

#### SHIVAJI UNIVERSITY, KOLHAPUR (Circular No - 449 Exam Oct/Nov. 2019) (University Examination Only)

Final programme for the College Examination pattern Students B.Sc. Part – II & III Semester – III, IV,V & VI Semester to be held on Oct / Nov. 2019

- 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
- 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.
- The Candidates are forbidden to take any book or paper into the Examination Hall.
- The Candidate should write the answers in **BLUE INK** only.

  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.
- The Seating arrangement is made datewise and subjectwise. Therefore 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.	Centre Name	Centre	College	College	Place
No.		Code	Abbreviation	Code	
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 Mahavidayalay
			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 & Commerce & D.S. Kadam
					Science College
			GCG	47	Dr. Ghali College, Gadhinglaj
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	KALE	97	KALE	250	Vithalrao Patil Mahavidyalaya(will be Communicated
18	ASURLE PORLE	502	ASURLE PROLE	377	later) Arts, Commerce and Science College
19	KARVE	723	KARVE	427	V.K.Chavan Patil Arts, Comm and Science College
20	GAGANBAWADA	725	ANNDI	427	Anandi Arts, Commerce and Science College
21	SOLANKUR	682	YPVMS	436	Yashwantrao Patil Vidnyan Mahavidyalaya
22	KASABA BEED	963	BEED	469	Arts, Commerce and Science College
23	MURGUD	28	MUR	62	Sadashivrao Mandlik Mahavidyalaya
24	SARUD	22	SRD	56	Shri. Shiv Shahu Mahavidyalaya
	KAGAL	26	DRM	60	D.R. Mane Arts and Commerce College
25 26	KOTOLI	39	MKOT	72	Shripatrao Chougule Arts and Science College
27	HATKANANGALE	38	HAT	71	Shri Annasaheb Dange Arts Comm & Science College
28	KOWAD	14	KOWAD	02	Arts Commerce & Science College
29	YELUR	14	SHOKOR	613	Shri Shobhatai Kore Warana Mahavidyalaya
30	SARVADE	36	PARMOR	611	Parvatibai More Mahila Maha Arts Comm & Science
31	PANORE	984		512	Lahu Bala Paritkar Arts Comm & Science
32		704	PANORE MAGASC	618	Majaor Anandrao Ghatge A S & Sci. College Mooje
34	Mooje Kapashi		MAGASC	018	Kapashi.
33	WAKARE	1084	WAKARE	1084	Datta Dwaraka Mahavidyalaya, Wakare
34	HUPARI	632	HUPARI	632	Arts Commerce and Science College, Hupari
35	MANJARE	636	MANJARE	636	Late Banaee Chougale Arts, Comm and Sci college
-			-		Manjare

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#### SANGLI DISTRICT

Sr.	Centre Name	Centre	College Abbreviation	College	Place
No.		Code	ASCS	<b>Code</b> 73	Dr. Datanaraa Vadam Mahayidyalaya Cangalyyadi
1	SANGLI	1 1	KWS	78	Dr. Patangrao Kadam Mahavidyalaya Sangalwadi
1	SANGLI	11			Smt.Kasturbai Walchand College of Arts and Science
			WDN	80	Willingdon College, Sangli.
2	MIDAI	40	M	83	Shikshan Maharshi Dr. Bapuji Salunkhe
2	MIRAJ	40	MIDAI	0.4	Mahavidyalaya Missi Mahavidyalaya
2	VITA	41	MIRAJ BAL	84	Miraj Mahavidyalaya Miraj
3	VIIA	41	HPMV	86	Balwant College Vita
4	LIDIDI ICI AMBIID	10		261	Adarsha College Vita
4	URUN-ISLAMPUR	42	KMU	88	Smt.Kusumtai R Patil Kanya Mahavidyalaya
	TAGGAON	42	U	90	Karmveer Bhaurao Patil College
5	TASGAON	43	T	92	Padm. Dr. Vasantraodada 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 Vasantraodada 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 Venketheshwara 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	1 SATARA	08	YCIS	149	Y.C. Institute of Science College Satara
1	SATAKA	08	LAL	145	Lal Bahadur Shastri College Satara
2	PHALTAN	73	MUD	151	Mudhoji College Phaltan
3	KARAD	02	SGM	156	Sadguru gadge maharaj College.Karad
3	KAKAD	02	YCSK	158	Y.C. College of Science Karad
4	KHATAV	74	SRK	152	Shahajiraje Mahavidyalaya
5	PATAN	75	BD	159	Balasaheb Desai College Patan
3	PATAN	/3	VDDS	490	Smt. Vijayadevi Desai Senior College
			WAI	161	Kisan Veer Mahavidyalaya
6	WAI	77	MMW	376	Bhimrao Shinde Arts, Commerce and Science Mahila
			IVIIVI VV		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 Bhagawantrao Mahvidyalaya
14	MHASWAD	92	MSWD	176	Shrimant Bhaiyasaheb Rajemane College
15	KHANDALA	462	RMK	353	Sushila Shankarrao Gadhave 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
19	DEUR		DEUR		Prof. Sambhajirao Kadam Mahavidyalaya, Deur

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Day & Date	Subject Code No.	Time: 12:00 Noon to 02:00 p.m	Subject Code No.	Time: 03:00 p.m to 05:00 p.m
<u>Tuesday</u> 26/11//2019	63603	Chemistry Paper - V (Organic Chemistry)	63611	Computer Science Paper- V (Fundamentals of Software Engineering)
Wednesday 27/11//2019	63603	Chemistry Paper - VI (Analytical Chemistry)	63611	Computer Science Paper- VI (Object Oriented Programming Using C++)
			63613	Plant Protection Paper- I (Major Crops, Methods of Integrated Plant Protection)
<u>Thursday</u> 28/11//2019	63602	Physics Paper- V (General Physics, Sound and	63614	Fisheries Paper – I (Fishery Biology – I)
28/11//2019		Acoustics)	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)
			63619	Food Science & Quality Control Paper- V (Food Preservation)
			63613	Plant Protection Paper- II (Introduction to Weeds and Non- In seeds Pests)
Friday	63602	Physics Paper- VI (New)	63614	Fisheries Paper - II (Fish Physiology) – II
29/11//2019		(Electronics and Semi	63615	Biochemistry Paper – II (IDS) (Metabolism and Nutrition)
		Conductor Devices)	63617	Industrial Microbiology Paper – VI (Quality Control of Food Production)
			63618	Biotechnology (Opt / Vocational Paper-VI ) (Molecular biology)
			63619	Food Science & Quality Control Paper- VI (Fruits and Vegetable processing)
G 1	63605	Zoology Paper- V (Animal Diversity- III)	63612	Astro Physics Paper- I (Fundamentals of Astronomy)
<u>Saturday</u> 30/11//2019	63606	Statistics Paper – V (probability Distributions) – I	63616	Seed Technology Paper- V (Hybrid Seed Production)
		d ,	63620	Pollution Paper- I (Ecology and Pollution)
	63605	Zoology Paper- VI (Genetics & Biological Chemistry)	63612	Astro Physics Paper- II (Fundamentals of Astrophysics)
Monday 02/12//2019	63606	Statistics Paper- VI	63616	Seed Technology Paper- VI (Vegetable Seed Production)
	(Statistical Methods – I )		63620	Pollution Paper- II (Water Pollution –I)
<u>Tuesday</u> 03/12//2019	63604	Botany Paper- V (Algae, Fungi, Bryophytes & Industrial Applications)	63601	Mathematics Paper- V (Differential Calculus )
Wednesday 04/12//2019	63604	Botany Paper- VI (Plants Physiology Ecology & Horticulture)	63601	Mathematics Paper- VI (Differential Equations )
	63609	Electronics Paper- V (Digital Electronics)	63607	Geology Paper- V (Mineralogy and Optics)
Thursday 05/12//2019	63621	Biochemistry Optional Paper – V	63608	Microbiology Paper- V (Cytology ,Physiology and Metabolism)
00, 12, 12017	05021	(Bioenergetics & Metabolism-I)	70532	Astro Physics & Space Sci. Paper – V (Celestial Mechanics)
			70533	Nano Technology Paper – V (Nano Physics)
Friday	63609	Electronics Paper- VI (Introduction to Microprocessor)	63607	Geology Paper- VI (Igneous Petrology)
06/12//2019	63621		63608	Microbiology Paper- VI (Microbial genetic)
	00021		70532	Astro Physics & Space Sci. Paper – VI (Introductory Quantum Mechanics)
			70533	Nano Technology Paper – VI (Nano-chemistry)

Day & Date	Subject	Time: 12:00 Noon to 02:00 p.m	Subject	Time: 03:00 p.m to 05:00 p.m
Saturday	Code No.	Chemistry Paper – VII	Code No. <b>63711</b>	Computer Science Paper – VII
07/12//2019	63703	(Physical Chemistry)		(Relational Database Management – Systems)
Monday 09/12//2019	63703	Chemistry Paper – VIII (Inorganic Chemistry)	63711	Computer Science Paper – VIII (Advance .Object Oriented Programming Using C++)
			63714	Plant Protection Paper- III (Crop Diseases and Their Management)
Tuesday			63715	Biochemistry Paper – III (IDS) (Biochemical Techniques & Bioinformatics)
10/12//2019	(2502	Physics Paper – VII (Optics and Lasers)	63716	Fisheries Paper – III (Inland Fisheries)
	63702	(Opties and Easers)	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)
			63714	Plant Protection Paper – IV (Insect Pest and their Management)
Wednesday			63715	Biochemistry Paper – IV (IDS) (Molecular Biology & Biotechnology)
11/12//2019		Physics Paper – VIII	63716	Fisheries Paper- IV (Aquaculture)
	63702	(Relativity and Modern Physics)	63717	Food Science & Quality Control Paper - VIII (Cereals and Pulses Technology)
			63719	Industrial Microbiology Paper- VIII (Industrial Production of Biofertilisers)
		Zoology Paper – VII (Animal Diversity - IV) Statistics Paper – VII	63720	Biotechnology (Opt/ voc) Paper- VIII (R-DNA technology)
Thursday	63705		63712	Seed Technology Paper – VII (Seed Testing)
12/12//2019			63713	Astro Physics Paper – III (Galaxies and Universe)
	63706	(Probability Distributions – II )	63718	Pollution Paper – III
Friday	63705	Zoology Paper – VIII (Histology and Physiology)	63712	(Air Pollution)  Seed Technology Paper – VIII (Seed Quality Control)
13/12//2019		Statistics Paper- VIII (Statistical Methods) – II	63713	Astro Physics Paper – IV (Cosmic Electroctynamics)
	63706		63718	Pollution Paper – IV (Water Pollution – II )
Saturday 14/12//2019	63704	Botany Paper- VII (Pteridophytes Gymnosperms, Angiosperms & Anatomy)	63701	Mathematics Paper- VII (Integral Calculus)
Monday 16/12//2019	63704	Botany Paper- VIII (Cytogenesis & Vitalization of Plant Resources)	63701	Mathematics Paper- VIII (Discrete Mathematics)
<u>Tuesday</u> 17/12//2019	63709	Electronics Paper- VII (Linear and Wave Shaping Circuits)	63707	Geology Paper- VII (Structural Geology Photo geology and Hydrogeology)
	63622	Bio-Chemistry (Opt.)	63708	Microbiology Paper- VII (Fundamentals of industrial Microbiology Biostatistics and Bioinformatics)
		Paper- VII (Molecular Biology)	71054	Astro Physics & Space Sci. Paper – VII (Cosmic Electrodynamics)
			71055	Nano Technology Paper – VII (Introduction to Nanoelectronics)
	63709	Electronics Paper- VIII (Microprocessor interfacing and	63707	Geology Paper- VIII (Sedimentary and Metamorphic
Wednesday 18/12//2019	63622	Microcontroller 8051)  Bio-Chemistry (Opt)  Paper VIII	63708	Petrology)  Microbiology Paper- VIII  Basics of Immunology and Medical
10/12//2019		Paper- VIII {Biotechnology and	71054	Microbiology)  Astro Physics & Space Sci. Paper – VIII
		Bioinformatics)	71055	(Thermal Physics)  Nano Technology Paper – VIII
			/1033	(Nanobiotechnology)

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Day & Date	Subject Code No.	Time: 12.00 to 2.00 pm
	65802	Physics Paper – IX     (Mathematical and Statistical Physics)
Thursday 31/10/2019	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. <b>Fisheries Paper- V</b> (Fishery Biology – II Aquaculture)
	66587	15. <b>Bio-Chemistry Paper - IX</b> (BHC-501 - Molecular Biology)

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Day & Date	Subject Code No.	Time: 12.00 p.m to 2:00 p.m
<u>Friday</u> 01/11/2019	65803	1. Physics Paper – X (Quantum Mechanics)
01/11/2019	65824	2. Chemistry Paper – X (Inorganic Chemistry)
	65837	3. <b>Botany Paper – X</b> (Genetics and Analytical Techniques in Plant Science)
	65849	4. <b>Zoology Paper- X</b> (Biostatistics Bio-informatics and Medical Zoology)
	65870	5. Mathematics Paper – X (Modern Algebra)
	65859	6. Statistics Paper – X (Statistical Inference) – I
	65914	7. <b>Geology Paper – X</b> (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. <b>Fisheries Paper- VI</b> (Fish Physiology – II, Biostatistics and Bioinformatics)
	66588	15. <b>Bio-Chemistry</b> (BHC-502-Cell Biology)

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Day & Date	Subject Code No.	Time: 12:00p.m to 02:00 p.m
	65804	1. Physics Paper – XI
<u>Monday</u> 04/11/2019		(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)

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Day & Date	Subject Code No.	Time: 12:00p.m to 02:00 p.m
<u>Tuesday</u> <u>05/11/2019</u>	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. <b>Zoology Paper – XII</b> (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. <b>Industrial Microbiology Paper – XII</b> (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. <b>Bio-Chemistry</b> (Bio-504 Bio-Chemical Techniques)
Wednesday 06/11/2019	65872	1. English (Compulsory) (English For Communication)

Day & Date	Subject Code No.	Time: 12:00p.m to 02:00 p.m
	65807	1. Physics Paper - XIII
		(Nuclear and Particle Physics)
Wednesday		
16/10/2019	65830	2. Chemistry Paper – XIII
		(Physical Chemistry)
	65842	3. Botany Paper – XIII
		(Biology of Vascular Plants)
		( 1 - 2), 1 - 1 - 1 - 1 - 1 - 1
F	65853	4. Zoology Paper – XIII
		(Comparative Anatomy of Vertebrates)
		(
	65879	5. Mathematics Paper – XIII
	00017	(Metric Spaces)
		(
	65864	6. Statistics Paper – XIII
		(Probability Theory)
		(**************************************
	65919	7. Geology Paper – XIII
	00, 1,	(Proterozoic Stratigraphy of India)
		(11000102010 outung.upin) of interior
	65897	8. Microbiology Paper – XIII
	000).	(Microbial Genetics)
		(Marticolar Stration)
	65818	9. Electronics Paper- XIII
	00010	(Industrial Processes control and PLC Programming)
		(224467244711000000000000000000000000000000000
	65908	10. Computer Science Paper - XIII
	03700	(Network Technology and Windows Sever 2008)
		(Treework Teelmology and Windows Sever 2000)
	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
	20, 3,	(Marine Biology and Fisheries)
		(
<u> </u>	66592	15. Bio-Chemistry Paper – XIII
	00372	( Neurochemistry)
		( rediochemistry)

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Day & Date	Subject Code No.	Time: 12:00p.m to 02:00 p.m
<u>Thursday</u> 17/10/2019	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)

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

Day & Date	Subject Code No.	Time: 12:00p.m to 02:00 p.m
Friday	65809	1. Physics Paper- XV
18/10/2019		(Electrodynamics and Electromagnetic Waves)
	65832	2. Chemistry Paper- XV (Organic Chemistry)
	6 <b>7</b> 0.44	
	65844	3. <b>Botany Paper- XV</b> (Plants breeding Biostatistics Ethno Botany and Horticulture)
	65855	4. Zoology Paper- XV (Physiology)
	65881	5. Mathematics Paper- XV (Complex Analysis) s
		(Complex ringrysis) 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
	03701	(Terrestrial Pollution and Recycling)
	65943	16. Seed Technology Paper- XI (Seed Processing and Storage)
	66594	17. Bio-Chemistry Paper- XV
		(Clinical Bio-Chemistry)

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

Day & Date	Subject Code No.	Time: 12:00 p.m to 02:00 p.m
Saturday 19/10/2019	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. <b>Geology Paper – XVI</b> (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)
Wednesday 23/10/2019	65806	English (Compulsory) (English for Communication)

Note: - 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: - 24/ 09 /2019 Shri. G.R. Palse I/c Director, Board of Examination and Evaluation