



SHIVAJI UNIVERSITY, KOLHAPUR

Draft Programme Circular No 866 Exam of March/April 2020

Faculty: Science and Technology

Course: B.Sc (Course Code 286) part-I Sem-I & II Examination to be held in March/April 2020.

INSTRUCTIONS: Common Instruction as per Circular No. SU/On Exam/ 29-01/02/2020 dated and also available on University Website WWW.unishivaji.ac.in

1	C.B.C.S. Pattern Sem – I syllabus only for fresh (Regular) students from October, 2018 Last chance for old syllabus is upto March 2019
2	C.B.C.S. Pattern Sem – II syllabus only for fresh (Regular) students from March, 2019 Last chance for old syllabus is upto October 2019

The **Centers and Places** of the Examination are as follows.

KOLHAPUR DISTRICT

Sr. No.	Centre Name	Centre Code	College Abbreviation	College Code	Place
1	KOLHAPUR	03	GKG	260	Gopal Krishna Gokhale College
			NCK	30	The New College (Shivaji Peth)
			R	31	Rajaram College
			SHAHU	32	Rajarshri Chh. Shahu College (Sadar Bazar)
			V	01	Vivekanand College (Tarabai Park)
			SSCM	34	Shri. Shahaji Chhatrapati Mahavidyalaya
			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 later)
18	ASURLE PORLE	502	ASURLE PROLE	377	Arts, Commerce and Science College
19	KARVE	723	KARVE	427	V.K.Chavan Patil Arts, Comm and Science College
20	GAGANBAWADA	725	ANNDI	429	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
25	KAGAL	26	DRM	60	D.R. Mane Arts and Commerce College
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	-----	SHOKOR	613	Shri Shobhatai Kore Warana Mahavidyalaya
30	SARVADE	36	PARMOR	611	Parvatibai More Mahila Maha Arts Comm & Science
31	PANORE	984	PANORE	512	Lahu Bala Paritkar Arts Comm & Science
32	Mooje Kapashi	-----	MAGASC	618	Majaor Anandrao Ghatge A S.& Sci. College Mooje Kapashi.
33	WAKARE		WAKARE		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

(SANGLI DISTRICT)

Sr. No.	Centre Name	Centre Code	College Abbreviation	College Code	Place
1	SANGLI	11	ASCS	73	Dr. Patangrao Kadam Mahavidyalaya Sangalwadi
			KWS	78	Smt.Kasturbai Walchand College of Arts and Science
			WDN	80	Willingdon College
2	MIRAJ	40	M	83	Shikshan Maharshi Dr. Bapuji Salunkhe Mahavidyalaya
			MIRAJ	84	Miraj Mahavidyalaya Miraj
3	VITA	41	BAL	83	Balwant College Vita
			HPMV	261	Adarsha College Vita
4	URUN-ISLAMPUR	42	KMU	88	Smt.Kusumtai R Patil Kanya Mahavidyalaya
			U	90	Karmveer Bhaurao Patil College
5	TASGAON	43	T	92	Padm. Dr. 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 MAHANKAL	46	KVT	95	Padmbhushan Vasantraodada Patil Mahavidyalaya
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
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	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
			YCSK	158	Y.C. College of Science Karad
4	KHATAV	74	SRK	152	Shahajiraje Mahavidyalaya
5	PATAN	75	BD	159	Balasaheb Desai College Patan
			VDDS	490	Smt. Vijayadevi Desai Senior College
6	WAI	77	WAI	161	Kisan Veer Mahavidyalaya
			MMW	376	Bhimrao Shinde Arts, Commerce and Science Mahila Mahavidyalaya
7	KOREGAON	78	KOR	162	D.P. Bhosale College
8	DAHIWADI	80	DAH	164	Dahiwadi College Dahiwadi
9	LONAND	81	LON	165	Sharadchandra Pawar College
10	RETHARE (BK)	84	KMR	168	Krishna mahavidyalaya
11	MEDHA	87	ACMED	170	Amdar Shashikant Shinde Mahavidyalaya
12	RAHIMATPUR	88	RAHI	172	S.M. Shankarrao Mohite Patil Mahavidyalaya
13	AUNDH	89	AUNDHI	173	Raja Shripatrao Bhagawantrao Mahavidyalaya
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

B. Sc Part – I Semester – I (College Examination)

Day & Date	Subject Code No.	Time: 12:00 to 02:00 PM	Subject Code No.	Time: 03:00 to 05:00 PM
<u>Wednesday</u> 15/04/2020	59673	English Paper – I (English for Communication)	-----	-----
<u>Thursday</u> 16/04/2020	59676	Chemistry Paper – I (Physical Chemistry)	59668	Computer Science Paper – I (Introduction to Computers & Modern Operating Environment)
<u>Friday</u> 17/04/2020	59676	Chemistry Paper – II (Inorganic Chemistry)	59668	Computer Science Paper – II (Introduction to Programming in “C”)
<u>Saturday</u> 18/04/2020	59675	Physics Paper – I (Mechanics and Properties of Matter)	59670	Bio-Technology (Opt./Voc.) Paper-I (Basic of Biotechnology – I)
			59850	Industrial Microbiology Paper – I (Fundamentals of Industrial Microbiology)
<u>Monday</u> 20/04/2020	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)
<u>Tuesday</u> 21/04/2020	59678	Zoology Paper – I (Animal Diversity – I)	55738	Seed Technology - I (Seed Development & Morphology)
	59679	Statistics Paper- I (Descriptive Statistics- I)	59669	Bio-Chemistry Paper-I (Opt) (Bimolecules-I)
<u>Wednesday</u> 22/04/2020	59678	Zoology Paper- II (Cell Biology and Genetics)	55738	Seed Technology – II (Plant Breeding)
	59679	Statistics Paper- II (Elementary Probability Theory)	59669	Bio-Chemistry Paper- II (Opt) (Bio-chemical Techniques-I)
<u>Thursday</u> 23/04/2020	59677	Botany Paper-I (Diversity in Non Vascular Plants)	59674	Mathematics Paper- I (Complex Numbers and Algebra)
<u>Friday</u> 24/04/2020	59677	Botany Paper –II (Plant Biochemistry, Physiology and Ecology)	59674	Mathematics Paper – II (Calculus)
<u>Monday</u> 27/04/2020	59666	Electronics Paper- I (Basic Electronics)	59664	Geology Paper- I (General Geology)
	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)
			68273	Nano Technology Paper – I (Introduction to Nanoscience and Nanotechnology)
<u>Tuesday</u> 28/04/2020	59666	Electronics Paper- II (Semi Conductor Devices)	59664	Geology Paper- II (Mineralogy and Crystallography)
	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)
			68273	Nano Technology Paper – II (Physico-chemical aspects of Nanoscience & technology)

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
<u>Thursday</u> 30/04/2020	59680	English Paper – II (English for Communication)	-----	-----
<u>Saturday</u> 02/05/2020	59683	Chemistry Paper – III (Organic Chemistry)	59691	Computer Science Paper –III (Introduction Databases & HTML)
<u>Monday</u> 04/05/2020	59683	Chemistry Paper- IV (Industrial Chemistry)	59691	Computer Science Paper- IV (Programming Techniques Using “C”)
<u>Tuesday</u> 05/05/2020	59682	Physics Paper- III (Kinetic theory of Gases, Heat and Thermodynamics)	59693	Bio-Technology (Opt/Voc) Paper- III (Cell Biology & Genetics)
			59851	Industrial Microbiology Paper- III (Fermented Design & Instrumentation)
<u>Wednesday</u> 06/05/2020	59682	Physics Paper- IV (Electricity Magnetism and Basic Electronics)	59693	Bio-Technology (Opt/Voc) Paper – IV (Microbiology)
			59851	Industrial Microbiology Paper- IV (Fermentation Techniques)
<u>Friday</u> 08/05/2020	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)
<u>Saturday</u> 09/05/2020	59685	Zoology Paper- IV (Ecology, Ethnology, 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)
<u>Monday</u> 11/05/2020	59684	Botany Paper- III (Diversity in Vascular Plants)	59681	Mathematics Paper- III (Geometry)
<u>Tuesday</u> 12/05/2020	59684	Botany Paper- IV (Cytology Genetics & Utilization of Plant)	59681	Mathematics Paper- IV (Differential Equations)
<u>Wednesday</u> 13/05/2020	59689	Electronics Paper- III (Basics Digital Electronics-I)	59687	Geology Paper- III (Physical Geology)
	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)	68828	Nano –Technology Paper No- III (NT – 103 T) Synthesis Techniques
68829			Astro Physic & Space Science Paper- III (Introduction to space Science)	
<u>Thursday</u> 14/05/2020	59689	Electronics Paper- IV (Electronic Circuits- II)	59687	Geology Paper- IV (Petrology)
	59690	Geography Paper- IV (Oceanography)	59688	Microbiology Paper- IV (Applied Microbiology)
	59695	Food Science and Quality Control Paper- IV (Nutrition Science)	68828	Nano –Technology Paper No- IV (NT – 104 T) (Basic Characterization Technique)
68829			Astro -Physics & Space Science P- IV (Experimental Techniques in Astronomy)	

N.B.:

The practical Examination in “Skill” at Optional Physical Education, N.C.C. Music, Home Science will be conducted in the Colleges before the commencement of Theory Examination.