शिवाजी, विद्यापीठ कोल्हापूर

# SHIVAJI UNIVERSITY, KOLHAPUR. 416 004

Phone No. 2609000

Controller of Exam. Office Ph. 2609068 Fax No. - 2690655 B.Sc. / M.Sc. Exam. Section Phone No. 0231 - 2609118

Estd: 1962

NAAC "A" Grade MHRD-NIRF-28 th Rank

Re - Accredited by NACC - 2014 with C.G.P.A - 3.16

जा. क्र. शिवाजी वि. / परीक्षा बी.एस्सी / २५७ ८

दि.२८/०८/२०१७

मा. प्राचार्य / डायरेक्टर / विभागप्रमुख,

सर्व संलग्नीत महाविद्यालये / विद्यापीठ अधिविभाग / दूरशिक्षण केंद्र.

विषय :- ऑक्टोंबर / नोव्हेंबर २०१७ मध्ये होणाऱ्या बी.एस्सी भाग १ ते ३ सत्र १ ते ६ च्या कच्या परीक्षा वेळापत्रकाबाबत.

महोदय / महोदया,

ऑक्टोंबर / नोव्हेंबर २०१७ या हिवाळी सत्रातील बी.एस्सी अभ्यासक्रमाच्या परीक्षा ०४/१०/२०१७ पासून सुरु होत आहेत. बी.एस्सी भाग ०१ ते ३ सत्र १ ते ६ च्या परीक्षेच्या वेळापत्रकाचा कच्चा मसुदा विद्यापीठ संकेत स्थळावर Unishivaji.ac.in - Exam Section - Examination Schedule वर ठेवलेला आहे. सदर परीक्षेचे वेळापत्रक तपासावे तसेच सर्व संबंधीतांच्या व विद्यार्थ्यांच्या निदर्शनास आणावे. सदर वेळापत्रकामध्ये काही त्रुटी असल्यास किंवा एखाद्या विद्यार्थ्यांचे दोन पेपर एकाच दिवशी वेळी येत असल्यास तसे विद्यापीठास दिनांक ०७ सप्टेंबर २०१७ रोजी पूर्वी कळवावे जेणेकरुन अंतिम वेळापत्रक लवकरात लवकर तयार करता यईल.

मागील परीक्षेवेळी असे निदर्शनास आले आहे. की, सदर दुरुस्त्या वेळेत न कळविता परीक्षेवेळी कळविल्या जातात त्यामुळे वेळापत्रकामधील दुरुस्त्या करुन बदललेल्या वेळापत्रकानुसार परीक्षा घेणे अडचणीचे होते. याबाबत काही दुरुस्त्या / सूचना असल्यास त्या विद्यापीठाच्या तात्काळ निदर्शनास आणाव्यात.

कळावे.

आपला विश्वास्,

प्रतः-

१. डियुडीसी

२. गोडावून विभाग

३. दूर शिक्षण केंद्र

४. प्रश्नपत्रिका वितरण विभाग

५. परीक्षक नियुक्ती विभाग

६. परीक्षा प्रमाद विभाग

#### SHIVAJI UNIVERSITY, KOLHAPUR

# Draft programme for the college Examination pattern Students B.Sc. Part – I Semi – I & II Semester to be held on Oct / Nov. 2017 (College Examination Only)

#### Circular No - 739 Exam Oct / Nov. 2017.

- 1. The Students should see their No's & Name in the Name list and mistakes if any should be communedcited 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
- 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.
- The Candidate should write the answers in BLUE INK only.
- The Candidate Should write the answers in DEGE maximy.
  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.
- 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 date wise and subject wise; 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.	r. Centre Name Centre College College Place				,
No.	Centre Name	Code	Abbreviation	Code	riace
110.		Code	GKG	260	Gopal Krishna Gokhale College
			NCK	30	The New College (Shivaji Peth)
			R	31	Rajaram College
1	KOLHAPUR	03	SHAHU	32	Rajarshri Chh. Shahu College (Sadar Bazar)
1	KOLIIII CK	03	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
	JATSINGFUR	04		43	Shivraj College of Arts & Commerce & D.S. Kadam
4	GADHINGLAJ	13	GAD	03	Science College
			GCG	47	Dr Ghali 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	Yashwantrao Chavan 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	34	M.H. Shinde Mahavidyalaya
16	NESARI	35	NESARI	35	Arts and Commerce College
17	CHANDGAD	37	CHAND	37	Shri. R.B. Madkholkar Mahavidyalaya
18	KALE	97	KALE	250	Vithalrao Patil Mahavidyalaya
19	ASURLE PORLE	502	ASURLE PROLE	377	Arts, Commerce and Science College
20	KARVE	723	KARVE	427	V.K.Chavan Patil Arts, Commerce and Science College
21	GAGANBAWADA	725	ANNDI	429	Arts, Commerce and Science College (Anandi)
22	SOLANKUR	682	YPVMS	436	Yashwantrao Patil Vidnyan Mahavidyalaya
23	KASABA BEED	963	BEED	469	Arts, Commerce and Science College
24	MURGUD	28	MUR	62	Sadashivrao Mandlik Mahavidyalaya
25	SARUD	22	SRD	56	Shri. Shiv Shahu Mahavidyalaya
26	KAGAL	26	DRM	60	D.R. Mane Arts and Commerce College
27	KOTOLI	39	MKOT	72	Shripatrao Chougule Arts and Science College
28	HATKANANGALE	38	HAT	71	Shri Annasaheb Dange Arts Commerce & Science College, HATKANANGALE
20	KOWAD	1.4	KOWAD	02	
29	KOWAD	14	NUWAD	02	Arts Commerce & Science College, Kowad

#### Page No – 02 (SANGLI DISTRICT)

Sr.	Centre Name	Centre	College	College	Place
No.		Code	Abbreviation	Code	
			ASCS	73	Dr. Patangrao Kadam Arts, Science and Commerce
					College, Sangalwadi
1	SANGLI	11	KWS	78	Smt. Kasturbai Walchand College of Arts and
					Science
			WDN	80	Willingdon College
2	MIRAJ	40	M	83	Shikshan Maharshi Dr. Bapuji Salunkhe Mahavidyalaya
	WIIKAJ	40	MIRAJ	84	Miraj Mahavidyalaya Miraj
2	VITA	41	BAL	86	Balwant College Vita
3	VIIA	41	HPMV	261	Adarsha College Vita
		42	KMU	88	Smt. Kusumtai Rajarambapu Patil Kanya
4	URUN-ISLAMPUR				Mahavidyalaya
			U	90	Karmveer Bhaurao Patil College
5	TASGAON	43	T	92	Padmbhushan Dr. Vasantraodada Patil
					Mahavidyalaya
6	RAMANANDNAGAR	44	RAM	93	Arts, Science and Commerce College Ramanandnagar
7	JATH	45	RAJE	94	Raje Ramrao Mahavidyalaya Jath
8	KAVATE	46	KVT	95	Padmbhushan Vasantraodada Patil Mahavidyalaya
	MAHANKAL				
9	ATPADI	50	ATP	283	Shrimant Babasaheb Deshmukh Mahavidyalaya
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
16	UMADI	342	UMADI	315	Arts, Commerce and Science College
17	SALGARE	946	VDS	468	Vitthal (Daji) Commerce and Science College
18	BHILAWADI	56	BHIL	105	Babasaheb Chitale College

#### (SATARA DISTRICT)

Sr.	Centre Name	Centre	College	College	Place
No.		Code	Abbreviation	Code	
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	156	Sadguru gadge maharaj College
3	KAKAD	02	YCSK	158	Y.C. College of Science Karad
4	KHATAV	74	SRK	152	Shahajiraje Mahavidyalaya
5	DATAN	75	BD	159	Balasaheb Desai College Patan
3	PATAN	13	VDDS	490	Smt. Vijayadevi Desai Senior College
			WAI	161	Kisan Veer Mahavidyalaya
6	WAI	77	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 Mahavidyalaya
13	AUNDH	89	AUNDHI	173	Raja Shripatrao Bhagawantrao Mahvidyalaya
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

Draft Programme B.Sc Semester Oct/Nov- 2017 Sem- I & II

 $\label{eq:Page-03} \begin{aligned} \textbf{B.Sc Part} - \textbf{I Semester} - \textbf{I (College Examination)} \end{aligned}$ 

Day & Date	Subject Code No.	Time: 12:00 Noon to 02:00 PM	Subject Code No.	Time: 03:00 to 05:00 PM
Tuesday 24/10/2017	59673	English Paper – I (English for Communication)		
Wednesday 25/10/2017	59676	Chemistry Paper – I (Physical Chemistry)	59668	Computer Science Paper – I (Introduction to Computers & Modern Operating Environment)
			68273	Nano Technology Paper – I (Introduction to Nanoscience and Nanotechnology)
Thursday	59676	Chemistry Paper – II	59668	Computer Science Paper – II (Introduction to Programming in "C")
26/10/2017		(Inorganic Chemistry)	68273	Nano Technology Paper – II (Physico-chemical aspects of Nanoscience & technology)
<u>Friday</u> 27/10/2017	59675	Physics Paper – I (Mechanics and Properties of Matter)	59670	Bio-Technology (Opt./Voc.) Paper-I (Basic of Biotechnology – I)
27710/2017		(Meenanes and Properties of Matter)	59850	Industrial Microbiology Paper – I (Fundamentals of Industrial Microbiology)
Saturday 28/10/2017	59675	Physics Paper – II (Oscillations, Waves and Optics)	59670	Bio-Technology (Opt./Voc.) Paper- II (Basic of Biotechnology -II)
			59850	Industrial Microbiology Paper- II (Basic of Fermentation)
Monday	59678	Zoology Paper – I (Animal Diversity – I)	55738	Seed Technology - I (Seed Development & Morphology)
30/10/2017	59679	Statistics Paper- I (Descriptive Statistics- I)	59669	Bio-Chemistry Paper-I (Opt) (Biomolecules-I)
<u>Tuesday</u> 31/10/2017	59678	Zoology Paper- II (Cell Biology and Genetics)	55738	Seed Technology – II (Plant Breeding)
31/10/2017	59679	Statistics Paper- II (Elementary Probability Theory)	59669	Bio-Chemistry Paper- II (Opt) (Bio-chemical Techniques-I)
Wednesday 01/11/2017	59677	Botany Paper-I (Diversity in Non Vascular Plants)	59674	Mathematics Paper- I (Complex Numbers and Algebra)
Thursday 02/11/2017	59677	Botany Paper –II (Plant Biochemistry, Physiology and Ecology)	59674	Mathematics Paper – II (Calculus)
E.I	59666	Electronics Paper- I (Basic Electronics)	59664	Geology Paper- I (General Geology)
Friday 03/11/2017	59667	Geography Paper- I (Introduction to Physical Geography)	59665	Microbiology Paper-I (Fundamentals of Microbiology)
	59672	Food Science & Quality Control Paper-I (Food Chemistry-I)	68272	Astro Physics & Space Sci. Paper – I (Fundamentals of Astronomy)
M. I	59666	Electronics Paper- II (Semi Conductor Devices)	59664	Geology Paper- II (Mineralogy and Crystallography)
Monday 06/11/2017	59667	Geography Paper-II (Geomorphology)	59665	Microbiology Paper-II (Basic Microbial Techniques and Biochemistry)
	59672	Food Science and Quality Control Paper II (Food Microbiology)	68272	Astro Physics & Space Sci Paper- II (Mathematical Course for Astro Phsics & Space Science)

#### Page - 04 B.Sc Part - I Semester - II (College Examination)

Day & Date	Subject Code No.	Time: 12:00 to 02:00 PM	Subject Code No.	Time: 03:00 to 05:00 PM
Wednesday 04/10/2017	59680	English Paper – II (English for Communication)		
Thursday 05/10/2017	59683	Chemistry Paper – III (Organic Chemistry)	59691	Computer Science Paper –III (Introduction Databases & HTML)
			68828	Nano –Technology (NT-103T) Synthesis Techniques Paper No- III
Friday	59683	Chemistry Paper- IV	59691	Computer Science Paper- IV (Programming Techniques Using "C")
06/10/2017		(Industrial Chemistry)	68828	Nano Technology (NT-104) Basic Characterization Technique Paper- IV
Saturday	59682	Physics Paper- III (Kinetic theory of Gases, Heat and Thermodynamics)	59693	Bio-Technology (Opt/Voc) Paper- III (Cell Biology & Genetics)
07/10/2017			59851	Industrial Microbiology Paper- III (Fermented Design & Instrumentation)
Monday 09/10/2017	59682	Physics Paper- IV (Electricity Magnetism and Basic Electronics)	59693	Bio-Technology (Opt/Voc) Paper – IV (Microbiology)
			59851	Industrial Microbiology Paper- IV (Fermentation Techniques)
Tuesday 10/10/2017	59685	Zoology Paper- III (Animal Diversity- II)	55755	Seed Technology Paper- III (Seed Physiology)
	59686	Statistics Paper- III (Descriptive Statistics - II)	59692	Bio-Chemistry Paper- III (Opt) (Biomolecules-I)
Wednesday 11/10/2017	59685	Zoology Paper- IV (Ecology, Etiology, Evolution and Applied Zoology)	55755	Seed Technology Paper- IV (Seed Production)
	59686	Statistics Paper – IV (Discrete Probability Distributions)	59692	Bio-Chemistry Paper- IV (Opt) (Biochemical Techniques- II)
Thursday 12/10/2017	59684	Botany Paper- III (Diversity in Vascular Plants)	59681	Mathematics Paper- III (Geometry)
Friday 13/10/2017	59684	Botany Paper- IV (Cytology Genetics & Utilization of Plant)	59681	Mathematics Paper- IV (Differential Equations)
	59689	Electronics Paper- III (Basics Digital Electronics-I)	59687	Geology Paper- III (Physical Geology)
Saturday 14/10/2017	59690	Geography Paper- III (Climatology)	59688	Microbiology Paper- III (Medical Microbiology, Microbial Techniques and Bioinstrumentation)
	59695	Food Science and Quality Control P - III (Food Chemistry II)	68829	Astro Physic & Space Science Paper- III (Introduction to space Science)
	59689	Electronics Paper- IV (Electronics Circuits- II)	59687	Geology Paper- IV (Petrology)
Monday 23/10/2017	59690	Geography Paper- IV (Oceanography)	59688	Microbiology Paper- IV (Applied Microbiology)
	59695	Food Science and Quality Control Paper- IV (Nutrition Science)	68829	Astro-Physics & Space Science Paper- IV (Experimental Techniques in Astronomy)

**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 / 08 /2017**  Shri. M.A. Kakade Director Board of Examination and Evaluation

#### SHIVAJI UNIVERSITY, KOLHAPUR

#### Draft programme for the college Examination pattern Students B.Sc. Part – II & III Semi – III, IV,V & VI Semester to be held on Oct / Nov. 2017 (College Examination Only)

#### Circular No - 740 Exam Oct / Nov. 2017

- 1. The Students should see their No's & Name in the Name list and mistakes if any should be communed-cited 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.
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- 9. The Seating arrangement is made date wise and subject wise; 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.	Centre Name	Centre	College	College	Place
No.		Code	Abbreviation	Code	
			GKG	260	Gopal Krishna Gokhale College
			NCK	30	The New College (Shivaji Peth)
			R	31	Rajaram College
1	KOLHAPUR	03	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
5	ARJUNNAGAR	16	DA	48	Devchand College
6	GARGOTI	17	KHCG	49	Karmaveer Hire Arts, Science, Commerce &
Ü	0.11.0011	1,		.,	Education College
7	WARANANAGAR	10	W	50	Yashwantrao Chavan 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	PVD	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	34	M.H. Shinde Mahavidyalaya
16	NESARI	35	NESARI	35	Arts and Commerce College
17	CHANDGAD	37	CHAND	37	Shri. R.B. Madkholkar Mahavidyalaya
18	KALE	97	KALE	250	Vithalrao Patil Mahavidyalaya
19	ASURLE PORLE	502	ASURLE PROLE	377	Arts, Commerce and Science College
20	KARVE	723	KARVE	427	V.K.Chavan Patil Arts, Commerce and Science College
21	GAGANBAWADA	725	ANNDI	429	Arts, Commerce and Science College (Anandi)
22	SOLANKUR	682	YPVMS	436	Yashwantrao Patil Vidnyan Mahavidyalaya
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24	MURGUD	28	MUR	62	Sadashivrao Mandlik Mahavidyalaya
25	SARUD	22	SRD	56	Shri. Shiv Shahu Mahavidyalaya
26	KAGAL	26	DRM	60	D.R. Mane Arts and Commerce College
27	KOTOLI	39	MKOT	72	Shripatrao Chougule Arts and Science College
28	HATKANANGALE	38	НАТ	71	Shri Annasaheb Dange Arts Commerce & Science College, HATKANANGALE
29	KOWAD	14	KOWAD	02	Arts Commerce & Science College, Kowad

#### Page No – 02 (SANGLI DISTRICT)

Sr.	Centre Name	Centre	College	College	Place
No.		Code	Abbreviation	Code	
			ASCS	73	Dr. Patangrao Kadam Arts, Science and Commerce
					College, Sangalwadi
1	SANGLI	11	KWS	78	Smt. Kasturbai Walchand College of Arts and
					Science
			WDN	80	Willingdon College
2	MIRAJ	40	M	83	Shikshan Maharshi Dr. Bapuji Salunkhe Mahavidyalaya
	WIIKAJ	40	MIRAJ	84	Miraj Mahavidyalaya Miraj
3	VITA	41	BAL	86	Balwant College Vita
3	VIIA		HPMV	261	Adarsha College Vita
		42	KMU	88	Smt. Kusumtai Rajarambapu Patil Kanya
4	URUN-ISLAMPUR				Mahavidyalaya
			U	90	Karmveer Bhaurao Patil College
5	TASGAON	43	T	92	Padmbhushan Dr. Vasantraodada Patil
	D 13 5 13 5 13 5 13 5 13 5 13 5 13 5 13		7.17	0.0	Mahavidyalaya
6	RAMANANDNAGAR	44	RAM	93	Arts, Science and Commerce College Ramanandnagar
7	JATH	45	RAJE	94	Raje Ramrao Mahavidyalaya Jath
8	KAVATE	46	KVT	95	Padmbhushan Vasantraodada Patil Mahavidyalaya
	MAHANKAL			***	
9	ATPADI	50	ATP	283	Shrimant Babasaheb Deshmukh Mahavidyalaya
10	SHIRALA	51	SRL	100	Vishwasrao Naik Arts, Commerce and Baba Naik
1.1	WADEGA ON	50	173 417	101	Science Mahavidyalaya
11	KADEGAON	52	KMK	101	BV's Mathoshri Bayabai Shripatrao Kadam Kanya
10	CATTALAT	52	CAN	102	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 57	PALUS	104 106	Arts, Commerce & Science College
15	CHIKHALI		CHIK		Deshbhakt A.B. Naik Arts and Science College
16	UMADI	342	UMADI	315	Arts, Commerce and Science College
17	SALGARE	946	VDS	468	Vitthal (Daji) Commerce and Science College
18	BHILAWADI	56	BHIL	105	Babasaheb Chitale College

#### (SATARA DISTRICT)

Sr.	Centre Name	Centre	College	College	Place
No.		Code	Abbreviation	Code	
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	156	Sadguru gadge maharaj College
3	KAKAD	02	YCSK	158	Y.C. College of Science Karad
4	KHATAV	74	SRK	152	Shahajiraje Mahavidyalaya
5	DATAN	75	BD	159	Balasaheb Desai College Patan
3	PATAN	13	VDDS	490	Smt. Vijayadevi Desai Senior College
			WAI	161	Kisan Veer Mahavidyalaya
6	WAI	77	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 Mahavidyalaya
13	AUNDH	89	AUNDHI	173	Raja Shripatrao Bhagawantrao Mahvidyalaya
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

#### $\label{eq:pageNo-03} Page\ No-03$ B. Sc Part – II Semester – III (University Examination)

Day & Date	Subject Code No.	Time: 12:00 Noon to 02:00 PM	Subject Code No.	Time: 03:00 to 05:00 PM
Tuesday 07/11/2017	63603	Chemistry Paper V (Organic Chemistry )	63611	Computer Science Paper- V (Fundamentals of Software Engineering)
0,711,2017		(erganic enclassity)	70533	Nano Technology Paper – III (Nano Technology)
Wednesday 08/11/2017	63603	Chemistry Paper- VI (Analytical Chemistry)	63611	Computer Science Paper- VI (Object Oriented Programming Using C++)
			70533	Nano Technology Paper – IV (Nono Chemistry)
Thursday 09/11/2017	63602	Physics Paper- V (General Physics, Sound and	63613	Plant Protection Paper- I (Major Crops, Methods of Integrated Plant Protection)
		Acoustics)	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)
			63619	Food Science & Quality Control Paper- V (Food Preservation)
Friday	63602	Physics Paper- VI (New)	63613	Plant Protection Paper- II (Introduction to Weeds and Non- In seeds Pests)
10/11/2017		(Electronics and Semi Conductor Devices)	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)
			63619	Food Science & Quality Control Paper- VI (Fruits and Vegetable processing)
	63605	Zoology Paper- V (Animal Diversity- III)	63612	Astro Physics Paper- I (Fundamentals of Astronomy)
<u>Saturday</u> 11/11/2017	63606	Statistics Paper – V	63616	Seed Technology Paper- V (Hybrid Seed Production
11/11/2017	02000	(probability Distributions) – I	63620	Pollution Paper- I (Ecology and Pollution)
	63605	Zoology Paper- VI (Genetics & Biological Chemistry)	63612	Astro Physics Paper- II (Fundamentals of Astrophysics)
Monday 13/11/2017	63606	Statistics Paper- VI	63616	Seed Technology Paper- VI (Vegetable Seed Production)
		(Statistical Methods – I )	63620	Pollution Paper- II (Water Pollution –I)
Tuesday 14/11/2017	63604	Botany Paper- V (Algae, Fungi, Bryophytes & Industrial Applications)	63601	Mathematics Paper- V (Differential Calculus )
Wednesday 15/11/2017	63604	Botany Paper- VI (Plants Physiology Ecology & Horticulture)	63601	Mathematics Paper- VI (Differential Equations )
Thursday	63609	Electronics Paper- V (Digital Electronics)	63607	Geology Paper- V (Mineralogy and Optics)
16/11/2017	63621	Biochemistry Optional Paper – V (Bioenergetics & Metabolism-I)	63608	Microbiology Paper- V (Cytology ,Physiology and Metabolism)
		(Brocher genes & Predatorishir-1)	70532	Astro Physics & Space Sci. Paper – V (Celestial Mechanics)
Friday	63609	Electronics Paper- VI (Introduction to Microprocessor)	63607	Geology Paper- VI (Igneous Petrology)
17/11/2017	63621	Biochemistry Optional Paper- VI	63608	Microbiology Paper- VI (Microbial genetic)
	03021	(Nutrition & Metabolism - II)	70532	Astro Physics & Space Sci. Paper – VI
		(Tradition & Frieddonism - 11)	10552	Astro Physics & Space Sci. Paper – VI (Introductory Quantum Mechanics)

Draft Programme B. Sc Semester Oct/Nov- 2017 Sem - IV

# $\label{eq:PageNo-04} Page\ No-04$ B. Sc Part – II Semester – IV (University Examination)

Day & Date	Subject Code No.	Time: 12:00 to 02:00 PM	Subject Code No.	Time: 03:00 to 05:00 PM
Monday 20/11/2017	63703	Chemistry Paper – VII (Physical Chemistry)	63711	Computer Science Paper – VII (Relational Database Management – Systems)
Tuesday 21/11/2017	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)
			63715	Biochemistry Paper – III (IDS) (Biochemical Techniques & Bioinformatics)
Wednesday 22/11/2017	63702	Physics Paper – VII (Optics and Lasers)	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)
			63714	Plant Protection Paper – IV (Insect Pest and their Management)
		Physics Paper – VIII (Relativity and Modern Physics)	63715	Biochemistry Paper – IV (IDS) (Molecular Biology & Biotechnology)
<u>Thursday</u> 23/11/2017	63702		63716	Fisheries Paper- IV (Aquaculture)
25/11/2017			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>Friday</u>	63705	Zoology Paper – VII (Animal Diversity - IV)	63712	Seed Technology Paper – VII (Seed Testing)
<u>24/11/2017</u>	63706	Statistics Paper – VII (Probability Distributions – II )	63713	Astro Physics Paper – III (Galaxies and Universe)
			63718	Pollution Paper – III (Air Pollution)
	63705	Zoology Paper – VIII (Histology and Physiology)	63712	Seed Technology Paper – VIII (Seed Quality Control)
Saturday 25/11/2017	63706	Statistics Paper- VIII	63713	Astro Physics Paper – IV (Cosmic Electroctynamics)
		(Statistical Methods ) – II	63718	Pollution Paper – IV (Water Pollution – II)
Monday 27/11/2017	63704	Botany Paper- VII (Pteridophytes Gymnosperms, Angiosperms & Anatomy)	63701	Mathematics Paper- VII (Integral Calculus)
<u>Tuesday</u> 28/11/2017	63704	Botany Paper- VIII (Cytogenesis & Vitalization of Plant Resources)	63701	Mathematics Paper- VIII (Discrete Mathematics)
Wednesday	63709	Electronics Paper- VII (Linear and Wave Shaping Circuits)	63707	Geology Paper- VII (Structural Geology Photo geology and
29/11/2017	63622	Bio-Chemistry (Opt.) Paper- VII (BHC-401-Molecular Biology)	63708	Hydrogeology )  Microbiology Paper- VII (Fundamentals of industrial Microbiology Biostatistics and Bioinformatics)
Thursday 30/11/2017	63709	Electronics Paper- VIII (Microprocessor interfacing and Microcontroller 8051)	63707	Geology Paper- VIII (Sedimentary and Metamorphic Petrology)
30/11/2017	63622	Bio-Chemistry (Opt) Paper- VIII (BHC-402- Biotechnology and Bioinformatics)	63708	Microbiology Paper- VIII Basics of Immunology and Medical Microbiology)

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

Day & Date	Subject Code No.	Time: 12:00 Noon to 02:00 PM
Tuesday 10/10/2017	65802	Physics Paper – IX     (Mathematical and Statistical Physics)
	65823	2. Chemistry Paper – IX (Physical Chemistry)
	65836	3. Botany Paper – IX (Under Restructured Course )
	65848	<ul> <li>( Biology of Non- Vascular Plants and Palaeobotany)</li> <li>4. Zoology Paper- IX</li> <li>(Under Restructured Course )</li> <li>( Functional Anatomy of Non Chordates)</li> </ul>
	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 (Opt/Voc) (Biochemical Techniques)
	65960	14. Fisheries Paper- V (Fishery Biology – II Aquaculture)
	66587	15. Bio-Chemistry Paper - IX (BHC-501 - Molecular Biology)

 $\label{eq:pageNo-06} Page\ No-06$  B. Sc Part – III Semester – V (University Examination)

Day &	Subject	Time: 12:00 Noon to 02:00 PM
Day & Date	Code No.	1 mic. 12.00 100ii tu 02.00 1 iyi
Wednesday	Code 110.	
11/10/2017	65803	1. Physics Paper – X (Quantum Mechanics)
		(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 Misinformation)
	66588	15. Bio-Chemistry (BHC-502-Cell Biology)

Draft Programme B.Sc Semester Oct/Nov- 2017 Sem - V

## Page No – 07 B.Sc Part – III Semester – V (University Examination)

Day &	Subject	Time: 12:00 Noon to 02:00 PM
Day & Date	Code No.	Time: 12.00 10001 to 02.00 1101
Thursday 12/10/2017	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 (OPT/Voc) (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)

 $\label{eq:pageNo-08} Page\ No-08$  B.Sc Part – III Semester – V (University Examination)

Day &	Subject	Time: 12:00 Noon to 02:00 PM
Date	Code No.	
Friday 13/10/2017	65805	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. Math's Paper- XII (Numerical Methods – I)
	65561	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 (OPT/VOC) (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)
<u>Saturday</u>	66886	1. English (Compulsory)
14/10/2017		(English For Communication)

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## 1) New Pattern Fresh Students Form Oct/Nov 2017 B. Sc Part – III Semester – VI (University Examination)

Day &	Subject	Time: 12:00 Noon to 02:00 PM
Day & Date	Code No.	1 IIIIC. 12.00 1400II 10 02;00 F19I
Wednesday	65807	1. Physics Paper - XIII
04/10/2017		(Nuclear and Particle Physics)
	(5020	2 Chamistan Baran VIII
	65830	2. Chemistry Paper – XIII (Physical Chemistry)
		(Thysical Chemistry)
	65842	3. Botany Paper – XIII
		(Biology of Vascular Plants)
	65853	4. Zoology Paper – XIII
	02022	(Comparative Anatomy of Vertebrates )
	65879	5. Mathematics Paper – XIII
		(Metric Spaces)
	65864	6. Statistics Paper – XIII
		(Probability Theory)
	<b>65010</b>	
	65919	7. Geology Paper – I (Proterizoic Stratigraphy of India)
		(Froterizote Stratigraphy of India)
	65897	8. Microbiology Paper – XIII
		(Microbial Genetics)
	65818	9. Electronics Paper- XIII
	05010	(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	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	66040	12. Industrial Microbiology Paper - XIII (Environmental Pollution and Control)
		(Environmental Fonation and Condo)
	66062	13. Bio-Technology Paper – XIII (OPT/VOC)
		(Plant Bio-Technology)
	65969	14. Fisheries Paper- VII
	03707	(Marine Biology and Fisheries)
	66592	15. Bio-Chemistry Paper – XIII
		(BHC-601 - Neurochemistry)

Draft Programme B.Sc Semester Oct/Nov- 2017 Sem - VI

# $\label{eq:pageNo-10} Page\ No-10 \\ B.\ Sc\ Part-III\ Semester-VI\ (University\ Examination)$

	1	
Day &	Subject	Time: 12:00 Noon to 02:00 PM
Date	Code No.	1 Dhysics Donos, VIV
<u>Thursday</u> 05/10/2017	65808	1. Physics Paper - XIV (Energy Studies and Materials Science)
03/10/2017		(Energy Studies and Waterials Science)
	65831	2. Chemistry Paper – XIV
		(Inorganic Chemistry)
	65843	3. Botany Paper – XIV
		(Microbiology and Plants Pathology)
	<505.4	A.Z. I. D. WILL
	65854	4. Zoology Paper – XIV
		(Development Biology)
	65880	5. Mathematics Paper- XIV
	02000	(Linear Algebra)
		(======================================
	65865	6. Statistics Paper – XIV
		(Statistical Inference - II )
	65920	7. Geology Paper- XIV
		(Paleozoic Stratigraphy of India)
	65898	8. Microbiology Paper- XIV
	03070	(Microbial Biochemistry)
		(Microbial Biochemistry)
	65819	9. Electronics Paper- XIV
		(Communication Systems – II )
	65909	10. Computer Science Paper – XIV
		(Java Programming)
	66018	11 Food Science & Quality Control Depar VIV
	00018	11. Food Science & Quality Control Paper- XIV (Technology of Meat, Fish & Poetry Products)
		(Technology of Meat, 11sh & Foch y Froducts)
	66041	12. Industrial Microbiology Paper- XIV
		(Application of Bio-Technology)
	66063	13. Bio-Technology Paper- XIV (OPT/VOC)
		(Environmental Bio-Technology)
	(F0F0	14 E'day'y Day y
	65970	14. Fisheries Paper – VIII  (Fish Pathology and Fishery Technology)
		(Fish Pathology and Fishery Technology)
	66593	15. Bio-Chemistry Paper- XIV
	00070	(BHC- 602 – Cancer Biology)
	<u> </u>	(Dire 502 – Cancer Diology)

# $\label{eq:page_No_11} Page\ No-11$ B. Sc Part – III Semester – VI (University Examination)

Day &	Subject	Time: 12:00 Noon to 02:00 PM
Date	Code No.	
Friday 06/10/2017	65809	Physics Paper- XV     (Electrodynamics and Electromagnetic Waves)
	65832	2. Chemistry Paper- XV (Organic Chemistry)
	65844	3. Botany Paper- XV
		(Plants breeding Biostystistics Ethno Botany and Horticulture)
	65855	4. Zoology Paper- XV (Physiology)
	65881	5. Mathematics Paper- XV (Complex Analysis)
	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 (OPT/VOC) 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 (BHC-603 Clinical Bio-Chemistry)

Draft Programme B.Sc Semester Oct/Nov- 2017 Sem - VI

# $\label{eq:pageNo-12} {\bf B.Sc~Part-III~Semester-VI~(University~Examination)}$

1. Physics Paper- XVI	Day & Date	Subject Code No.	Time: 12:00 Noon to 02:00 PM
(Solid State Physics )			1. Physics 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)  13. Plant Protection Paper – VIII (Laboratory Techniques in Plant Protection)  66065  14. Bio-Technology Paper- XVI (OPT/VOC) (Gene Biotechnology and Bioinformatics)  15. Pollution Paper – VIII (Monitoring and Control of Pollution)  65982  15. Pollution Paper – VIII (Seed Farm Management and Marketing)  16. Seed Technology Paper – XVI (BHC-604 Fermentation Technology)  Monday  65806  English (Compulsory)		00010	
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 (Food Packaging Technology) 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 (OPT/VOC) (Gene Biotechnology and Bioinformatics) 65982 15. Pollution Paper – VIII (Monitoring and Control of Pollution) 65944 16. Seed Technology Paper – XVI (BHC-604 Fermentation Technology) 65896 17. Bio-Chemistry Paper – XVI (BHC-604 Fermentation Technology)		65833	
(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 (OPT/VOC) (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)  65955 17. Bio-Chemistry Paper — XVI (BHC-604 Fermentation Technology)			(Timely lear chemistry)
(Applied Zoology)  65883		65845	
(Applied Zoology)  65883		65856	4. Zoology 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 (OPT/VOC) (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)  17. Bio-Chemistry Paper – XVI (BHC-604 Fermentation Technology)		02020	• • •
(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 (OPT/VOC) (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)  6595 17. Bio-Chemistry Paper – XVI (BHC-604 Fermentation Technology)		65883	
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 (OPT/VOC) (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)  6595 17. Bio-Chemistry Paper – XVI (BHC-604 Fermentation Technology)		65867	<u> </u>
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Monday 65806 (BHC-604 Fermentation Technology)  English (Compulsory)		65944	
			(BHC-604 Fermentation Technology)
	Monday 09/10/2017	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 /08 /2017**  Shri. M.A. Kakade Director Board of Examination and Evaluation