

KHYBER PAKHTUNKHWA PUBLIC SERVICE COMMISSION
COMPETITIVE EXAMINATION FOR THE POSTS OF PMS-2022

ZOOLOGY (PAPER 1)

Maximum Marks: 100

Time Allowed: 3 hours

Note: Attempt Five (05) questions in all selecting THREE questions from Part A and TWO questions from Part B. Draw neat and well-labeled diagrams where required.

Q No	Questions	Allocated Marks
PART - A		
1(a)	Discuss osmoregulation and the nervous system in planaria.	10
(b)	Explain the life cycle of <i>Fasciola hepatica</i> .	10
2	Explain the complete structure of class Gastropoda along with torsion.	20
3	Discuss digestion, nervous system, and excretion in polychaetes.	20
4	Explain the exoskeleton of arthropods and the process of ecdysis.	20
PART - B		
5	Compare the circulatory system of five classes of vertebrates.	20
6	How the endothermy of birds and mammals is associated with the structure of the heart. Compare it with amphibians.	20
7	Discuss at least seven adaptations of birds that enable them to flights as compared to reptiles.	20

