

Model Question paper
Bio-Diversity (Z) 3
11th Standard

Biology

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

Time : 01:30:00 Hrs

Total Marks : 55

10 x 1 = 10

Part - A

- 1) The introduction of phylogeny in taxonomy was made by
(a) Cuvier (b) Lamarck (c) Charles Darwin (d) Linnaeus
- 2) The segmented body muscles in fishes are called
(a) Myotomes (b) Smooth muscles (c) Skeletal muscles (d) Visceral muscle
- 3) In earthworm, the clitellum is present in segments
(a) 5 to 10 (b) 14 to 17 (c) 13 to 18 (d) 20 to 25
- 4) The chlorogogen cells on the wall of the intestine in earthworm is meant for
(a) Digestion (b) Circulation (c) Excretion (d) Reproduction
- 5) The hollow bones of birds are called
(a) Pneumatic bones (b) Fused bones (c) Skull bones (d) Limb bones
- 6) The famous book 'Systema nature' was published by _____.
(a) Lamarck (b) Charles Darwin (c) E.Mayr (d) Carl Linnaeus
- 7) Bacteria and Cyanobacteria are included under the kingdom _____.
(a) Plantae (b) Animalia (c) Protocista (d) Monera
- 8) Tapeworms belong to the class _____.
(a) Platyhelminthes (b) Cestoda (c) Turbellaria (d) Trematoda
- 9) The phylum that includes radially symmetrical animals having bilaterally symmetrical larvae is _____.
(a) Echinodermata (b) Mollusca (c) Coelenterata (d) Porifera
- 10) The number of quill feathers in each wing of pigeon is _____.
(a) 11 (b) 12 (c) 18 (d) 23

Part - B

10 x 2 = 20

- 11) What is the characteristic feature of biological taxonomy?
- 12) What are amniotes?
- 13) Name the subclasses under Mammalia.
- 14) What is Ookinete?
- 15) What is 'Pecten'?
- 16) How did Cuvier classify the animal kingdom?
- 17) Mention about the largest and the smallest vertebrate animals.
- 18) What are the characteristic features of Reptilia?
- 19) Write the classification of earthworm.
- 20) What are pneumatic bones?

Part - C

5 x 3 = 15

- 21) Write notes on phylum Annelida.
- 22) Write notes on Primates.
- 23) Write notes on flight muscles in pigeon.
- 24) Give an account of the basic principles of nomenclature
- 25) What are the types of malaria?

Part - D

2 x 5 = 10

- 26) Explain the life cycle of Plasmodium in man.
- 27) Describe the exoskeleton of pigeon.
