

## M.SC. (ZOOLOGY)

**4<sup>th</sup> YEAR UG (HONS.) / 4<sup>th</sup> YEAR UG (HONS. WITH RESEARCH) / M.Sc. (ZOOLOGY)**

YEAR	SEM.	CATEGORY/TYP E OF THE COURSE	COURSE CODE	PAPER TITLE	THEORY /PRACTI CAL	CREDI T	
4 <sup>th</sup> YEAR UG (HONS.) / 4 <sup>th</sup> YEAR UG (HONS. WITH RESEARC H) / M.Sc. (1 <sup>st</sup> YEAR) / P.G. DIPLOMA	VII	COMPULSORY	B050701T	CELL STRUCTURE AND FUNCTIONS	THEORY	4	
			B050702T	GENETICS AND CYTOGENETICS	THEORY	4	
			B050703T	MOLECULAR BIOLOGY AND GENETIC ENGINEERING	THEORY	4	
		OPTIONAL	CHOOSE ANY ONE OF THE FOLLOWING				
		B050704A	EVOLUTION & SYSTEMATICS	THEORY	4		
		B050704B	ANIMAL BEHAVIOUR	THEORY	4		
		B050705P	<b>PRACTICAL COMPULSORY</b>	PRACTICAL	4		
		RESEARCH (To be chosen only by students of 4-year UG Hons. with research instead of the above optional paper)	B050706R	<b>RESEARCH Only by students of 4-year UG Hons.</b>	RESEARC H WORK	4	
	VIII	COMPULSORY	B050801T	DEVELOPMENTAL BIOLOGY AND IMMUNOLOGY	THEORY	4	
			B050802T	BIOCHEMISTRY AND MAMMALIAN PHYSIOLOGY	THEORY	4	
			B050803T	BIOTECHNIQUES AND BIOSTATISTICS	THEORY	4	
		OPTIONAL	CHOOSE ANY ONE OF THE FOLLOWING				
		B050804A	MAMMALIAN ENDOCRINOLOGY	THEORY	4		
B050804B		NEUROBIOLOGY					
B050805R	<b>PRACTICAL COMPULSORY</b>	PRACTICAL	4				

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	<i>RESEARCH (To be chosen only by students of 4-year UG Hons. with research instead of the above optional paper)</i>	B050806R	<i>RESEARCH Only by students of 4-year UG Hons.</i>	RESEARCH WORK	4
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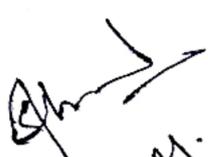
YEAR	SEM.	CATEGORY/TYPE OF THE COURSE	COURSE CODE	PAPER TITLE	THEORY / PRACTICAL	CREDIT	
M.Sc SECOND YEAR	IX Or III-sem	(COMPULSORY)	B050901T	ANIMAL DIVERSITY	THEORY	4	
			B050902T	PARASITOLOGY AND BIOINFORMATICS	THEORY	4	
		(OPTIONAL)	OPTIONAL	CHOOSE ANY ONE OF THE FOLLOWING			
		B050903A	ENVIRONMENTAL BIOLOGY	THEORY	4		
		B050903B	OR PRINCIPLES OF TOXICOLOGY				
		Practical	B050904P	<b>PRACTICAL COMPULSORY</b>		Practical	4
		RESEARCH PROJECT	B050905R	RESEARCH PROJECT FOR ALL STUDENTS	PROJECT/ Dissertation	4	
	X Or IV-sem	OPTIONAL GROUPS	OPTIONAL PAPERS	CHOOSE ONE PAPER FROM EACH GROUP			
		GROUP - I	B0501001A	APPLIED ICHTHYOLOGY	THEORY	4	
			B0501001B	CELLULAR ORGANIZATION & FUNDAMENTAL PROCESSES: CELL STRUCTURE	THEORY	4	
			B0501001C	GENERAL AND CLINICAL ENDOCRINOLOGY	THEORY	4	
		GROUP - II	B0501002A	FISH PHYSIOLOGY AND FISH PATHOLOGY	THEORY	4	
			B0501002B	CELL ENERGETICS & IMMUNOLOGY	THEORY	4	
			B0501002C	COMPARATIVE ENDOCRINOLOGY	THEORY	4	
		GROUP - III	B0501003A	FISH TAXONOMY & SPECIALIZED ORGANS	THEORY	4	

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Zameer Bos*

*Dr. Jamaluddin  
Ahmed*

	B0501003B	CHROMOSOMES, PATTERNS OF INHERITANCE & EXTENSION OF MENDELISM	THEORY	4
	B0501003C	MOLECULAR ENDOCRINOLOGY AND MAMMALIAN REPRODUCTIVE SYSTEM	THEORY	4
<b>PRACTICAL</b>	B051004P	<b>PRACTICAL COMPULSORY</b>	PRACTICAL	4
<b>RESEARCH PROJECT</b>	B0501005R	RESEARCH PROJECT FOR ALL STUDENTS	PROJECT/ DISSERTATION	4

  
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Convenor BOS  
 SZ.Ali  
 (Prof. SZ. Ali)

  
 (Dr. Jamaluddin Ahmed)