

Q. No.	SECTION B ANSWER ALL THE QUESTIONS	(10 x 2 = 20)	CO	KL
11.	Distinguish between Diploblastic and Triploblastic organisation.		CO2	K2
12.	Relate the structure with the function: a. Nematocyst b. Contractile Vacuole		CO2	K2
13.	Enumerate any two characteristic features of Phylum Mollusca.		CO2	K2
14.	Name any two classes of Phylum Arthropoda with examples.		CO2	K2
15.	Differentiate Catadromous migration from Anadromous migration.		CO2	K2
16.	Comment on Darwin's subsidence theory.		CO2	K2
17.	Outline any two differences between Tortoises and Turtles.		CO2	K2
18.	Mention any two similarities between Class Aves and Class Mammalia.		CO2	K2
19.	Highlight any two unique features of mammals.		CO2	K2
20.	Give the dental formula of Rabbit.		CO2	K2
Q. No.	SECTION C ANSWER FOUR QUESTIONS (TWO FROM EACH LEVEL - INTERNAL CHOICE)	(4 x 10 = 40)	CO	KL
21.	Describe the process of conjugation in <i>Paramecium</i> . Add a note on its significance.		CO3	K3
OR				
22.	Articulate the steps involved in setting up vermipit.		CO3	K3
23.	With any five suitable examples, explain parental care in fishes.		CO3	K3
OR				
24.	Illustrate and explain the structure of the heart of <i>Oryctolagus cuniculus</i> .		CO3	K3
25.	Examine the flight adaptations of birds.		CO4	K4
OR				
26.	Analyse the role of the water vascular system in <i>Asterias</i> .		CO4	K4
27.	Relate the role of <i>Musca domestica</i> in transmission of disease.		CO4	K4
OR				
28.	Inspect the affinities of Hemichordata.		CO4	K4

Q. No.	SECTION D (4 x 5 = 20) ANSWER ANY FOUR QUESTIONS (INTERNAL CHOICE ONLY)	CO	KL
29.	Summarise the parasitic adaptations of <i>Ascaris lumbricoides</i> .	CO5	K5
OR			
30.	Evaluate the various threats to the Coral reef ecosystem.	CO5	K5
31.	'Honey bee is a social insect' - Justify	CO5	K5
OR			
32.	Appraise the economic importance of Phylum Mollusca.	CO5	K5
33.	' <i>Petromyzon</i> belongs to Agnatha' - Justify.	CO5	K5
OR			
34.	Highlight any 5 differences between Class Amphibia and Class Reptilia.	CO5	K5
35.	Assess the role of human activities as a threat to turtles.	CO5	K5
OR			
36.	Summarise any five unique structures seen in aquatic mammals that help their mode of life.	CO5	K5
