

ANNEXURE M. Sc. ZOOLOGY

Equivalence of Syllabus / papers between CBS & CBCS syllabus for desirous students (CBS Pattern students (introduced in the Year 2012-2013) in CBCS Pattern (introduced in the year 2015-16 at M.Sc Semester I and II and in the year 2016-17, at M.Sc. Semester –III and Semester IV

If the candidate has failed in any of the papers mentioned below (As described in Point no. 22 'b', 'c', 'd', and 'e')							Then, the candidate shall appear and clear the paper shown in the respective row as equivalent paper					
M.Sc. Zoology CBS Pattern : Semester -I							M.Sc. Zoology Choice Based Credit System (CBCS) Semester -I					
S. No.	Semester	Code No.	Paper	Name of Paper	Total Marks	Credits	Code No.	Paper	Subject	Total Marks	Credits	
01	Sem-I		Paper -I	Structure and function of Invertebrates	100	4	Equivalent	1T ₁	Paper -I	Structure and function of Invertebrates	80+ 20	4
02	Sem-I		Paper- II	General Physiology	100	4		1T ₂	Paper- II	General Physiology	80+20	4
03	Sem-I		Paper- III	Cell Biology and Genetics	100	4		1T ₃	Paper –III	Cell Biology and Genetics	80+20	4
04	Sem-I		Paper- IV	Advance Reproductive Biology	100	4		1T ₄	Paper- IV	Advance Reproductive Biology	80+20	4
05	Sem-I		Practical-I	Structure and Function of Invertebrates and General Physiology	80+ 20	4		1P ₁	Practical –I	Structure and Function of Invertebrates and General Physiology	100	4
06	Sem-I		Practical-II	Cell Biology, Genetics and Advance Reproductive Biology	80+20	4		1P ₂	Practical -II	Cell Biology, Genetics and Advance Reproductive Biology	100	4
07	Sem-I		Seminar-I		25	1		1S ₁			25	1
M.Sc. Zoology CBS Pattern : Semester -II							M.Sc. Zoology Choice Based Credit System (CBCS) Semester -II					
S. No.	Semester	Code No.	Paper	Name of Paper	Total Marks	Credits	Code No.	Paper	Subject	Total Marks	Credits	
01	Sem-II		Paper –V	Structure and Function of Vertebrate	100	4	Equivalent	2T ₁	Paper- V	Structure and Function of Vertebrates	80+20	4
02	Sem-II		Paper -VI	Comparative Endocrinology	100	4		2T ₂	Paper-VI	Comparative Endocrinology	80+20	4
03	Sem-II		Paper- VII	Molecular Biology and Biotechnology	100	4		2T ₃	Paper-VII	Molecular Biology and Biotechnology	80+20	4
04	Sem-II		Paper- VIII	Advance Developmental Biology	100	4		2T ₄	Paper -VIII	Advance Developmental Biology	80+20	4
05	Sem-II		Practical-III	Structure and Function of Vertebrates and Comparative Endocrinology	80+20	4		2P ₁	Practical- III	Structure and Function of Vertebrates and Comparative Endocrinology	100	4
06	Sem-II		Practical-	Molecular Biology,	80+20	4		2P ₂		Molecular Biology,	100	4

			IV	Biotechnology and Developmental Biology					Biotechnology and Developmental Biology			
07	Sem-II		Seminar-II		25	1		2S ₂		25	1	
M.Sc. Zoology CBS Pattern: Semester -III							M.Sc. Zoology Choice Based Credit System (CBCS) Semester -III					
S. No.	Semester	Code No.	Paper	Name of Paper	Total Marks	Credits	Equivalent	Code No.	Paper	Subject	Total Marks	Credits
01	Sem-III		Paper -IX	Parasitology	100	4		3T ₁	Paper -IX	Parasitology and Immunology	80+20	4
02	Sem-III		Paper -IX	Immunology	100	4		3T ₁	Paper -IX	Wild Life and Avian Biology	80+20	4
03	Sem-III		Paper -X	Entomology-I	100	4		3T ₂	Paper-X	Entomology-I	80+20	4
	Sem-III		Paper- X	Fish and fisheries-I	100	4		3T ₂	Paper-X	Fish and fisheries-I	80+20	4
	Sem-III		Paper -X	Mammalian Reproductive Physiology-I	100	4		3T ₂	Paper-X	Mammalian Reproductive Physiology-I	80+20	4
	Sem-III		Paper -X	Animal Physiology-I	100	4		3T ₂	Paper-X	Animal Physiology-I	80+20	4
	Sem-III		Paper- X	Cell Biology-I	100	4		3T ₂	Paper-X	Cell Biology-I	80+20	4
	Sem-III		Paper- X	Freshwater Zoology-I	100	4		3T ₂	Paper-X	Freshwater Zoology-I	80+20	4
	Sem-III		Paper -X	Aquaculture-I	100	4		3T ₂	Paper-X	Aquaculture-I	80+20	4
	Sem-III		Paper -X	Environmental Biology-I	100	4		3T ₂	Paper-X	Environmental Biology-I	80+20	4
	Sem-III		Paper- X	Sericulture-I	100	4		3T ₂	Paper-X	Sericulture-I	80+20	4
04	Sem-III		Paper -XI	Entomology-II	100	4		3T ₃	Paper-XI	Entomology-II	80+20	4
	Sem-III		Paper-XI	Fish and fisheries-II	100	4		3T ₃	Paper-XI	Fish and fisheries-II	80+20	4
	Sem-III		Paper-XI	Mammalian Reproductive Physiology-II	100	4		3T ₃	Paper-XI	Mammalian Reproductive Physiology-II	80+20	4
	Sem-III		Paper-XI	Animal Physiology-II	100	4		3T ₃	Paper-XI	Animal Physiology-II	80+20	4
	Sem-III		Paper-XI	Cell Biology-II	100	4		3T ₃	Paper-XI	Cell Biology-II	80+20	4
	Sem-III		Paper-XI	Freshwater Zoology-II	100	4		3T ₃	Paper-XI	Freshwater Zoology-II	80+20	4
	Sem-III		Paper-XI	Aquaculture-II	100	4		3T ₃	Paper-XI	Aquaculture-II	80+20	4
	Sem-III		Paper-XI	Environmental Biology-II	100	4		3T ₃	Paper-XI	Environmental Biology-II	80+20	4
05	Sem-III		Practical-V	Parasitology and Immunology	80+20	4	3P ₁		Parasitology and Immunology	100	4	
06	Sem-III		Practical- VI	Practical of all the specializations	80+20	4	3P ₂		Practical of all the specializations	100	4	
07	Sem-III		Seminar-III		25	1	3S ₃	Seminar-III		25	1	
M.Sc. Zoology CBS Pattern : Semester -IV							M.Sc. Zoology Choice Based Credit System (CBCS) Semester -IV					
S. No.	Semester	Code	Paper	Name of Paper	Total	Cre	Code	Paper	Subject	Total	Credit	

	r	No.			Marks	credits		No.			Marks	s
01	Sem-IV		Paper- XIII	Biotechniques, Biostatistics, Ethology, Toxicology	100	4		4T ₁	Paper -XIII	Biotechniques, Biostatistics, Ethology, Toxicology and Bioinformatics	80+20	4
02	Sem-IV		Paper- XIII	Bioinformatics	100	4		4T ₁	Paper -XIII	Radiation and Chronobiology	80+20	4
03	Sem-IV		Paper- XIV	Entomology-I	100	4		4T ₂	Paper-XIV	Entomology-I	80+20	4
	Sem-IV		Paper -XIV	Fish and fisheries-I	100	4		4T ₂	Paper- XIV	Fish and fisheries-I	80+20	4
	Sem-IV		Paper -XIV	Mammalian Reproductive Physiology-I	100	4		4T ₂	Paper- XIV	Mammalian Reproductive Physiology-I	80+20	4
	Sem-IV		Paper -XIV	Animal Physiology-I	100	4		4T ₂	Paper- XIV	Animal Physiology-I	80+20	4
	Sem-IV		Paper -XIV	Cell Biology-I	100	4		4T ₂	Paper- XIV	Cell Biology-I	80+20	4
	Sem-IV		Paper- XIV	Freshwater Zoology-I	100	4		4T ₂	Paper -XIV	Freshwater Zoology-I	80+20	4
	Sem-IV		Paper -XIV	Aquaculture-I	100	4		4T ₂	Paper- XIV	Aquaculture-I	80+20	4
	Sem-IV		Paper- XIV	Environmental Biology-I	100	4		4T ₂	Paper- XIV	Environmental Biology-I	80+20	4
	Sem-IV		Paper -XIV	Sericulture-I	100	4		4T ₂	Paper- XIV	Sericulture-I	80+20	4
04	Sem-IV		Paper-XV	Entomology-II	100	4		4T ₃	Paper-XV	Entomology-II	80+20	4
	Sem-IV		Paper-XV	Fish and fisheries-II	100	4		4T ₃	Paper-XV	Fish and fisheries-II	80+20	4
	Sem-IV		Paper-XV	Mammalian Reproductive Physiology-II	100	4		4T ₃	Paper-XV	Mammalian Reproductive Physiology-II	80+20	4
	Sem-IV		Paper-XV	Animal Physiology-II	100	4		4T ₃	Paper-XV	Animal Physiology-II	80+20	4
	Sem-IV		Paper-XV	Cell Biology-II	100	4		4T ₃	Paper-XV	Cell Biology-II	80+20	4
	Sem-IV		Paper-XV	Freshwater Zoology-II	100	4		4T ₃	Paper-XV	Freshwater Zoology-II	80+20	4
	Sem-IV		Paper-XV	Aquaculture-II	100	4		4T ₃	Paper-XV	Aquaculture-II	80+20	4
	Sem-IV		Paper-XV	Environmental Biology-II	100	4		4T ₃	Paper-XV	Environmental Biology-II	80+20	4
	Sem-IV		Paper-XV	Sericulture-II	100	4		4T ₃	Paper-XV	Sericulture-II	80+20	4
05	Sem-IV		Practical-VII	Practicals of all specializations	80+20	4		4P ₁	Practical – VII	Practicals of all specializations	100	4
06	Sem-IV		Project	Project Work (Equivalent)	80+20	4		4PROJ1	Project work	Project	100	4
07	Sem-IV		Seminar-IV		25	1		4S ₄	Seminar- IV		25	1

Head
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