

Model Question paper
Bio-Diversity (Z) 2
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 segmented body muscles in fishes are called
(a) Myotomes (b) Smooth muscles (c) Skeletal muscles (d) Visceral muscle
- 2) The amniotes are characterised by the presence of
(a) Four legs (b) Amphibious life (c) Egg membranes (d) Metamorphosis
- 3) The infective stage of Plasmodium is
(a) Cryptozoite (b) Amoebula (c) Sporozoite (d) Merozoite
- 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 respiratory structure of molluscs is _____.
(a) Mantle (b) Ctenidium (c) Tentacle (d) Trachea
- 7) Which of the following animal has four-chambered heart?
(a) Salamander (b) Caecilian (c) Crocodile (d) Toad
- 8) The malarial parasite stays in the human liver for about _____.
(a) 10 days (b) 48 hours (c) One week (d) 7-17 days
- 9) The feathers that help to keep the body warm and lock air pockets in pigeon are _____.
(a) Quill feather (b) Contour feather (c) Filoplumes (d) Down feathers
- 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) Why do we call birds as glorified reptiles?
- 12) Name the subclasses under Mammalia.
- 13) What are Cryptozoites?
- 14) What is tertian malaria?
- 15) What are 'lateral hearts'?
- 16) Mention the subphyla of chordata with example.
- 17) What are tetrapoda animals?
- 18) What is schizogony?
- 19) Mention some of the medicines used in the treatment of malaria.
- 20) What is alar membrane?

Part - C

5 x 3 = 15

- 21) Provide an account on external openings on the body of an earthworm. Externally the body of earthworm has the following openings.
- 22) Write notes on flight muscles in pigeon.
- 23) Give an account of the basic principles of nomenclature
- 24) Differentiate bracketed and indented keys for identification with a suitable example.
- 25) What are the types of malaria?

Part - D

2 x 5 = 10

- 26) Give a detailed account on the reproductive systems and process of reproduction in earthworms.
- 27) Describe the exoskeleton of pigeon.
