### SAVITRIBAI PHULE PUNE UNIVERSITY



Examination Circular No. 184 of 2014

REVISED PROGRAMME OF M.SC. ZOOLOGY SEM. I TO IV (2008 Pattern) & CREDIT SYSTEM (2013 Pattern) EXAMINATIONS, NOVEMBER, 2014

#### **INSTRUCTIONS FOR CANDIDATES**

- 1. Candidates are required to be present at the examination Centre fifteen minutes before the time fixed for the first paper and ten minutes before the time of each subsequent paper.
- 2. Candidates are forbidden from taking any material into the examination hall that can be used for malpractice at the time of examination.
- 3. Candidates are requested to see the Notice-Board at their place of examination regularly for changes if any that may be notified later in the Programme.
- 4. No request for any special concession such as change in time or any day fixed for the University examination, on religious or any other ground shall be granted.
- 5. The Use of non-programmable Calculator is permitted.
- 6. The Examination of Candidates of University Post-Graduate Dept. having credit system will be held at their Respective Departments.

# The written Examination will be conducted in the following order:

## \* Please Note the Timing

Day & Date	SUBJECT SEMESTER – II	SUBJECT SEMESTER – IV
	TIME: 10:30 A.M. TO 1:30 P.M.	TIME: 2:30 P.M. TO 5:30 P.M.
Tuesday,	ZY-201 : (a) Developmental	ZY-411 : Entomology -II
25.11.2014	Biology	ZY-412 : Genetics -II
	(b) Comparative Animal	Zy-413: Physiology-II
	Physiology ( <b>2008 Pattern</b> )	ZY-414 : Molecular Biology -II ZY-415 : Developmental Biology
	ZY 201 : Biochemistry- II	21-413 : Developmental Biology
	(2013 Pattern)	
	*Time: 10:30 A.M. 1:00 P.M.	
Wednesday,		
26.11.2014	ZY-202: (a) Molecular Biology	ZY-421 : Animal Tissue Culture
	(b) Cell Biology	ZY-422 : Pollution Biology
	(2008 Pattern)	ZY-423: Marine Biology
	ZY 202: Molecular Biology	ZY-424 : Bacterial and Phage Genetics ZY-425 : Medical Entomology
	(2013 Pattern)	21-425 : Wedicai Entomology
	(2013 1 attern)	
	*Time: 10:30 A.M. 1:00 P.M.	
Thursday,		
27.11.2014	ZY-203: (a) Biochemical	ZY-431 : Physiology of Mammalian
	Techniques	Reproduction
	OR	ZY-432 : Comparative Invertebrate Histology &
	Ichthyology	Histochemistry
	(b) Endocrinology	Thistochemistry
	(2008 Pattern)	ZY-433 : Biodiversity Assessment
	ZY 203 :Developmental Biology	ZY-434: Protozoology
	(2013 Pattern)	ZY-435 : Apiculture
Friday,	*Time: 10:30 A.M. 12:00 P.M.	
28.11.2014	ZY 204 : Endocrinology	
20.11.2014	(2013 Pattern)	
	*Time: 10:30 A.M. 12:00 P.M.	
Saturday,	ZY 205 : Comparative Animal	
29.11.2014	Physiology (2013 Pattern)	
	*Time: 10:30 A.M. 12:00 P.M.	
Monday,	ZY 206 : Biochemical Techniques	
01.12.2014	(2013 Pattern)	
	*Time: 10:30 A.M. 12:00 P.M.	

## \* Please Note the Timing

	SUBJECT	SUBJECT
	SEMESTER – I	SEMESTER – III
Day & Date	TIME: 10:30 A.M. TO 1:30 P.M.	TIME: 2:30 P.M. TO 5:30 P.M.
Tuesday,	ZY-101 : Biochemistry (2008	ZY-311 : Entomology – I (2008 P attern) ZY-312 : Genetics – I (2008 Pattern)
02.12.2014	Pattern)	
	77V 101 - D' - 1 1	ZY-313: Physiology –( 2008 Pattern)
	ZY 101 : Biochemistry – I	ZY-314: Molecular Biology-I (2008 Pattern)
	(2013 Pattern)	ZY-315 : Developmental Biology -I (2008 Pattern)
	*Time: 10:30 A.M. 1.00 P.M.	ZY 301 -Animal Physiology-I
		Entomology –I
***	777 100 ( ) C:	Genetics-I (2013 Pattern)
Wednesday,	ZY-102: (a) Genetics	ZY-321 : Immunology (2008 Pattern)
03.12.2014	(b) English for Scientists	ZY-322: Environmental Biology (2008 Pattern)
	(2008 Pattern)	ZY-323: Fundamentals of Systematics (2008 Patt.)
	7V 102 · Call Dialogy	ZY-324 : Aquaculture (2008 Pattern ZY-325 : Insect Ecology (2008 Pattern
	ZY 102 : Cell Biology	*ZY-302 :Immunology/Environmental biology
	(2013 Pattern)	(2013 Pattern)
	*Time: 10:30 A.M. 1:00 P.M.	* TIME: 2:30 P.M. TO 4:00 P.M.
Thursday,	ZY-103 : Quantitative Methods in	ZY-331 : Parasitology (2008 Pattern)
04.12.2014	Biology	ZY-332: Insect Physiology and Biochemistry
04.12.2014	OR	(2008 Pattern)
	ZY-103 : (a) Fresh Water Zoology	ZY-333 : Modern concepts in Animal Evolution
	(b) Statistical Methods	(2008 Pattern)
	(2008 Pattern)	ZY-334 : Genetic Toxicology (2008 Pattern
	ZY 103: Genetics	ZY-335 : Insect Behaviour (2008 Pattern
	(2013 Pattern)	*ZY-303 :Genetic Toxicology/Aquaculture
	*Time: 10:30 A.M. 12:00 P.M.	(2013 Pattern)
		*TIME: 2:30 P.M. TO 4:00 P.M.
Friday,	ZY104 : Biostatistics (2013	*ZY-304 : Insect Physiology and biochemistry
05.12.2014	Pattern)	(2013 Pattern)
	*Time: 10:30 A.M. 12:00 P.M.	*TIME: 2:30 P.M. TO 4:00 P.M.
Monday,	ZY105 : Skills in Scientific	ZY-305:Research Methodology
08.12.2014	Communication and	(2013 Pattern)
	Writing (2013 Pattern)	*TIME: 2:30 P.M. TO 4:00 P.M.
	*Time: 10:30 A.M. 12:00 P.M.	
Tuesday,	ZY106 : Fresh Water Zoology	*ZT-306:Parasitology (2013 Pattern)
09.12.2014	(2013 Pattern)	*TIME: 2:30 P.M. TO 4:00 P.M.
0311212011	*Time: 10:30 A.M. 12:00 P.M.	
Wednesday,		*ZY-307:Fundamentals of Systematics
10.12.2014		(2013 Pattern)
IV-IH-HUIT		*TIME: 2:30 P.M. TO 4:00 P.M.
Thursday		*ZY-308:Insect Ecology (2013 Pattern)
Thursday,		*TIME: 2:30 P.M. TO 4:00 P.M.
11.12.2014		
Friday,		*ZY-309:Toxicology (2013 Pattern)
12.12.2014		*TIME: 2:30 P.M. TO 4:00 P.M.
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- 1. The Practical examination will be held before theory examination. Due notice will be given by the examiners about the place, date and time of the Practical examination on the Notice Board. Candidates are directed to be present at the time & place of their practical examination.
- 2. The last examination of the Sem. I (2008 Pattern) will be held in October 2014.

Ganeshkhind, Pune-411 007 Ref. No. XCT/Sci./ 1022

Date: 27.10.2014.

**Dr.V.B.Gaikwad** I/C **Controller of Examinations**