	Sardar Babasaheb Mane Mahavidyala Rahimatpur
13	AUNDH	89	AUNDH	173	Raja Shripatrao Bhagwantrao Mahavidyalaya
14	MHASWAD	92	MSWD	176	Shrimant Bhaiyasaheb Rajemane College
15	KHANDALA	462	RMK	353	Rajendra Mahavidyalaya
16	PACHGANI	83	PACH	167	Smt. Minalben Metha College of Arts and Commerce
17	MAYANI	86	MAYA	171	Arts and Commerce Mahavidyalaya
18	VADUJ	-----	WADUS	175	Arts and Commerce College, Vaduj

B. Sc Part – II Semester – III (University Examination)

Day & Date	Subject Code No.	Time: 11:00 AM to 01:00 p.m	Subject Code No.	Time: 03:00 p.m to 05:00 p.m
Monday 27/05//2019	63603	Chemistry Paper - V (Organic Chemistry)	63611	Computer Science Paper- V (Fundamentals of Software Engineering)
Tuesday 28/05//2019	63603	Chemistry Paper - VI (Analytical Chemistry)	63611	Computer Science Paper- VI (Object Oriented Programming Using C++)
Wednesday 29/05//2019	63602	Physics Paper- V (General Physics, Sound and Acoustics)	63613	Plant Protection Paper- I (Major Crops, Methods of Integrated Plant Protection)
			63614	Fisheries Paper – I (Fishery Biology – I)
			63615	Biochemistry Paper- I (IDS) (Biomolecules)
			63617	Industrial Microbiology Paper – V (Industrial Production of Fermented foods)
			63618	Biotechnology (Optional/ vocational) Paper- V (Biophysics & Enzyme Technology)
Thursday 30/05//2019	63602	Physics Paper- VI (New) (Electronics and Semi Conductor Devices)	63613	Plant Protection Paper- II (Introduction to Weeds and Non- In seeds Pests)
			63614	Fisheries Paper - II (Fish Physiology) – II
			63615	Biochemistry Paper – II (IDS) (Metabolism and Nutrition)
			63617	Industrial Microbiology Paper – VI (Quality Control of Food Production)
			63618	Biotechnology (Opt / Vocational Paper-VI) (Molecular biology)
Friday 31/05//2019	63605	Zoology Paper- V (Animal Diversity- III)	63612	Astro Physics Paper- I (Fundamentals of Astronomy)
	63606	Statistics Paper – V (probability Distributions) – I	63616	Seed Technology Paper- V (Hybrid Seed Production)
			63620	Pollution Paper- I (Ecology and Pollution)
Saturday 01/06//2019	63605	Zoology Paper- VI (Genetics & Biological Chemistry)	63612	Astro Physics Paper- II (Fundamentals of Astrophysics)
	63606	Statistics Paper- VI (Statistical Methods – I)	63616	Seed Technology Paper- VI (Vegetable Seed Production)
			63620	Pollution Paper- II (Water Pollution –I)
Monday 03/06//2019	63604	Botany Paper- V (Algae, Fungi, Bryophytes & Industrial Applications)	63601	Mathematics Paper- V (Differential Calculus)
Tuesday 04/06//2019	63604	Botany Paper- VI (Plants Physiology Ecology & Horticulture)	63601	Mathematics Paper- VI (Differential Equations)
Thursday 06/06//2019	63609	Electronics Paper- V (Digital Electronics)	63607	Geology Paper- V (Mineralogy and Optics)
	63621	Biochemistry Optional Paper – V (Bioenergetics & Metabolism-I)	63608	Microbiology Paper- V (Cytology ,Physiology and Metabolism)
			70532	Astro Physics & Space Sci. Paper – V (Celestial Mechanics)
Friday 07/06//2019	63609	Electronics Paper- VI (Introduction to Microprocessor)	63607	Geology Paper- VI (Igneous Petrology)
	63621	Biochemistry Optional Paper- VI (Nutrition & Metabolism - II)	63608	Microbiology Paper- VI (Microbial genetic)
			70532	Astro Physics & Space Sci. Paper – VI (Introductory Quantum Mechanics)
			70533	Nano Technology Paper – VI (Nano-chemistry)

B. Sc Part – II Semester – IV (University Examination)

Day & Date	Subject Code No.	Time: 11:00 AM to 02:00 p.m	Subject Code No.	Time: 03:00 p.m to 05:00 p.m
<u>Tuesday</u> 14/05//2019	63703	Chemistry Paper – VII (Physical Chemistry)	63711	Computer Science Paper – VII (Relational Database Management – Systems)
<u>Wednesday</u> 15/05//2019	63703	Chemistry Paper – VIII (Inorganic Chemistry)	63711	Computer Science Paper – VIII (Advance .Object Oriented Programming Using C++)
<u>Thursday</u> 16/05//2019	63702	Physics Paper – VII (Optics and Lasers)	63714	Plant Protection Paper- III (Crop Diseases and Their Management)
			63715	Biochemistry Paper – III (IDS) (Biochemical Techniques & Bioinformatics)
			63716	Fisheries Paper – III (Inland Fisheries)
			63717	Food Science & Quality Control Paper - VII (Quality Control of food products)
			63719	Industrial Microbiology Paper – VII (Fermentation Technology)
			63720	Biotechnology (Optional/Vocational) Paper VII (Immunology)
<u>Friday</u> 17/05//2019	63702	Physics Paper – VIII (Relativity and Modern Physics)	63714	Plant Protection Paper – IV (Insect Pest and their Management)
			63715	Biochemistry Paper – IV (IDS) (Molecular Biology & Biotechnology)
			63716	Fisheries Paper- IV (Aquaculture)
			63717	Food Science & Quality Control Paper – VIII (Cereals and Pulses Technology)
			63719	Industrial Microbiology Paper- VIII (Industrial Production of Biofertilisers)
			63720	Biotechnology (Opt/ voc) Paper- VIII (R-DNA technology)
<u>Monday</u> 20/05//2019	63705	Zoology Paper – VII (Animal Diversity - IV)	63712	Seed Technology Paper – VII (Seed Testing)
	63706	Statistics Paper – VII (Probability Distributions – II)	63713	Astro Physics Paper – III (Galaxies and Universe)
			63718	Pollution Paper – III (Air Pollution)
<u>Tuesday</u> 21/05//2019	63705	Zoology Paper – VIII (Histology and Physiology)	63712	Seed Technology Paper – VIII (Seed Quality Control)
	63706	Statistics Paper- VIII (Statistical Methods) – II	63713	Astro Physics Paper – IV (Cosmic Electrodynamics)
			63718	Pollution Paper – IV (Water Pollution – II)
<u>Wednesday</u> 22/05//2019	63704	Botany Paper- VII (Pteridophytes Gymnosperms, Angiosperms & Anatomy)	63701	Mathematics Paper- VII (Integral Calculus)
<u>Tuesday</u> 23/05//2019	63704	Botany Paper- VIII (Cytogenesis & Vitalization of Plant Resources)	63701	Mathematics Paper- VIII (Discrete Mathematics)
<u>Friday</u> 24/05//2019	63709	Electronics Paper- VII (Linear and Wave Shaping Circuits)	63707	Geology Paper- VII (Structural Geology Photo geology and Hydrogeology)
	63622	Bio-Chemistry (Opt.) Paper- VII (Molecular Biology)	63708	Microbiology Paper- VII (Fundamentals of industrial Microbiology Biostatistics and Bioinformatics)
			71054	Astro Physics & Space Sci. Paper – VII (Cosmic Electrodynamics)
			71055	Nano Technology Paper – VII (Introduction to Nanoelectronics)
<u>Saturday</u> 25/05//2019	63709	Electronics Paper- VIII (Microprocessor interfacing and Microcontroller 8051)	63707	Geology Paper- VIII (Sedimentary and Metamorphic Petrology)
	63622	Bio-Chemistry (Opt) Paper- VIII {Biotechnology and Bioinformatics)	63708	Microbiology Paper- VIII Basics of Immunology and Medical Microbiology)
			71054	Astro Physics & Space Sci. Paper – VIII (Thermal Physics)
			71055	Nano Technology Paper – VIII (Nanobiotechnology)

B. Sc Part – III Semester – V (University Examination)

Day & Date	Subject Code No.	Time: 03:00 pm to 05:00 pm
Thursday 25/04/2019	65802	1. Physics Paper – IX (Mathematical and Statistical Physics)
	65823	2. Chemistry Paper – IX (Physical Chemistry)
	65836	3. Botany Paper – IX (Under Restructured Course) (Biology of Non- Vascular Plants and Palaeobotany)
	65848	4. Zoology Paper- IX (Under Restructured Course) (Functional Anatomy of Non Chordates)
	65869	5. Mathematics Paper – IX (Real Analysis)
	65858	6. Statistics Paper – IX (Probability Distributions)
	65913	7. Geology Paper – IX (Dynamics of Earth)
	65891	8. Microbiology Paper – IX (Virology)
	65812	9. Electronics Paper– IX (Linear Integrated Circuits)
	65902	10. Computer Science Paper – IX (Computer Networking)
	66011	11. Food Science & Quality Control Paper – IX (Fermentation Technology)
	66034	12. Industrial Microbiology Paper- – IX (Environmental Microbiology)
	66056	13. Bio-Technology Paper- – IX (Optional /Vocational) (Biochemical Techniques)
	65960	14. Fisheries Paper- V (Fishery Biology – II Aquaculture)
	66587	15. Bio-Chemistry Paper - IX (BHC-501 - Molecular Biology)

B. Sc Part – III Semester – V (University Examination)

Day & Date	Subject Code No.	Time: 03:00 p.m to 05:00 p.m
<u>Friday</u> <u>26/04/2019</u>	65803	1. Physics Paper – X (Quantum Mechanics)
	65824	2. Chemistry Paper – X (Inorganic Chemistry)
	65837	3. Botany Paper – X (Genetics and Analytical Techniques in Plant Science)
	65849	4. Zoology Paper- X (Biostatistics Bio-informatics and Medical Zoology)
	65870	5. Mathematics Paper – X (Modern Algebra)
	65859	6. Statistics Paper – X (Statistical Inference) – I
	65914	7. Geology Paper – X (Stratigraphy and Paleontology)
	65892	8. Microbiology Paper – X (Immunology & Serology)
	65813	9. Electronics Paper- X (Communication Systems – I)
	65903	10. Computer Science Paper- X (Visual Programming – Using C#)
	66012	11. Food Science & Quality Control Paper – X (Dairy Technology)
	66035	12. Industrial Microbiology Paper- X (Basic Techniques of Biotechnology)
	66057	13. Bio-Technology Paper- X (Opt/Voc) (Animal Cell Culture)
	65961	14. Fisheries Paper- VI (Fish Physiology – II, Biostatistics and Bioinformatics)
	66588	15. Bio-Chemistry (BHC-502-Cell Biology)

B. Sc Part – III Semester – V (University Examination)

Day & Date	Subject Code No.	Time: 03:00p.m to 05:00 p.m
Saturday 27/04/2019	65804	1. Physics Paper – XI (Classical Mechanics)
	65825	2. Chemistry Paper – XI (Organic Chemistry)
	65838	3. Botany Paper – XI (Fundamentals of Plant Physiology and Ecology)
	65850	4. Zoology Paper – XI (Molecular, Biology Biotechnology and Biotechniques)
	65871	5. Mathematics Paper- XI (Partial Differential Equations)
	65860	6. Statistics Paper – XI (Designs of Experiments)
	65915	7. Geology Paper – XI (Economic Geology)
	65893	8. Microbiology Paper- XI (Food & Industrial Microbiology)
	65814	9. Electronics Paper – XI (8051 Microcontroller Interfacing and Embedded C)
	65904	10. Computer Science Paper – XI (Linux Operating System)
	66013	11. Food Science Paper – XI (Technology of Bakery and Confectionary)
	66036	12. Industrial Microbiology Paper- XI (Quality Assurance in Industrial Products)
	66058	13. Bio-Technology Paper – XI (Optional /Vocational) (Bioprocess Engineering)
	65948	14. Plant-Protection Paper – V (Plant Pathogens and their Management)
	65874	15. Pollution Paper – V (Biomedical Aspects of Pollution)
	65936	16. Seed Technology Paper – IX (Seed Pathology)
	66589	17. Bio-Chemistry (BHC-503 – Bio membrane Transport and Cytoskeleton)

B. Sc Part – III Semester – V (University Examination)

Day & Date	Subject Code No.	Time: 03:00p.m to 05:00 p.m
Monday 29/04/2019	65805	1. Physics Paper – XII (Atomic and Molecular Spectra Astronomy, Astrophysics)
	65826	2. Chemistry Paper – XII (Industrial Chemistry)
	65839	3. Botany Paper – XII (Plant Biochemistry)
	65851	4. Zoology Paper – XII (Endocrinology, Environmental Biology and Toxicology)
	65873	5. Mathamatic's Paper- XII (Numerical Methods – I)
	65861	6. Statistics Paper – XII (Operations Research)
	65916	7. Geology Paper – XII (Geomorphology, and Remote Sensing)
	65894	8. Microbiology Paper – XII (Agricultural Microbiology)
	65815	9. Electronics Paper – XII (Power Electronic Devices and Applications)
	65905	10. Computer Science Paper – XII (PHP and My SQL)
	66014	11. Food Science & Quality Control Paper- XII (Food quality Control & Waste Management)
	66037	12. Industrial Microbiology Paper – XII (Microbial Productions of Metabolites and bio insecticides)
	66059	13. Bio-Technology Paper – XII (Optional /Vocational) (Fermentation Technology)
	65949	14. Plant- Protection Paper- VI (Plant insect Pests and their Management)
	65875	15. Pollution Paper- VI (Pollution and Society)
	65937	16. Seed Technology Paper – X (Seed Entomology)
	66590	17. Bio-Chemistry (Bio-504 Bio-Chemical Techniques)
Tuesday 30/04/2019	65872	1. English (Compulsory) (English For Communication)

B. Sc Part – III Semester – VI (University Examination)

Day & Date	Subject Code No.	Time: 03:00p.m to 05:00 p.m
<u>Monday</u> <u>15/04/2019</u>	65807	1. Physics Paper - XIII (Nuclear and Particle Physics)
	65830	2. Chemistry Paper – XIII (Physical Chemistry)
	65842	3. Botany Paper – XIII (Biology of Vascular Plants)
	65853	4. Zoology Paper – XIII (Comparative Anatomy of Vertebrates)
	65879	5. Mathematics Paper – XIII (Metric Spaces)
	65864	6. Statistics Paper – XIII (Probability Theory)
	65919	7. Geology Paper – XIII (Proterozoic Stratigraphy of India)
	65897	8. Microbiology Paper – XIII (Microbial Genetics)
	65818	9. Electronics Paper- XIII (Industrial Processes control and PLC Programming)
	65908	10. Computer Science Paper - XIII (Network Technology and Windows Sever 2008)
	66017	11. Food Science & Quality Control Paper – XIII (Food Bio-Technology)
	66040	12. Industrial Microbiology Paper - XIII (Environmental Pollution and Control)
	66062	13. Bio-Technology Paper – XIII (Optional /Vocational) (Plant Bio-Technology)
	65969	14. Fisheries Paper- VII (Marine Biology and Fisheries)
	66592	15. Bio-Chemistry Paper – XIII (Neurochemistry)

B. Sc Part – III Semester – VI (University Examination)

Day & Date	Subject Code No.	Time: 03:00p.m to 05:00 p.m
Tuesday 16/04/2019	65808	1. Physics Paper - XIV (Energy Studies and Materials Science)
	65831	2. Chemistry Paper – XIV (Inorganic Chemistry)
	65843	3. Botany Paper – XIV (Microbiology and Plants Pathology)
	65854	4. Zoology Paper – XIV (Developmental Biology)
	65880	5. Mathematics Paper- XIV (Linear Algebra)
	65865	6. Statistics Paper – XIV (Statistical Inference - II)
	65920	7. Geology Paper- XIV (Phanerozoic Stratigraphy of India))
	65898	8. Microbiology Paper- XIV (Microbial Biochemistry)
	65819	9. Electronics Paper- XIV (Communication Systems – II)
	65909	10. Computer Science Paper – XIV (Java Programming)
	66018	11. Food Science & Quality Control Paper- XIV (Technology of Meat, Fish & Poultry Products)
	66041	12. Industrial Microbiology Paper- XIV (Application of Bio-Technology)
	66063	13. Bio-Technology Paper- XIV (Optional/Vocational) (Environmental Bio-Technology)
	65970	14. Fisheries Paper – VIII (Fish Pathology and Fishery Technology)
	66593	15. Bio-Chemistry Paper- XIV (Cancer Biology)

B. Sc Part – III Semester – VI (University Examination)

Day & Date	Subject Code No.	Time: 03:00p.m to 05:00 p.m
Thursday 18/04/2019	65809	1. Physics Paper- XV (Electrodynamics and Electromagnetic Waves)
	65832	2. Chemistry Paper- XV (Organic Chemistry)
	65844	3. Botany Paper- XV (Plants breeding Biostatistics Ethno Botany and Horticulture)
	65855	4. Zoology Paper- XV (Physiology)
	65881	5. Mathematics Paper- XV (Complex Analysis) s
	65866	6. Statistics Paper- XV (Sampling Theory)
	65921	7. Geology Paper- XV (Prospecting and Mineral Exploration)
	65899	8. Microbiology Paper- XV (Environmental Microbiology)
	65820	9. Electronics Paper- XV (Advanced Microcontroller Architecture PIC)
	65910	10. Computer Science Paper- XV (Advanced Linux Applications)
	66019	11. Food Science & Quality Control Paper- XV (Food Hygiene & Sanitation)
	66042	12. Industrial Microbiology Paper- XV (Industrial Management, Government Laws and Regulations)
	66064	13. Bio-Technology Paper- XV (Optional /Vocational) (Cell Metabolism and Virology)
	65955	14. Plant Protection Paper- VII (Field Techniques in Plants Production)
	65981	15. Pollution Paper- VII (Terrestrial Pollution and Recycling)
	65943	16. Seed Technology Paper- XI (Seed Processing and Storage)
	66594	17. Bio-Chemistry Paper- XV (Clinical Bio-Chemistry)

B. Sc Part – III Semester – VI (University Examination)

Day & Date	Subject Code No.	Time: 03:00 p.m to 05:00 p.m
<u>Saturday</u> 20/04/2019	65810	1. Physics Paper- XVI (Solid State Physics)
	65833	2. Chemistry Paper- XVI (Analytical Chemistry)
	65845	3. Botany Paper – XVI (Molecular Biology and Biotechnology)
	65856	4. Zoology Paper- XVI (Applied Zoology)
	65883	5. Mathematics Paper- XVI (Numerical Methods- II)
	65867	6. Statistics Paper – XVI (Quality Management and Data Mining)
	65922	7. Geology Paper – XVI (Environmental Geology and Hydrogeology)
	65900	8. Microbiology Paper - XVI (Clinical Microbiology)
	65821	9. Electronics Paper- XVI (Electronic Instrumentation)
	65911	10. Computer Science Paper - XVI (E- Commerce)
	66020	11. Food Science & Quality Control Paper – XVI (Food Packaging Technology)
	66043	12. Industrial Microbiology Paper- XVI (Microbial Fermentations, Food and Befouls)
	65956	13. Plant Protection Paper – VIII (Laboratory Techniques in Plant Protection)
	66065	14. Bio-Technology Paper- XVI (Optional/Vocational) (Gene Biotechnology and Bioinformatics)
	65982	15. Pollution Paper – VIII (Monitoring and Control of Pollution)
	65944	16. Seed Technology Paper – XII (Seed Farm Management and Marketing)
	65595	17. Bio-Chemistry Paper – XVI (Fermentation Technology)
<u>Thursday</u> 02/05/2019	65806	English (Compulsory) (English for Communication)

Note : - In Case of any Query Found in respective Question Paper, Student shall communicate the same through Principal/Senior Supervisor within 7 days from the date of concerned Question Paper to, Deputy Registrar, Appointment Section, Room No 205, Exam Building No.1 Shivaji University, Kolhapur 416 004

The Examination Programme is subject to change, Candidates are therefore advised to see the Exam. Programme if there is any change in the Examination Programme the University is not responsible for loss or inconvenience caused to the candidates.

**VIDYANAGAR
KOLHAPUR – 416 004
Date :- 12 / 03 /2019**

**Shri. M. A. Kakade
Director,
Board of Examination and Evaluation**