



QUAID-I-AZAM UNIVERSITY ISLAMABAD

Roll No: _____

B.Sc. Annual Examinations--2013
(PART-I)

Answer Book No: _____

SUBJECT: **Zoology**

PAPER: **B (Theory)**

Time Allowed: **3 Hours**

June 18, 2013

Max Marks: **27**

Note: Do as required for each section.

Section-I (Objective Part)

Q. No.1 All parts of Section-I are compulsory; to be attempted on this page and must be handed over to the Superintendent within first 30 minutes. Cutting, overwriting and re-writing is not allowed in this part.

(a) Encircle the correct one. (0.25x8=2)

1. Oocysts of Plasmodium are found in:

- (a) gut of Man (b) gut of Mosquito (c) blood of Man (d) blood of Mosquito.

2. Canal System is found in which of these?

- (a) Star Fishes (b) Sponges (c) Corals (d) all of these.

3. Which of these Parasites has no intermediate host?

- (a) Liver Fluke (b) Tape-Worm (c) Ascaris (d) none of these.

4. Molluscs can be characterized by:

- (a) Trochophore Larva and Deuterostomes (b) Planula Larva and Protostome
(c) Trochophore Larva and Protostome (d) Planula Larva and Deuterostomes.

5. Clitellum produces:

- (a) Larva (b) Young Animal (c) Cocoon (d) Excretory Product.

6. Development in Arthropods is:

- (a) Oviparous (b) Ovoviviparous (c) Viviparous (d) all of these.

7. The Prosoma or Cephalothorax in Chelicerates is a:

- (a) Sensory Tagma (b) Feeding Tagma (c) Locomotor Tagma (d) all of these.

8. Which of these develops Parthenogenetically?

- (a) Queen Bee (b) Worker Bee (c) Drone (d) none of these.

(b) Fill in the blanks. (0.25x8=2)

1. Physalia is commonly called as _____.

2. When fish eats Copepods, the Procercooids burrow into muscles of the fish and become _____ larvae.

3. In Gastropods, eyes may be at the base or at the end of _____.

4. Statocysts are in the _____ region of Polychaetes.

5. _____ of the Exoskeleton form firm ridges and bears for muscle attachment.

6. In Crustaceans, the Medial Ramus is the _____ and the Lateral Ramus is the Exopodite.

7. Compound eyes detect wavelengths of light that the human eye cannot detect, especially in the _____ end of the spectrum.

8. Ocelli consist of 500 to _____ receptor cells beneath a single Cuticular Lens.

(c) Do as required.

1. Assign causative agent to the following diseases: (0.25x4=1)

i. Amoebic Dysentery _____

ii. Trichinosis _____

iii. Elephantiasis _____

iv. Fascioliasis _____

2. Assign Class to the following animals: (0.25x4=1)

i. Beef Tape Worm _____

ii. Octopus _____

iii. Scorpions _____

iv. Millipedes _____

3. Label the diagram as indicated: (1)