

# FEDERAL PUBLIC SERVICE COMMISSION



## COMPETITIVE EXAMINATION FOR RECRUITMENT TO POSTS IN BS-17 UNDER THE FEDERAL GOVERNMENT, 2013

Roll Number

### ZOOLOGY, PAPER-I

<b>TIME ALLOWED:</b>	<b>(PART-I MCQs)</b>	<b>30 MINUTES</b>	<b>MAXIMUM MARKS: 20</b>
<b>THREE HOURS</b>	<b>(PART-II)</b>	<b>2 HOURS &amp; 30 MINUTES</b>	<b>MAXIMUM MARKS: 80</b>
<b>NOTE:</b> (i) First attempt PART-I (MCQs) on separate OMR Answer Sheet which shall be taken back after 30 minutes.			
(ii) Overwriting/cutting of the options/answers will not be given credit.			

### PART-I (MCQs) (COMPULSORY)

**Q.1. (i)** Select the best option/answer and fill in the appropriate Circle (●) on the OMR Answer Sheet. (20x1=20)  
(ii) Answers given anywhere, other than OMR Answer Sheet, shall not be considered.

1. Metamerically segmented worms belong to phylum:  
(a) Nematoda (b) Platyhelminthes (c) Annelida (d) None of these
2. Which of the following is a multiflagellate Protozoa?  
(a) Ceratium (b) Noctiluca (c) Leishmania (d) None of these
3. Spicules are secreted by:  
(a) Scleroblasts (b) Nematoblasts (c) Endoblasts (d) None of these
4. Which of the following is a porous opening through which water enters the hydrocoel of an echinoderm?  
(a) Pedicellaria (b) Tube feet (c) Madreporite (d) None of these
5. The body cavity of most triploblastic animals formed by splitting the mesoderm into an outer and an inner layer is called:  
(a) Coelenteron (b) Coelom (c) Colon (d) None of these
6. Compound eyes are found in:  
(a) Platyhelminthes (b) Echinodermate (c) Mollusca (d) None of these
7. Egg-laying mammals are placed in sub class:  
(a) Metatheria (b) Prototheria (c) Theria (d) None of these
8. Open circulatory system is found in:  
(a) Birds (b) Earthworms (c) Cockroaches (d) None of these
9. Bivalve molluscs are usually:  
(a) Scavengers (b) Deposit feeder (c) Filter feeder (d) None of these
10. The pillar or central axis around which the whorls of a gastropod shell are coiled is called:  
(a) Columella (b) Collembola (c) Colloblasts (d) None of these
11. The ninth vertebra of frog is known as:  
(a) Cervical (b) Sacral (c) Urostyle (d) None of these
12. The stage in an embryo in which the primary germ layers have been laid down is called:  
(a) Gastrula (b) Blastula (c) Morula (d) None of these
13. A fish which migrates down river to spawn in the sea is called:  
(a) Anadromous (b) Catadromous (c) Dromiacea (d) None of these
14. Which of the following has four-chambered heart?  
(a) Dog fish (b) Frog (c) Pigeon (d) All of these
15. Facets by which vertebrae articulate with one another are called:  
(a) Metapophyses (b) Parapophyses (c) Zygopophyses (d) None of these

# Zoology Paper I Federal Public Service Commission

**Ensheng Dong**



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