SHIVAJI UNIVERSITY, KOLHAPUR

Final Programme for the University Examination B. Sc. Part II, III Sem III, IV V & VI to be held in March/April, 2016

Circular No. 617 Exam. March/April, 2016

- 1. The Students should see their Seat No's & Name in the Namelist 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 as 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.
- 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 Examintion are as follows.

Centres	Code Nos.	Places
Kolhapur District		
1. Kolhapur	03	1. Gopal Krishna Gokhale College
		2. The New College (Shivaji peth)
		3. Rajaram College
		4. Rajarshi Chh. Shahu College (Sadar Bazar)
		5. Vivekanand College (Tarabai Park)
		6. Shri. Shahaji Chhatapati Mahavidyalaya
2. Ichalkaranji	09	1. Dattajirao Kadam Arts, Science & Commerce College
3. Jaysingpur	04	1. Jaysingpur College
4. Gadhinglaj	13	1. Shivraj College of Arts & Commerce & D. S. Kadam Science College
		2. Dr. Ghali College of Arts & Commerce
5. Arjunnagar	16	1. Devchand College
6. Gargoti	17	1. Karmaveer Hire Arts, Science, Commerce & Education College
7. Warananagar	10	1. Yashwantrao Chavan Warana Mahavidyalaya
8. Kurukali	18	1. Bhogawati Mahavidyalaya
9. Kurundwad	19	1. Sahakarbhushan S. K. Patil Mahavidyalaya
10. Ajara	20	1. Ajara Mahavidyalaya
11. Peth-Vadgaon	21	1. Shri Vijaysingh Yadav Arts & Science College
12. Halkarni	23	1. Yashwantrao Chavan Mahavidyalaya

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Centre	Code No.	Places
13. Bidri	27	1. Doodh Sakhar Mahavidyalaya
14. Malkapur	33	1. Prof. Dr. N. D. Patil Arts, Commerce & Science College
15. Tisangi	34	1. M. H. Shinde Mahavidyalaya
16. Nesari	35	1. Arts & Commerce College
17. Chandgad	37	1. Shri R. B. Madkholkar Mahavidyalaya
18. Kale	97	1. Vithalrao Patil Mahavidyalaya
19. Asurle Porle	502	1. Arts, Commerce & Science College,
20. Karve	723	1. V. K. Chavan Patil Arts, Commerce & Science College
21. Gaganbawada	725	1. Arts, Commerce & Science College (Anandi)
		2. Yashwatnrao D. Patil College
22. Solankur	682	1. Yashwatnrao Patil Vidnyan Mahavidyalaya
23. Kasba Bid	963	1. Arts, Commerce & Science College
24. Murgud	28	1. Sadashivrao Mandlik Mahavidyalaya
25. Sarud	22	1. Shri. Shiv Shahu Mahavidyalaya
Sangli District		
25. Sangli	11	 Dr. Patangrao Kadam Arts, Science & Commerce College, Sangalwadi
		2. Smt. Kasturbai Walchand College of Arts & Science
		3. Willingdon College
26. Miraj	40	1. Miraj Mahavidyalaya
		2. Shikshan Maharshi Dr. Bapuji Salunkhe Mahavidyalaya
27. Vita	41	1. Balwant College
		2. Adarsh College
28. Urun-Islampur	42	1. Smt. Kusumtai Rajarambapu Patil Kanya Mahavidyalaya
		2. Karmaveer Bhaurao Patil College
29. Tasgaon	43	1. Padmbhushan Dr. Vasantraodada Patil Mahavidyalaya
30. Ramanandnagar	44	1. Arts, Science & Commerce College
31. Jath	45	1. Raje Ramrao Mahavidyalaya
32. Kavathe-Mahankal	46	1. Padmbhushan Vasantraodada Patil Mahavidyalaya
33. Atpadi	50	1. Shrimant Babasaheb Deshmukh Mahavidyalaya
34. Shirala	51	1. Vishwasrao Naik Arts, Commerce & Baba Naik Science Mahavidyalaya
35. Kadegaon	52	BV's Mathoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya
36. Savalaj	53	Shri Raosaheb Ramrao Patil Mahavidyalaya
37. Walwe	54	
38. Palus	55	1. Arts, Commerce & Science College
39. Chikhali	57	1. Deshbhakt A. B. Naik Arts & Science College
10. Umadi	342	1. Arts, Commerce & Science College
41. Salgare	946	1. Vitthal (Daji) Commrce & Science College

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Centre	Code No.	Places
Satara District		
42. Satara	08	1. Y. C. Institute of Science
		2. Lal Bahadur Shastri College
43. Phaltan	73	1. Mudhoji College
44. Karad	02	1. Sadguru Gadge Maharaj College
		2. Y. C. College of Science
45. Khatav	74	
		1. Shahajiraje Mahavidyalaya
46. Patan	75	1. Balasaheb Desai College
		2. Smt. Vijayadevi Desai Senior College
47. Wai	77	1. Kisan Veer Mahavidyalaya
		 Bhimrao Shinde Arts, Commerce and Science Mahila Mahavidyalaya
48. Koregaon	78	1. D. P. Bhosale College
49. Dahiwadi	80	1. Dahiwadi College
50. Lonand	81	1. Sharadchandra Pawar College
51. Rethare (BK)	84	1. Krishna Mahavidyalaya
52. Medha	87	1. Arts & Commerce College
53. Rahimatpur	88	1. S. M. Shankarrao Mohite Patil Mahavidyalaya
54. Aundh	89	1. Raja Shripatrao Bhagawantrao Mahavidyalaya
55. Mhaswad	92	1. Shrimant Bhaiyasaheb Rajemane College
56. Khandala	462	1. Rajendra Mahavidyalaya
57. Pachgani	83	1. Smt. Minalben Mehta College of Arts & Commerce College

FinalProgramme (B. Sc. Semester) March/April, 2016 Sem. III & IV

1) New Pattern fresh students from Oct. 2014

B. Sc. Part-II, Semester- III

DAY & DATE	Subject Code No.	Time : 12.00 noon to 2.00 p. m.	Subject Code No.	Time : 3.00 p. m. to 5.00 p. m.
Saturday 07-05-2016	63603	Chemistry Paper-V (Organic Chemistry)	63611	Computer Science Paper-V (Fundamentals of Software Engineering)
Monday 09-05-2016	63603	Chemistry Paper- VI (Analytical Chemistry)	63611	Computer Science Paper-VI (Object Oriented Progrmming Using C++)
Tuesday 10-05-2016	63602	Physics Paper - V (General Physics, Sound and Acoustics)	63613	Plant Protection PAPER-I (Major Crops, methods of Integrated plant protecton)
		,	63614	Fisheries Paper-I (Fishery Biology-I)
			63615	Biochemistry Paper- V (Bioenergetics & Metabolism-I)
			63619	Food Scince & Quality Control Paper-V (Food Preservation)
			63617	Industrial Microbiology Paper- V (Industrial Production of Fermented foods)
			63618	Biotechnology (Optional/vocational) Paper-V (Biophysics & Enzyme Technology)
Wednesday 11-05-2016	63602	Physics Paper-VI (New) (Electronics and Semi	63613	Plant Protection Paper -II (Crop Diseasis and Their Management)
		Conductor Devices)	63614	Fisheries Paper (Fish Physiology) -II
			63615	Biochemistry Paper-VI (Nutrition and Metabolism-II)
			63919	Food Science & Quality Control Paper- VI (Fruits and vegetable processing)

B. Sc. Part-II, Semester- III

Final Programme (B. Sc. Semester) March/April, 2016 Sem. III & IV

DAY & DATE	Subject Code No.	Time: 12.00 Noon to 2.00 p. m.	Subject Code No.	Time : 3.00 p. m. to 5.00 p. m.
Contd			63617	Industrial Microbiology Paper- VI (Quality Control of food)
Wednesday 11-05-2016			63618	Biotechnology (Optional/vocational) Paper-VI (Molecular biology)
Thursday 12-05-2016	63605	Zoology Paper-V (Animal Diversity-III)	63612	Astro Physics Paper- I (Fundamentals of Astonomy)
	63606	Statistics Paper-V (Probability Distributions) - I	63620	Pollution Paper-I (Ecology and Pollution)
			63616	Seed Technology Paper-V (Hybrid Seed Production)
Friday 13-05-2016	63605	Zoology Paper-VI (Genetics & Biological Chemistry)	63612	Astor Physics Paper-II (Fundamentals of Astrophysics)
	63606	Statistics Paper-VI (Statistical Methods-I)	63620	Pollution Paper-II (Water Pollution-I)
			63616	Seed Technology Paper- VI (Vegetable Seed Production)
Saturday 14-05-2016	63604	Botany Paper- V (Algae, Fungi, Bryphytes & Industrial Applications)	63601	Mathematics Paper- V (Differntial Calculus)
Sunday 15-05-2016	63604	Botany Paper-VI (Plants Physiology Ecology & Horticulture)	63601	Mathematics Paper- VI (Differential Equations)
Monday 16-05-2016	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)
Tuesday 17-05-2016	63609	Electronics Paper- VI (Introduction to Microprocessor)	63607 63608	Geology Paper-VI (Igneous Petrology) Microbiology Paper-VI
	63621	Biochemistry Optional Paper VI (Nutrition & Metabolism-II)	03000	(Microbial genetics)

1) New Pattern fresh students from Oct. 2014

B. Sc. Part-II, Semester- IV

DAY & DATE	Subject Code No.	Time: 12.00 Noon to 2.00 p. m.	Subject Code No.	Time: 3.00 p.m. to 5.00 p.m.
Saturday 23-04-2016	63703	Chemistry Paper-VII (Physical Chemistry)	63711	Computer Science Paper-VII (Relational Database Management-Systems).
Monday 25-04-2016	63703	Chemistry Paper- VIII (Inorganic Chemistry)	63711	Computer Science Paper-VIII (Advanced Object Oriented Programming Using C++)
Tuesday 26-04-2016	63702	Physics Paper-VII (Optics and Lasers)	63714	Plant Protection PAPER-III (Introducation to weeds and Non-insect Pests)
			63716	Fisheries Paper-III (Inland Fisheries)
			63715	Biochemistry Paper- VII (Molecular Biology)
			63717	Food Scince & Quality Control Paper- VII (Quality control of food & food products)
			63719	Industrial Microbiology Paper- VII (Fermentation Technology).
			63720	Biotechnology (Optional/vocational) Paper- VII (Immunology)
Wendesday 27-04-2016	63702	Physics Paper-VIII (Relativity and Modern Physics)	63714	Plant Protection Paper-IV (Insect Pest and their Mangement)
			63716	Fisheries Paper-IV (Aquaculture)
			63715	Biochemistry Paper-VIII (Biotechnology and Bioinformatics)
			63717	Food Science & Quality Control Paper- VIII (Cereals and Pulses Technology)
			63719	Industrial Microbiology Paper- VIII (Industnial Production of Biofertilisers)
			63720	Biotechnology (Optional/vocational) Paper-VIII (r-DNA technology).
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Final Programme (B. Sc. Semester) March/April, 2016 Sem. III & IV

B. Sc. Part-II, Semester- IV

DAY & DATE	Subject Code No.	Time: 12.00 Noon to 2.00 p. m.	Subject Code No.	Time : 3.00 p. m. to 5.00 p. m.
Thursday 28-04-2016	63705	Zoology Paper-VII (Animal Diversity-IV)	63713	Astro Physics Paper- III (Galaxies and Universe)
	63706	Statistics Paper-VII (Probability Distributions- II)	63718	Pollution Paper-III (Air Pollution)
			63712	Seed Technology Paper-VII (Seed Testing)
Friday 29-04-2016	63705	Zoology Paper-VIII (Histology and Physiology	63713	Astro Physics Paper-IV (Cosmic Electroctynamics)
	63706	Statistics Paper-VIII (Statistical Methods) - II	63718	Pollution Paper-IV (Water Pollution-II)
			63712	Seed Technology Paper- VIII (Seed Quality Control)
Saturday 30-04-2016	63704	Botany Paper- VII (Pteridophytes, Gymnosperms, Angioperms & Anatomy)	63701	Mathematics Paper- VII (Integral Calulus)
Monday 02-05-2016	63704	Botany Paper-VIII (Cytogenetics & Litilizaton of Plant Resources)	63701	Mathematics Paper- VIII (Discrete Mathematics)
Tuesday 03-05-2016	63709	Electronics Paper-VII (Linear and Wave Shaping Circuits)	63707	Geology Paper-VII (Structural Geology Photogeology and Hydrogeology)
			63708	Microbiology Paper- VII (Fundamentals of industial Microbiology Biostatisics and Bioinformatics)
Friday 06-05-2016	63709	Electronics Paper- VIII (Microprossor Interfacing and Microcontroller 8051)	63707	Geology Paper-VIII (Sedimentany and Metamorophic Petrology)
			63708	Microbiology Paper-VIII (Basics of Immunology and Medical Microbiology)
Sunday 08-5-2016	58353	Time : 11.00 a. m. to 1.00 p.m Environmental Studies (Old)		
	67078	Time: 11.00 a.m. to 2.00 p.m Environmental Studies (New)		

B. Sc. Part- III. Sem-V

- 1) Old Pattern (Re-peater) students Examination Last Chance upto April/May 2016 only)
- 2) New Pattern fresh students from Oct. 2015

DAY & DATE	Subject Code No.		B. Sc. Part-III Sem - V	
			Time : 12.00 noon to 2.00 p. m.	
Saturday,	59870	1.	Physics Paper-IX (Old)	
02-04-2016			(Mathematical and Statistical Physics)	
	65802	1.	Physics Paper-IX (New)	
			(Mathematical and Statistical Physics)	
	54892	2.	Chemistry Paper-IX (Old)	
	65823	,	(Physical Chemistry)	
	03023	2.	Chemistry Paper-IX (New) (Physical Chemistry)	
	54898	3.	Botany Paper-IX (Old)	
	3 1030	3.	(Under Restructured Course) (Biology of Cryptogams)	
	65836	3.	Botany Paper-IX (New)	
			(Under Restructured Course) (Biology of Non-Vascular Plants and Palaeobotany)	
	59859	4.	Zoology Paper-IX (Old)	
			(Under Restructured Course) (Functional Anatomy of Non-Chordates)	
	65848	4.	Zoology Paper-IX (New)	
			(Under Restructured Course) (Functional Anatomy of Non-Chordates)	
	54876	5.	Mathematics Paper-IX (Old)	
		_	(Real Analysis)	
	65869	5.	Mathematics Paper-IX (New)	
	F4010		(Real Analysis)	
	54910	6.	Statistics Paper-IX (Old) (Probability Distributions 1)	
	65858	6.	(Probability Distributions-1) Statistics Paper-IX (New)	
	03030	0.	(Probability Distributions)	
	54917	7.	Geology Paper-IX (Old)	
	31311	''	(Dynamics of Earth)	
	65913	7.	Geology Paper-IX (New)	
			(Dynamics of Earth)	
	54923	8.	Microbiology Paper-IX (Old)	
			(Virology)	
	65891	8.	Microbiology Paper-IX (New)	
			(Virology)	
	54928	9.	Electronics Paper-IX (Old)	
	65040		(Linear Integrated Circuits)	
	65812	9.	Electronics Paper-IX (New)	
	F4047	10	(Linear Integrated Circuits)	
	54947	10.	Computer Science Paper-IX (Old) (Data Commounication)	
	65902	10.	Computer Science Paper-IX (New)	
	03902	10.	(Computer Networking)	
	54985	11.	Food Sciencs & Quality Control Paper-IX (Old)	
	3 1303		(Fermentation Technology)	
	66011	11.	Food Sciencs & Quality Control Paper-IX (New)	
			(Fermentation Technology)	
	54998	12.	Industrial Microbiology Paper-IX (Old)	
			(Environmental Microbiology)	
	66034	12.	Industrial Microbiology Paper-IX (New)	
			(Environmental Microbiology)	
	55016	13.	Bio-Technology Paper-IX (OPT/VOC) (Old)	
	550=5	45	(Biochemical Techniques)	
	66056	13.	Bio-Technology Paper-IX (OPT/VOC) (New)	
	E40C0	14	(Biochemical Techniques)	
	54969	14.	Fisheries Paper-V (Old) (Fishery Pielegy II. Agusculture Management)	
	CEOCO	14	(Fishery Biology-II, Aquaculture Management)	
	65960	14.	Fisheries Paper-V (New) (Fishery Piology II Aguaculture)	
	66587	15.	(Fishery Biology-II, Aquaculture) Bio-Chemistry Paper-IX	
	00367	13.	(BHC-501 - Molecular Biology)	

B. Sc. Part- III. Sem-V

DAY & DATE	Subject	B. Sc. Part-III Sem-V
	Code. No.	Time : 12.00 noon to 2.00 p. m.
Sunday, 03-04-2016	59871	 Physics Paper-X (Old) (Solid State Physics and Solid State Devices)
	65803	1. Physics Paper-X (New) (Quantum Machanics)
	54893	2. Chemistry Paper -X (Old) (Inorganic Chemistry)
	65824	2. Chemistry Paper -X (New) (Inorganic Chemistry)
	54899	3. Botany Paper-X (Old) (Under Restructured Course) Microbiology and Plant Pathology
	65837	3. Botany Paper-X (New) (Genetics and Analytical Techniques in Plant Science)
	59860	4. Zoology Paper-X (Old) (Biostatistics Bio-informatics and Medical Zoology)
	65849	4. Zoology Paper-X (New) (Biostatistics Bio-informatics and Medical Zoology)
	54877	5. Mathematics Paper-X (Old) (Modern Algebra)
	65870	5. Mathematics Paper-X (New) (Modern Algebra)
	54911	6. Statistics Paper-X (Old) (Statistical Inferency) - I
	65859	6. Statistics Paper-X (New) (Statistical Inference) - I
	54918	7. Geology Paper-X (Old) (Stratigraphy and Palenontology)
	65914	7. Geology Paper-X (New) (Stratigraphy and Paleonotology)
	54924	8. Microbiology Paper-X (Old) (Immunollogy & Serology)
	65892	8. Microbiology Paper-X (New) (Immunology & Serology)
	54929	9. Electronics Paper-X (Old) (Communication Systems) - I
	65813	9. Electronics Paper-X (New) (Communication Systems - I)
	54948	10. Computer Science Paper-X (Old) (Visual Basic NET Programming - I)
	65903	(Visual Busic NET Frogramming - 1) 10. Computer Science Paper-X (New) (Visual Programming- Using C#)
	54986	11. Food Sciencs & Quality Control Paper-X (Old)
	66012	(Dairy Technology) 11. Food Sciencs & Quality Control Paper-X (New) (Dairy Technology)
	54999	(Dairy Technology) 12. Industrial Microbiology Paper-X (Old) (Pagin Techniques of Biotochnology)
	66035	(Basic Techniques of Biotechnology) 12. Industrial Microbiology Paper-X (New)
	55017	(Basic Techniques of Biotechnology) 13. Bio-Technology Paper-X (Opt/VOC) (Old)
	66057	(Animal Cell Culture) 13. Bio-Technology Paper-X (Opt/VOC) (New) (Animal Cell Culture)
	54970	(Animal Cell Culture) 14. Fisheries Paper-VI (Old) (Tick Physiology II Dispersion and Disjustermenties)
	65961	(Fish Physiology-II, Biostatistics and Bioinfermatics) 14. Fisheries Paper-VI (New) (Fish Physiology II, Biostatistics and Bioinformatics)
	66588	(Fish Physiology-II, Biostatistics and Bioinfermation) 15. Bio-Chemistry (BHC-502 - Cell Biology)

B. Sc. Part- III. Sem-V

DAIL 0 DAME	Subject B. Sc. Part-III Sem- V		
DAY & DATE	Code. No.	Time : 12.00 noon to 2.00 p. m.	
Monday,	59872	1. Physics Paper-XI (Old)	
04-04-2016	65804	(Classical Mechanics) 1. Physics Paper-XI (New)	
	54894	(Classical Mechanics) 2. Chemistry Paper-XI (Old)	
	65825	(Organic Chemistry) 2. Chemistry Paper-XI (New)	
	54900	(Organic Chemistry) 3 Botany Paper XI (Old)	
	65838	(Genetics) 3 Botany Paper XI (New)	
	59861	(Fundamentails of Plant Physiology and Ecology) 4. Zoology Paper-XI (Old)	
		(Physiology)	
	65850	4. Zoology Paper-XI (New) (Molecular, Biology Biotechnology and Biotechniques)	
	54878	5. Mathematics Paper-XI (Old) (Partial Differential Equations)	
	65871	5. Mathematics Paper-XI (New) (Partial Differential Equations)	
	54912	6. Statistics Paper-XI (Old) (Designs of Experiments)	
	65860	6. Statistics Paper-XI (New) (Designs of Experiments)	
	54919	7. Geology Paper-XI (Old)	
	65915	(Economic Geology) 7. Geology Paper-XI (New)	
	54925	(Economic Geology) 8. Microbiology Paper-XI (Old)	
	65893	(Food & Industrial Microbiology) 8. Microbiology Paper-XI (New)	
	54930	(Food & Industrial Microbiology) 9. Electronics Paper-XI (Old)	
	65814	(8051 Microcontroller) 9. Electronics Paper-XI (New)	
	54949	(8051 Microcontroller Interfacing and Embedded C) 10. Computer Science Paper-XI (Old)	
		(Linux Operating System)	
	65904	10. Computer Science Paper-XI (New) (Linux Operating System)	
	54987	11. Food Science & Quality Control Paper-XI (Old) (Bekary and confectionary products)	
	66013	11. Food Science & Quality Control Paper-XI (New) (Technology of Bekary and Confectionary)	
	55000	12. Industrial Microbiology Paper-XI (Old) (Microbial Productions of Metabolites and biain secticides)	
	66036	12. Industrial Microbiology Paper-XI (New) (Quality Assurance in Industrial Products)	
	55018	13. Bio-Technology Paper-XI (OPT/VOC.) (Old) (Bioprocess Engineering)	
	66058	13. Bio-Technology Paper-XI (OPT/VOC.) (New)	
	54955	(Bioprocess Engineering) 14. Plant-Protection Paper-V (Old) (Blant Bath a second of the in Management)	
	65948	(Plant Pathogens and their Management) 14. Plant-Protection Paper-V (New)	
	54962	(Plant Pathogens and their Management) 15 Pollution Paper-V (Old)	
	65874	(Biomedical Aspects of pollution) 15 Pollution Paper-V (New)	
	54976	(Biomedical Aspects of pollution) 16. Seed Technology Paper-IX (Old) (Seed Pathology)	
	65936	16. Seed Technology Paper-IX (New) (Seed Pathology)	
	66589	17. Bio-Chemistry (BHC-503 - Biomembrance Transport and Cytoskeletion)	

Final Programme (B. Sc. Semester) March/April, 2016 Sem. V

B. Sc. Part-III Sem-V

DAV 9. DATE	Subject	B. Sc. Part-III Sem-V
DAY & DATE	Code. No.	Time : 12.00 noon to 2.00 p. m.
Tuesday,	59873	1. Physics Paper-XII (Old)
5-04-2016	65805	(Atomic Physics, Astronomy, Astrophysics) 1. Physics Paper-XII (New)
	59895	(Atomic and Molecular Spectra Astronomy, Astrophysics) 2. Chemistry Paper-XII (Old)
	65826	(Analytical and Industrial Chemistry) 2. Chemistry Paper-XII (New)
		(Industrial Chemistry)
	54901	3. Botany Paper-XII (Old) (Plant Biochomistry)
	65839	3. Botany Paper-XII (New) (Plant Biochomistry)
	59862	4. Zoology Paper-XII (Old) (Endocrinology, Environmental Biology and Toxicology)
	65851	4. Zoology Paper-XII (New)
		(Endocrinology, Environmental Biology and Toxicology) 5. Mathematics Paper-XII (Old)
	54881	A) Symbolic Logic & Graph Theory (Old) B) Special Theory of Relativity - I (Old)
	54882 54883	B) Special Theory of Relativity - I (Old) C) Differential Geometry -I (Old)
	54884	D) Mathematical Modelling -I (Old)
	54885	E) Application of Mathematics in Finance (Old)
	54886	F) Mechanics-I (Old)
	65873	5. Maths P-XII (New) Numerical Methods - I
	54913	6. Statistics Paper-XII (Old)
	65861	(Programing in 'C') 6. Statistics Paper-XII (New)
	03001	6. Statistics Paper-XII (New) (Operations Research)
	54920	7. Geology Paper-XII (Óld)
	65916	(Geomorphology, and Remote Sensing) 7. Geology Paper-XII (New)
	03310	(Geomorphology, and Remote Sensing)
	54926	8. Microbiology Paper-XII (Old) (Agricultutal Microbiology)
	65894	8. Microbiology Paper-XII (New)
	54931	(Agricultutal Microbiology) 9. Electronics Paper-XII (Old)
	65815	(Electronic Instrumentation) 9. Electronics Paper-XII (New)
		(Powar Electronic Devices and Applications)
	54950	10. Computer Science Paper-XII (Old) (E-Commerce)
	65905	10. Computer Science Paper-XII (New) (PHP and My SQL)
	54988	11. Food Science & Quality Control Paper-XII (Old) (Food quality Control & Waste Management)
	66014	11. Food Science & Quality Control Paper-XII (New)
	55001	(Food quality Control & Waste Management) 12. Industrial Microbiology Paper-XII (Old)
		(Quality assurance and quality Control of Fermented Products)
	66037	 Industrial Microbiology Paper-XII (New) (Microbial Producations of Metabolites and bioinsecticides)
	55019	13. Bio-Technology Paper-XII (OPT/VOC.) (Old)
	66059	(Fermentation Technology) 13. Bio-Technology Paper-XII (OPT/VOC.) (New)
	54956	(Fermentation Technology) 14. Plant-Protection Paper-VI (Old)
		(Plant Insect Pests and their Management)
	65949	14. Plant-Protection Paper-VI (New) (Plant Insect Pests and their Management)
	54963	15 Pollution Paper-VI (Old) (Pollution and Society)
	65875	15 Pollution Paper-VI (New)
	54977	(Pollution and Society) 16. Seed Technology Paper-X (Old)
	65937	(Seed Entomology) 16. Seed Technology Paper-X (New)
	66590	(Seed Entomology) 17. Bio-Chemistry
	U6590	17. Bio-Chemistry Bio-504 Bio-chemical Techniques
Wednesday	54880	1. English (Compulsory) (Old) (English For Communication)
06-04-2016	66886	2. English (Complsory) (new) (English For Communication)

Final Programme (B. Sc. Semester) March / April, 2016 Sem. VI

DAY & DATE	Subject		B. Sc. Part-III Sem - VI
DAI & DAIE	Code. No.		Time : 12.00 noon to 2.00 p. m.
Monday, 28-03-2016	59875	2.	Physics Paper-XIII (Old) (Nuclear and Particle Physics)
20-03-2010	65807	2.	Physics Paper-XIII (New)
	58066	3.	Nuclear and Particle Physics Chemistry Paper-XIII (Old)
	65830	03	(Physical Chemistry) Chemistry Paper-XIII (New)
	58071	4.	Physical Chemistry Botany Paper-XIII (Old)
	65842	04	(Gymnosperms and Palaeobotany) Botany Paper-XIII (New)
	59864	5.	Biology of Vascular Plants Zoology Paper-XIII (Old)
			(Comparative Anatomy of Chrodates)
	65853	05	Zoology Paper-XIII (New) Comparative Anatomy of Vertebrates
	58051	6.	Mathematics Paper-XIII (Old) (Metrix Spaces)
	65879	06	Mathematics Paper-XIII (New) Metric Spaces
	58081	7.	Statistics Paper-XIII (Old) (Probability Distributions-II)
	65864	07	Statistics Paper-XIII (New)
	58087	8.	Probability Theory Geology Paper-XIII (Old)
	65919	08	(Proterozoic Stratigraphy of India) Geology Paper-I (New)
	58092	9.	Proterizoic Stratigraphy of India Microbiology Paper-XIII (Old)
	65897	09	(Microbial Genetics) Microbiology Paper-XIII (New)
	58096	10.	Microbial Genetics Electronics Paper-XIII (Old)
	65818	10	(Linear Integrated Circuits and Metlab) Electronics Paper-XIII (New)
	58112	11.	Industrial Processes control and PLC Programming Computer Science Paper-XIII (Old)
			(Network Technonlogy)
	65908	11	Computer Science Paper-XIII (New) Network Technology and Windows Sever 2008
	58136	12.	Food Sciencs & Quality Control Paper-XIII (Old) (Food Bio-Technology)
	66017	12	Food Sciences & Quality Control P-XIII (New) Food Bio- Technology
	58147	13.	Industrial Microbiology Paper-XIII (Old) (Environmental Pollution and Control)
	66040	13	Industrial Microbiology Paper-XIII (New) Environmental pollution and control
	58162	14.	Biotechnology Paper-XIII (OPT/VOC) (Old) (Plant Biotechnology)
	66062	14	Bio- Technology P-XIII (New) (OPT/VOC)Plant Bio- Technology
	58128	15.	Fisheries Paper-VII (Old)
	65969	15.	(Marine Biology and Fisheries) Fisheries Paper-VII (New) (Marine Biology and Fisheries)
	66592	16	(Marine Biology and Fisheries) Bio - chemistry P - XIII BHC - 601 Nauvochemistry (Nauv)
			BHC – 601 - Neurochemistry (New)
	-		(DTO)

B. Sc. Part- III. Sem-VI

DAV O DATE	Subject	B. Sc. Part-III Sem-VI
DAY & DATE	Code. No.	Time : 12.00 noon to 2.00 p. m.
Tuesday,	59876	2. Physics Paper-XIV (Old)
29-03-2016		(Energy Studies and Matrial Science)
	65808	2. Physics Paper – XIV (New)
		Energy studies and Materials Science
	58067	3. Chemistry Paper -XIV (Old)
	65831	(Inorganic Chemistry) 3 Chemistry Paper – XIV (New)
	05051	Inorganic Chemistry
	58072	4. Botany Paper-XIV (Old)
		(Angioperms and Environmental Biology)
	65843	4 Botany Paper - XIV (New)
		Microbiology and Plants Pathology
	59865	5 Zoology Paper-XIV (Old)
	65854	(Developmental Biology) 5 Zoology Paper – XIV (New)
	03031	Development Biology
	58052	6 Mathematics Paper-XIV (Old)
		(Linear Algebra)
	65880	6 Mathematics Paper - XIV (New)
	50000	Linear Algebra
	58082	7 Statistics Paper-XIV (Old) (Statistical Inferency) - II
	65865	7 Statistics Paper - XIV (New)
	03003	Statistical Inference - II
	58088	8 Geology Paper-XIV (Old)
		(Phanerozoic Stratigraphy of India)
	65920	8 Geology Paper – XIV (New)
		Phanerozoic Stratigraphy of India
	58093	9 Microbiology Paper-XIV (Old)
	65898	(Microbial Biochemistry) 9 Microbiology Paper – XIV (New)
	03030	Microbial Biochemistry
	58097	10 Electronics Paper-XIV (Old)
		(Communication Systems) - II
	65819	10 Electronics Paper – XIV (New)
	50440	Communication Systems - II
	58113	11 Computer Science Paper-XIV (Old) (Visual Basic NET Programming)-II
	65909	(Visual Busic NET Frogramming)-11 11 Computer Science Paper — XIV (New)
	03303	Java Programming
	58137	12 Food Sciencs & Quality Control Paper-XIV (Old)
		(Technology of Meet Fish and Poltry Product)
	66018	12 Food Sciences & Quality Control P – XIV (New)
	504.40	Technology of Meat , fish & Poetry Products
	58148	13 Industrial Microbiology Paper-XIV (Old) (Applications of Biotechnology)
	66041	(Applications of Biotechnology) 13 Industrial Microbiology Paper — XIV (New)
	00041	Application of Bio- Technology
	58163	14 Bio-Technology Paper-XIV (Opt/VOC) (Old)
		(Environmental Biotechnology)
	66063	14 Bio- Technology Paper — XIV (OPT/VOC) (New)
	F0100	Environmental Bio- Technology
	58129	15 Fisheries Paper-VIII (Old) (Fish Pathology and fishery Tachnology)
	65970	(Fish Pathology and fishery Technology) 15 Fisheries Paper — VIII (Fish Pathology and Fishery Technology) (New)
	66593	16 Bio - chemistry P - XIVBHC — 602 — Cancer Biology (New)

B. Sc. Part- III. Sem-VI

DAY & DATE	Subject Code. No.	B. Sc. Part-III Sem- VI	
		Time : 12.00 noon to 2.00 p. m.	
Wednesday, 30-03-2016	59877	2 Physics Paper-XV (Old)	
	65809	(Electrodynamics and Electomagnetic Waves) 2 Physics Paper – XV (New)	
		Electrodynamics and Electromagnetic Waves	
	58068	3. Chemistry Paper-XV (Old) (Organic Chemistry)	
	65832	3 Chemistry Paper – XV (New) Organic Chemistry	
	58073	4 Botany Paper XV (Old) (Microbrial Genetic Plant Breeding and Boistatastics)	
	65844	4 Botany Paper – XV (New)	
	59866	Plants breeding Biostystistics Ethno botany and Horticulture 5 Zoology Paper-XV (Old)	
	65855	(Molecular Biology, Biotechnology and Biotechniques) 5 Zoology Paper — XV (New)	
	58053	Physiology 6 Mathematics Paper-XV (Old)	
		(Complex Analysis)	
	65881	6 Mathematics Paper - XV (New) Complex Analysis	
	58083	7 Statistics Paper-XV (Old) (Sampling Theory)	
	65866	7 Statistics Paper - XV (New)	
	58089	Sampling Theory 8 Geology Paper-XV (Old)	
	65921	(Prospecting and Mineral Exploration) 8 Geology Paper — XV (New)	
	58094	Prospecting and Mineral Exploration 9 Microbiology Paper-XV (Old)	
	65899	(Environmental Microbiology) 9 Microbiology Paper — XV (New)	
		Environmental Microbiology	
	58098	10 Electronics Paper-XV (Old) (Interfacing Embelled C and P/C)	
	65820	10 Electronics Paper – XV (New) Advanced Microcontroller Architecture PIC	
	58114	11 Computer Science Paper-XV (Old) (Advanced Linux Application)	
	65910	11 Computer Science Paper – XV (New)	
	58138	Advanced Linux Applications 12 Food Science & Quality Control Paper-XV (Old)	
	66019	(Food Hygine and Sanitation) 12 Food Sciencs & Quality Control P – XV (New)	
	58149	Food Hygiene& Sanitation 13 Industrial Microbiology Paper-XV (Old)	
	66042	(Microbial formentations, Foods and biofuels) 13 Industrial Microbiology Paper – XV (New)	
		Industrial Management, Government Laws and Regulations	
	58164	14 Bio-Technology Paper-XV (OPT/VOC.) (Old) (Cell Metabolism and virology)	
	66064	14 Bio- Technology Paper — XV (New) (OPT/VOC) Cell Metabolism and Virology	
	58118	15 Plant-Protection Paper-VII (Old) (Field Techniques in Plant Protection)	
	65955	15 Plant Protection Paper – VII (New)	
	65981	Field Techniques in Plants Production 16 Pollution Paper – VII (New)	
	58123	Terrestrial Pollution and Recycling 16 Pollution Paper-VII (Old)	
	58133	(Teeretrial pollution and Recycling) 17 Seed Technology Paper-XI (Old)	
		(Seed Processing and Storage)	
	65943	17 Seed Technology Paper – XI (New) Seed Processing and Storage	
	66594	18 Bio - chemistry P - XV (New) BHC – 603 Clinical Bio - Chemistry	
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B. Sc. Part-III Sem-VI

DAY & DATE	Subject	B. Sc. Part-III Sem-VI		
DAI & DAIE	Code. No.	Time : 12.00 noon to 2.00 p. m.		
Thursday,	59878	2 Physics Paper-XVI (Old)		
31-03-2016	65810	(Quantam Mechanics) 2 Physics Paper — XVI (New)		
		Solid State Physics		
	59896	3 Chemistry Paper-XVI (Old) (Industrial Chemistry)		
	65833	3 Chemistry Paper – XVI (New)		
	58074	Analytical Chemistry 4 Botany Paper-XVI (Old)		
	65845	(Molecular Biology and Biotechnology) 4 Botany Paper – XVI (New)		
	65845	4 Botany Paper – XVI (New) Plants Biochemistry		
	59867	5 Zoology Paper-XVI (Old) (Applied Zoology)		
	65856	5 Zoology Paper – XVI (New)		
		Applied Zoology 6 Mathematics Paper-XVI (Old)		
	58055	A) Algorithums and Boolean Algebra		
	58056	B) Special Theory of Relativity - II		
	58057	C) Differential Geometry -II D) Mathematical Modelling -II		
	58058 58059	E) Application of Mathematics in Insurance		
	58060	F) Mechanics-II		
	65883	6 Mathematics Paper - XVI (New)		
		Numerical Methods - II		
	58084	7 Statistics Paper-XVI (Old)		
	65867	(Operation Research) 7 Statistics Paper - XVI (New)		
	03007	Quality Management and Data Mining		
	58090	8 Geology Paper-XVI (Old)		
		(Geology and Hydrogeology)		
	65922	8 Geology Paper – XVI (New) Environmental Geology and Hydrogeology		
	58095	9 Microbiology Paper-XVI (Old)		
		(Clinical Microbiology)		
	65900	9 Microbiology Paper – XVI (New)		
	58099	Clinical Microbiology 10 Electronics Paper-XVI (Old)		
	30033	(Power Electronics)		
	65821	10 Electronics Paper – XVI (New)		
	50115	Electronic Instrumentation		
	58115	11 Computer Science Paper-XVI (Old) (Web Technology)		
	65911	11 Computer Science Paper – XVI (New)		
	50120	E - Commerce		
	58139	12 Food Science & Quality Control Paper-XVI (Old) (Processing of Snacks and Instant Foods)		
	66020	12 Food Sciencs & Quality Control P – XVI (New)		
	50450	Food Packaging Technology		
	58150	13 Industrial Microbiology Paper-XVI (Old) (Industrial Mangement Govt. Laws and Regulations)		
	66043	13 Industrial Microbiology Paper – XVI (New)		
	E0110	Microbial Fermentations, Food and Befouls		
	58119	14 Plant-Protection Paper-VIII (Old) (Labortory Techniques in Plant Protections)		
	65956	14 Plant Protection Paper – VIII (New)		
	F0165	Laboratory Techniques in Plant Protection		
	58165	15 Bio-Technology Paper-XVI (OPT/VOC.) (Old) (Gene Biotechnology and Bio informatics)		
	66065	15 Bio- Technology Paper – XVI (New)		
		(OPT/VOC)Gene biotechnology and Bioinformatics		
	65982	16 Pollution Paper – VIII (New)		
	58124	(Monitoring and Controll of Pollution) 16 Pollution Paper-VIII (Old)		
	33121	(Monitoring and Controll of Pollution)		
	58134	17 Seed Technology Paper-XII (Old)		
	65944	(Seed farm Managment an Marketing) 17 Seed Technology Paper – XII (New)		
	05544	Seed Farm Management and Marketing		
	66595	18 Bio - chemistry P - XVI (New) BHC – 604 Fermentation Technology		
Tui dan-	(5000	01 English (Companisons) (News) (Fee-ligh for Companisons)		
Friday	65806	01 English (Compulsory) (New) (English for Communication)		
01-042016	58054	01 English (Compulsory) (Old) (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 the loss or inconvenience caused to the candidates.

VIDYANAGAR, Kolhapur-416 004. Date: 25/02/2016 **Shri. M. A. Kakade**Controller of Examinations