

KHYBER PAKHTUNKHWA PUBLIC SERVICE COMMISSION
COMPETITIVE EXAMINATION FOR THE POST OF PROVINCIAL
MANAGEMENT SERVICES (BPS-17) 2018

ZOOLOGY PAPER II

Maximum Marks: 100

Time Allowed: 3 hours

Note: Attempt Five (05) questions in all selecting ONE question from each Part. Draw neat and well labeled diagrams where required.

Q No	Questions	Allocated Marks
PART -A		
1	Describe structure and function of mitochondria.	20
2	Describe the process of protein synthesis in prokaryotic cell.	20
PART -B		
3	Describe digestive system and process of digestion in detail.	20
4	What are hormones and their importance? Describe Pituitary hormones in detail.	20
PART -C		
5	Describe Law of Independent Assortment. Draw checker board to explain it.	20
6	How sex determination takes place in different groups of animals	20
PART -D		
7	Do you believe in theory of evolution? Prove your idea in the light of science and Quran.	20
8	Describe main points of Darwin's theory of Evolution. What is Neo Darwinism?	20
PART -E		
9	What are biogeochemical cycles? What is their importance in ecosystem? Describe Nitrogen Cycle in detail.	20
10	Describe Ecosystem with special emphasis on energy flow mechanism in it	20

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