

KHYBER PAKHTUNKHWA, PUBLIC SERVICE COMMISSION

COMPETITIVE EXAMINATION FOR THE POSTS OF PROVINCIAL
MANAGEMENT SERVICES (BPS-17).

2013

ZOOLOGY PAPER-I

TIME ALLOWED: 03 HOURS

MAX:MARKS: 100

Note: Attempt any THREE questions from Part-I and Two questions from Part-II.

PART - I

- Q.NO.1. a. Describe Conjugation in Paramecium. 10
b. Discuss the Parasitic adaptation in Helminthes. 10
- Q.NO.2. Define Mesentery and describe structure and types of Mesentery 20
- Q.NO.3: a. Define Coelom. 02
b. Describe various types of larvae found in Echinodermata. 18
- Q.NO.4. Explain various types of shell found in Mollusca 20
- Q.No.5. Describe various types of Respiration in Insecta 20

PART - II

- Q.NO.6. Describe evolutionary changes in Heart of Vertebrates 20
- Q.No.7: a. What are the causes of Migration 05
b. Describe various types of Migration in fishes 15
- Q.No.8: a. How many types of eggs are found 05
b. Describe various types of Placenta found in Mammals. 15