



Swami Ramanand Teerth Marathwada University, Nanded.

Examination Programme

B.A. III Semester (Theory + MCQ) & IV Semester (MCQ) Examination Winter – 2015

The Examination shall be held on days & dates mentioned below all Centres simultaneously.

Time: III Semester : 10:00 am to 12:00 noon

IV Semester : VII Paper : 02:00 pm to 03:00 pm

VIII Paper : 04:00 pm to 05:00 pm

Sr.No.	Subject & Paper No.	Sr.No.	Subject & Paper No.
THURSDAY 17.12.2015			
	B.A. III Semester		B.A. IV Semester
	HISTORY		HISTORY
391	His of Mediaeval India(1526-1707)-V OR	397	History of Med.Indian (1526-1707 - VII OR
392	His of Ambedkari Move (1891-1994) - V	398	Hist. of Ambedkari Movement(1891-1994)
	SOCIOLOGY		SOCIOLOGY
393	Indian Society: Structure and Change – V	399	Social Problems in Contemporary India– VII
	PSYCHOLOGY		PSYCHOLOGY
394	Adjustment of psychology – VI	400	Psychology for Living – VIII (2:00 pm to 03:00 pm)
	MILITARY SCIENCE		MILITARY SCIENCE
395	Defense Organization of India – V	401	Defense Organization of India – VII
	STATISTICS		STATISTICS
396	(230) Continuous Pro. Distribution – VI	402	(232) Sampling Distributions – VIII
			B.A. IV Semester
			HISTORY
		403	History of British India (1757-1857)-VIII OR
		404	History of Maratha (1707-1808) – VIII
			SOCIOLOGY
		405	Human Rights & Society – VIII
			PSYCHOLOGY
		406	Psychological Testing and Statistics – IX (4:00 pm to 05:00 pm)
			STATISTICS
		407	(234) Statistical Inference –IX
FRIDAY 18.12.2015			
	B.A. III Semester		B.A. IV Semester
	HISTORY		POLITICAL SCIENCE
408	History of British India (1757-1857AD)VI OR	413	Indian Government & Politics – VII
409	History of Maratha(1630-1707AD) - VI		GEOGRAPHY
	SOCIOLOGY	414	Geography of Maharashtra–VIII (2:00 pm to 03:00 pm)
410	Transformative Movements in India – VI		

411	PSYCHOLOGY Psychological testing & Statistics – VII	415	MATHEMATICS (239) Ordin Differential Equation –(Old) – X
412	STATISTICS (236) Applied Statistics – VII	416	(240) Analysis – (Rev)
		417	HUMAN RIGHTS Human Right & Women Empowerment-VII
		418	MUSIC Indian Classical Music (Vocal & Inst)-VII OR
		419	Indian Classical Music (Tabla) – VII
		420	NATYAKALA Natyashata Saidhattik – VII
			B.A. IV Semester
		421	POLITICAL SCIENCE International Relations – VIII
		422	GEOGRAPHY Population Geography - IX OR
		423	Geo. & Health – IX (4:00 pm to 05:00 pm)
		424	HUMAN RIGHTS Human Right & Vulnerable Group – VIII
		425	MATHEMATICS (242) Ring Theory–(Old) – X
		426	(243) Ring Theory – (Rev)
SATURDAY 19.12.2015			
427	B.A. III Semester SECOND LANGUAGES Hindi	435	B.A. IV Semester English (Compulsory) (02:00 pm to 03:00 pm)
428	Marathi		
429	Urdu		
430	Sanskrit		
431	Pali		
432	Additional English		
433	Kannada		
434	Russian		
MONDAY 21.12.2015			
436	B.A. III Semester English (Compulsory)	437	B.A. IV Semester SECOND LANGUAGES (02:00 pm to 03:00 pm)
		438	Hindi
		439	Marathi
		440	Urdu
		441	Sanskrit
		442	Pali
		443	Additional English
		444	Kannada
			Russian

TUESDAY 22.12.2015			
445	B.A. III Semester POLITICAL SCIENCE Indian Govt. & Politics – V	452	B.A. IV Semester MARATHI Adhunik Wang Prakar (Kadhambari)-VII
446	GEOGRAPHY Human Geography – VI	453	HINDI Adhunik Kavita – VII
447	MATHEMATICS (263) Real Analysis – VI Old) (264) Real Analysis – VI (Rev)	454	KANNADA Medieval Kannada Literature – VII
448	HUMAN RIGHTS Human Rights & Women Empower – V	455	URDU Khaka Aur Swanah Nigari – VII
449	MUSIC Indian Class Music (Vocal & Instr) V OR	456	B.A. IV Semester MARATHI Madhya. Gadhya Padhancha Abhayas -VIII
450	Indian Classical Music Tabla Percuss – V	457	HINDI Nibandh Tatha Kathettar Gadhya – VIII
451	NATYASHASTRA Natyashastra Saidhantik – V	458	KANNADA Medieval Kannada Lite. & Comp. – VIII
		459	URDU Nazm Aur Jadeed Gazal – VIII
WEDNESDAY 23.12.2015			
460	B.A. III Semester POLITICAL SCIENCE International Relations – VI	466	B.A. IV Semester ENGLISH Study Of Poetry – VII
461	MATHEMATICS (268) Group Theory – VII (Rev)	467	PALI Sanyukta Nikhya Pali & Dhammapad – VII
462	(269) Group Theory – VII (Old)	468	SANSKRIT Vyakaranm – VII
463	HUMAN RIGHTS Human Rights and Vulnerable Groups – VI	469	B.A. IV Semester ENGLISH Study of Prose – VIII
464	GEOGRAPHY Economic Geography –VII OR	470	PALI Anguttar Nikhya & Dhammapad – VIII
465	Geography of Resources – VII	471	SANSKRIT Gadhya Vaibhavam – VIII
SATURDAY 26.12.2015			
472	B.A. III Semester MARATHI Adhunik Wangma Prakar (Atamachritra) – V	476	B.A. IV Semester PUBLIC ADMINISTRATION Office Administration – VII
473	HINDI Madhyaugin tha Adhunik Kavita – V	477	ECONOMICS Banking – VII
474	KANNADA Medieval Kannada Literature Prose – V	478	PHILOSOPHY Research Methodology–VII
475	URDU Inshaiya Aur Drama – V	479	HOME SCIENCE Family Res. Mgmt. App.Art & Int. Deco. -VII
		480	PHYSICAL EDUCATION Health & Physical Education– VII

		481	MASS COMM. & JOURNALISM Public Relation – VII
		482	B.A. IV Semester PUBLIC ADMINISTRATION District Administration – VIII
		483	PHILOSOPHY Modern Western Philosophy – VIII OR
		484	Indian Ethics – VIII
		485	ECONOMICS Devep. & Environmental Eco.-VIII OR
		486	Statistical Methods – VIII
MONDAY 28.12.2015			
487	B.A. III Semester MARATHI Adhunik Wangmay Prakar (Natak) – VI	491	B.A. IV Semester EDUCATION Contemporary Indian Education – VII
488	HINDI Nibandh Tatha Kathettar Gadhya – VI		
489	KANNADA Kannada Culture & Criticism – VI	492	B.A. IV Semester EDUCATION Educational Thinker & Psychologists – VIII
490	URDU Marshiya Aur Rubai – VI		
TUESDAY 29.12.2015			
493	B.A. III Semester ENGLISH Study of Poetry –Sonnets & elegy - V	496	B.A. IV Semester FUNCTIONAL ENGLISH Communication Skills– VII
494	PALI Sanyuka nikay pali & Dhampad – V	497	INFORMATION TECHNOLOGY (307) Computer Network – VIII
495	SANSKRIT Kavyam – V	498	DOMESTIC ANIMAL FARMING Poultry Production – VIII
		499	B.A. IV Semester FUNCTIONAL ENGLISH Oral Communication – VIII
		500	INFORMATION TECHNOLOGY (308) Programming in Java – IX
		501	DOMESTIC ANIMAL FARMING Animal Diseases and Control – I
WEDNESDAY 30.12.2015			
502	B.A. III Semester ENGLISH Study of Prose (Essays)– VI	505	B.A. IV Semester COMPUTER SCIENCE (310)APL Using 8086 Microprocessor –VIII
503	PALI Angttarnnikay pali & Khudakpath– VI		
504	SANSKRIT Dharmshashtra – VI	506	B.A. IV Semester COMPUTER SCIENCE (311) Programming in Java – IX

THURSDAY 31.12.2015			
507	B.A. III Semester PUBLIC ADMINISTRATION Personnel Administration – V	514	B.A. IV Semester MATHEMATICS (314) Calculus of Severance Var. – XI (Old)
508	ECONOMICS Macro Economics (Compulsory) – V	515	(315) Partial Differential Equ –XII (Rev)
509	PHILOSOPHY Inductive Logic – V		
510	HOME SCIENCE Introduction to Nutrition – V		
511	PHYSICAL EDUCATION Basic Science of Physical Education – V		
512	LIBRARY & INFORMATION SCI. Classification Theory – V		
513	MASS COMM. & JOURNALISM Development Journalism & Comm. – V		
FRIDAY 01.01.2016			
517	B.A. III Semester PUBLIC ADMINISTRATION State Govt. & Administration – VI		
518	PHILOSOPHY Greek Philosophy – VI OR		
519	Modern Indian thoughts – VI		
520	ECONOMICS Economics of Devp. & Planning – VI OR		
521	Statistical Methods – VI		
522	LIBRARY & INFORMATION SCIENCE Classification Theory – VI(Old)		
SATURDAY 02.01.2016			
523	B.A. III Semester EDUCATION Development of Education in India-V		
524	FUNCTIONAL ENGLISH Communication Skills – V		
525	DOMESTIC ANIMAL FARMING Animal Nutrition & Animal Feeding – VI		
MONDAY 04.01.2016			
526	B.A. III Semester EDUCATION Educational Technology-VI		
527	FUNCTIONAL ENGLISH Oral Communication – VI		
528	DOMESTIC ANIMAL FARMING Soils, Fertilizers, Forage Production– VII		

TUESDAY 05.01.2016			
529	B.A. III Semester INFORMATION TECHNOLOGY (107)Programming in C++ - VI		
WEDNESDAY 06.01.2016			
530	B.A. III Semester INFORMATION TECHNOLOGY (108)Operating System – VII		
THURSDAY 07.01.2016			
531 532	B.A. III Semester MATHEMATICS (110) Number theory- VIII-(Old) (111)Ordinary differential Equ.- VIII (Rev)		
FRIDAY 08.01.2016			
533	B.A. III Semester COMPUTER SCIENCE (113) Digital Electronics & 8085 Microprocessor – VI		
SATURDAY 09.01.2016			
534	B.A. III Semester COMPUTER SCIENCE (114) Programming in C++ – VII		
<i>Controller of Examinations</i>			

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED.

EXAMINATION PROGRAMME

B.Sc. III & IV Semester (MCQ Pattern) Winter Examination – 2015

The Examination shall be held on days & dates mentioned below at all Centres simultaneously.

Time: III Semester : (Theory + MCQ Pattern) 10:00 am to 12:00 noon

IV Semester : VIII Paper :02:00 pm to 03:00 pm & IX Paper 04:00 pm to 05:00 pm

Sr. No.	Subject & Paper No.	Day & Date	Sr. No.	Subject & Paper No.
THURSDAY 17.12.2015				
	B.Sc. III Semester STATISTICS			B.Sc. IV Semester STATISTICS
230	Continuous Probability Distributions – VI		232	Sampling Distributions – VIII
	MICROBIOLOGY		233	Food Soil Microbiology & Microbial Ecology – VIII
231	Applied Microbiology – VI			B.Sc. IV Semester STATISTICS
			234	Statistical Inference – IX
				MICROBIOLOGY
			235	Medical Microbiology – IX
FRIDAY 18.12.2015				
	B.Sc. III Semester STATISTICS			B.Sc. IV Semester BOTANY
236	Applied Statistics – VII		238	Gymnosperms & Palaebotany – VIII
	MICROBIOLOGY			MATHEMATICS
237	Immunology – VII		239	Ordinary Differential Equations –IX (Old)
			240	Analysis – II (Rev) (02:00 pm to 03:00 pm)
				B.Sc. IV Semester BOTANY
			241	Ecology & Environmental Biology – IX
				MATHEMATICS
			242	Ring Theory (MT 205) – X (Old) (04:00 pm to 05:00 pm)
			243	Ring Theory- (Rev)
SATURDAY 19.12.2015				
	B.Sc. III Semester SECOND LANGUAGE			B.Sc. IV Semester
244	(427) Hindi		252	(435) English (Compulsory)
245	(428) Marathi			
246	(429) Urdu			

247	(430) Sanskrit		
248	(431) Pali		
249	(432) Additional English		
250	(433) Kannada		
251	(434) Russian		
MONDAY 21.12.2015			
253	B.Sc. III Semester (436) English (Compulsory)		B.Sc. IV Semester SECOND LANGUAGE (02:00 pm to 03:00 pm)
		254	(437) Hindi
		255	(438) Marathi
		256	(439) Urdu
		257	(440) Sanskrit
		258	(441) Pali
		259	(442) Additional English
		260	(443) Kannada
		261	(444) Russian
TUESDAY 22.12.2015			
262	B.Sc. III Semester BOTANY Morphology and Taxonomy of Angiosperms VI	265	B.Sc. IV Semester CHEMISTRY Organic & Inorganic Chemistry – VIII
263	MATHEMATICS *CANCELLED*	266	B.Sc. IV Semester CHEMISTRY Physical & Inorganic Chemistry – IX
264	Real Analysis I (Rev)		
WEDNESDAY 23.12.2015			
267	B.Sc. III Semester BOTANY Histology, Anatomy & Embryology of Angiosperms – VII	270	B.Sc. IV Semester BIOPHYSICS Physiological Biophysics – VIII
268	MATHEMATICS Group Theory – VII (Rev)		B.Sc. IV Semester BIOPHYSICS
269	*CANCELLED*	271	Molecular Enzymology – IX

SATURDAY 26.12.2015**B.Sc. III Semester
CHEMISTRY**

272 Organic Chemistry + Inorganic
Chemistry – VI

**B.Sc. IV Semester
PHYSICS**

273 Optics & Lasers (Phy 221) – VIII

ZOOLOGY

274 Genetic Engineering and Evolution – VIII

**B.Sc. IV Semester
PHYSICS**

275 Basic Electronics (Phy 222) – IX

ZOOLOGY

276 Endocrinology, Histology and
Biochemistry – IX

MONDAY 28.12.2015**B.Sc. III Semester
CHEMISTRY**

277 Physical Chemistry + Inorganic
Chemistry – VII

**B.Sc. IV Semester
COMPUTER APPLICATION**

278 MS Word 2003 – VIII

GEOLOGY

279 Structural Geology – VIII

ANALYTICAL CHEMISTRY

280 Inorganic and Organic Analysis – II – VIII

AGROCHEMICAL AND FERTILIZERS

281 Manures & Organic Farming – VIII

ENVIRONMENTAL SCIENCE

282 Applied Environmental Microbiology (Env
203) – VIII

HORTICULTURE

283 Ornamental and Landscape Gardening – VIII

FISHERY SCIENCE

284 Fish Anatomy, Physiology and Fish
Microbiology – VIII

DYES AND DRUGS

285 Synthesis and Application of Methane,
Anthraquinone, Xanthenes and Heterocyclic
Dyes – VIII

	INDUSTRIAL CHEMISTRY
286	Unit Operation – IV – VIII
	DAIRY SCIENCE
287	Forage Production Feeds & Feeding-VIII
	AGRICULTURAL MICROBIOLOGY
288	Food Microbiology, Soil Microbiology and Microbial Ecology – VIII
	BIOTECHNOLOGY
289	Immunology & Animal Cell Culture (VBT-108) – VIII
	INDUSTRIAL MICROBIOLOGY
290	Paper – VIII
	ELECTRONICS
291	Op-Amps and Its Applications& some Specialized IC's – VIII
	B.Sc. IV Semester
	COMPUTER APPLICATION
292	MS Excel & Power Point – IX
	GEOLOGY
293	Sedimentary & Metamorphic Petrology – IX
	ANALYTICAL CHEMISTRY
294	Instrumental Methods of Chemical Analysis – IX
	AGROCHEMICAL AND FERTILIZERS
295	Plant Diseases & Fungicides – IX
	ENVIRONMENTAL SCIENCE
296	Air & Noise Pollution Control– IX
	HORTICULTURE
297	Commercial Floriculture– IX
	FISHERY SCIENCE
298	Fish Technology & Processing– IX
	DYES AND DRUGS
299	Synthesis & Application of Chemotherapeutic Drugs – IX
	INDUSTRIAL CHEMISTRY
300	Pollution Monitoring & Control – IX
	DAIRY SCIENCE
301	Animal Breeding – IX
	AGRICULTURAL MICROBIOLOGY
302	Mgmt. of Crop Plant Diseases – IX
	BIOTECHNOLOGY
303	Recombinant DNA Technology- IX

		304	INDUSTRIAL MICROBIOLOGY Paper – IX
		305	ELECTRONICS Microprocessor Interfacing – IX
TUESDAY 29.12.2015			
306	B.Sc. III Semester BIOPHYSICS Membrane Biophysics – VI	307	B.Sc. IV Semester INFORMATION TECHNOLOGY Computer Network – VIII
		308	B.Sc. IV Semester INFORMATION TECHNOLOGY Programming in Java – IX
WEDNESDAY 30.12.2015			
309	B.Sc. III Semester BIOPHYSICS Molecular Biology – VII	310	B.Sc. IV Semester COMPUTER SCIENCE ALP using 8086 Microprocessor – VIII
		311	B.Sc. IV Semester COMPUTER SCIENCE Programming in Java – IX
THURSDAY 31.12.2015			
312	B.Sc. III Semester PHYSICS Waves, Oscillations & Acoustics – VI	314	B.Sc. IV Semester MATHEMATICS Calculus of Several Variables – XI -(Old) (10:00 am to 11:00 am)
313	ZOOLOGY Genetics – VI	315	Partial Differential Equation –(Rev) (10:00 am to 11:00 am)
FRIDAY 01.01.2016			
316	B.Sc. III Semester PHYSICS Statistical Physics, Electromagnetic Theory & Relativity – VII		
317	ZOOLOGY Comparative Anatomy and Physiology – VII		
SATURDAY 02.01.2016			
318	B.Sc. III Semester COMPUTER APPLICATION Programming in C – VI		
319	GEOLOGY Optical & Descriptive Mineralogy – VI		

ANALYTICAL CHEMISTRY

320 Inorganic and Organic Analysis – 1 – VI

**AGROCHEMICAL AND
FERTILIZERS**

321 Plant Nutrition & Fertilizers – VI

ENVIRONMENTAL SCIENCE

322 Basics concepts in Microbiology – VI

HORTICULTURE

323 Production Technology of Vegetable
Crops – I – VI

DYES AND DRUGS

324 Synthesis and Application of azo. &
azoic Dyes – VI

FISHERY SCIENCE

325 Ecology & Fish Pathology –V I

INDUSTRIAL CHEMISTRY

326 Unit Operation – III – VI

DAIRY SCIENCE

327 Animal Nutrition – VI

**AGRICULTURAL
MICROBIOLOGY**

328 Applied microbiology – VI

BIOTECHNOLOGY

329 Molecular Biology – VI

INDUSTRIAL MICROBIOLOGY

330 Paper –VI

ELECTRONICS

331 Amplifiers Oscillators and Multi
vibrators – VI

B.Sc. III Semester

COMPUTER APPLICATION

332 Programming in C ++ – VII

GEOLOGY

333 Dynamics of Earth & Igneous Petrology
– VII

ANALYTICAL CHEMISTRY

334 Instrumental Methods of Chemical
Analysis – 1 – VII

**AGROCHEMICAL AND
FERTILIZERS**

335 Insecticides & Herbicides – VII

ENVIRONMENTAL SCIENCE

336 Air Pollution and Meteorology – VII

HORTICULTURE

337 Production Technology of Vegetable
Crops – II – VII

DYES AND DRUGS

338 Synthesis and Application of Drugs
action on CNS – VII

FISHERY SCIENCE

339 Fish Biology – VII

INDUSTRIAL CHEMISTRY

340 Chemical Reaction Engineering – I – VII

DAIRY SCIENCE

341 Animal Genetics and reproduction – VII

**AGRICULTURAL
MICROBIOLOGY**

342 Microbes in Agriculture – VII

BIOTECHNOLOGY

343 Biophysical Techniques – VII

INDUSTRIAL MICROBIOLOGY

344 Paper –VII

ELECTRONICS

345 Fundamental of Microprocessors – VII

TUESDAY 05.01.2016	
	B.Sc. III Semester INFORMATION TECHNOLOGY
346	Programming in C++ - VI
WEDNESDAY 06.01.2016	
	B.Sc. III Semester INFORMATION TECHNOLOGY
347	Operating System – VII
THURSDAY 07.01.2016	
	B.Sc. III Semester MATHEMATICS
348	*CANCELLED*
349	Ordinary Differential Equations – VIII (Rev) (02.00pm to 03.00pm)
FRIDAY 08.01.2016	
	B.Sc. III Semester COMPUTER SCIENCE
350	Digital Electronics & 8085 Microprocessor – VI
SATURDAY 09.01.2016	
	B.Sc. III Semester COMPUTER SCIENCE
351	Object Oriented Programming using C++ - VII
CONTROLLER OF EXAMINATIONS	