

M.Sc. ZOOLOGY AND BIOTECHNOLOGY YEAR 2008 - 2009

Semester	Category	Paper Code	Title of the Paper	Maximum Marks			Minimum Marks for Pass			Hours / Week	Credits
				C.I.A	E.E.	Total	C.I.A	E.E.	Total		
I	Core	8P1ZOC1	Functional Morphology, phylogeny of Invertebrates and Chordates	25	75	100	10	30	50	8	6
	Core	8P1ZOC2	Cell and Molecular Biology and Biophysics	25	75	100	10	30	50	8	6
	Core	8P1ZOC P1	Practical I (Invertebrate and Chordate, Cell and Molecular Biology and Genetics)	40	60	100	16	24	50	8	5
	Major Elective-1	8P1ZOE1A	General and Human Genetics (or)	25	75	100	10	30	50	6	5
		8P1ZOE1B	General and Microbial Genetics								
II	Core	8P2ZOC3	Statistics and Computer Application in Biology and Research methodology	25	75	100	10	30	50	6	5
	Core	8P2ZOC4	Developmental Biology and Bio-Techniques	25	75	100	10	30	50	6	4
	Core	8P2ZOC5	Environmental Biology and Conservation	25	75	100	10	30	50	6	4
	Core	8P2ZOC P2	Practical II (Statistics and Computer Application in Biology and D.B, Bio-Techniques and Environmental Biology)	40	60	100	16	24	50	6	4
	Major Elective-2	8P2ZOE2A	Microbiology (or)	25	75	100	10	30	50	6	6
		8P2ZOE2B	Wild Life Management								
III	Core	8P3ZOC6	Biotechnology	25	75	100	10	30	50	6	5
	Core	8P3ZOC7	Immunology	25	75	100	10	30	50	6	5
	Core	8P3ZOC8	Animal Physiology and Bio-Chemistry	25	75	100	10	30	50	7	5
	Core	8P3ZOC P3	Practical-III (Animal Physiology, Biochemistry, Bio-Technology and Immunology)	40	60	100	16	24	50	7	5
	EDC	8P3--EDC	Extra Disciplinary Course	25	75	100	10	30	50	4	4
IV	Core	8P4ZOC9	Tissue Culture	25	75	100	10	30	50	8	6
	Core	8P4ZOC10	General and Applied Entomology	25	75	100	10	30	50	8	5
	Core	8P4ZOC P4	Practical-IV (Tissue Culture and General and Applied Entomology)	40	60	100	16	24	50	8	5
		8P4ZOE3A	Estuarine Biology and Aquaculture (or)	25	75	100	10	30	50	6	5
	Major Elective-3	8P4ZOE3B	Bio-Informatics, IPR and Nanotechnology								5
	Project	8P4ZOPR	Extra Credit								


CO-ORDINATOR,
Department of Zoology & Bio-Technology
AVVM. Sri Pushpam College (Autonomous)
Poondi-613 503, Thanjavur-Dt Tamil Nadu

Verified.

Dr. RD

M.Sc. Zoology (2008 - 2009)

Paper Code	Total No. Of Papers	Total Marks	Total Credits
Core	14	1400	70
Elective	3	300	16
E.D.C	1	100	4
	18	1800	90


CO-ORDINATOR,
Department of Zoology & Bio-Technology
AVVM. Sri Pushpam College (Autonomous)
Poondi-613 503, Thanjavur-Dt Tamil Nadu


Dr. R.D

M.Sc., ZOOLOGY (2017 – 2018)

S. No	SEM	Category	Paper Code	Title of the Paper	Maximum Marks			Minimum Marks for Pass			Hours Week	Credits
					CIA	E.E	Total	CIA.	E.E	Total		
1.	I	Core	17P1ZOC1	Biology of Invertebrates and Chordates	25	75	100	10	30	50	6	5
2.		Core	17P1ZOC2	Cell and Molecular Biology and Biophysics	25	75	100	10	30	50	6	5
3.		Core	17P1ZOC3	Microbiology	25	75	100	10	30	50	6	4
4.		Core	17P1ZOCP1	Practical I ((Invertebrate and Chordate, Cell and Molecular Biology and Microbiology)	40	60	100	16	24	50	6	4
5.		Major Elective-I	17P1ZOEL1A 17P1ZOEL1B	General and Human Genetics Genomics and Proteomics	25	75	100	10	30	50	6	4
6.	II	Core	17P2ZOC4	Developmental Biology and Bio-Techniques	25	75	100	10	30	50	5	5
7.		Core	17P2ZOC5	Environmental Biology and Conservation	25	75	100	10	30	50	5	4
8.		Core	17P2ZOC6	Biotechnology	25	75	100	10	30	50	5	4
9.		Core	17P2ZOC7	Endocrinology	25	75	100	10	30	50	4	4
10		Core PL	17P2ZOCP2	Practical II (Developmental Biology, Bio-Techniques, Biotechnology &Environmental Biology)	40	60	100	16	24	50	6	4
11		Major Elective	17P2ZOEL2A 17P2ZOEL2B	Cell and Tissue culture Wild Life Management	25	75	100	10	30	50	5	4
12	III	Core	17P3ZOC8	Immunology	25	75	100	10	30	50	5	4
13		Core	17P3ZOC9	Animal Physiology and Bio-Chemistry	25	75	100	10	30	50	5	5
14		Core	17P3ZOC10	Clinical Biochemistry	25	75	100	10	30	50	5	4
15		Core	17P3ZOC11	Nanotechnology	25	75	100	10	30	50	4	4
16		Core	17P3ZOCP3	Practical-III (Animal Physiology, Biochemistry, Immunology and Clinical Biochemistry)	40	60	100	16	24	50	6	4
17		EDC	17P3ZOEDC	EDC - Clinical Lab Technology	25	75	100	10	30	50	4	---
			Communicative skill and Personality development								1	---
18	IV	Core	17P4ZOC12	General and Applied Entomology	25	75	100	10	30	50	6	5
19		Core	17P4ZOC13	Research Methodology	25	75	100	10	30	50	6	4
20		Core	17P4ZOCP4	Practical-IV (General and Applied Entomology and Research Methodology	40	60	100	16	24	50	6	3
21		Major Elective	17P4ZOEL3A 17P4ZOEL3B	Estuarine Biology & Aquaculture Fisheries Science	25	75	100	10	30	50	6	4
			Communicative skill and Personality development		-	-	-	-	-	-	1	-
22		CN	17P4ZOCPN	Comprehension	-	100	100	---	---	50	5	2
23		Project	17P4ZOPR	Project	40	60	100	16	24	50		4
				Total	2300						120	90

M.Sc. ZOOLOGY (2017 – 2018)

Paper Code	Total No. Of Papers	Total Marks	Total Credits	Classification
Core	17	1700	72	✓
Elective	3	300	12	✓
E.D.C	1	100	---	✓
Project	1	100	4	x
Comprehension	1	100	2	✓
Soft skill using Language lab	--	--	---	X
Total	23	2300	90	