

Oct-2014



कोकीळा - 022

ZOOLOGY PAPER - II : ZOO - 112

**Parasitology
(11156)**

P. Pages : 2

Time : Two Hours

Max. Marks : 40

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Answer sheet should be written with blue ink only. Graph or diagram should be drawn with the same pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. All questions are compulsory.
5. Figures to the right indicates full marks.

1. Multiple choice attempt any eight.

8

- i) The animal that carry the pathogen from one organism to another organism is called.....
 - a) Host
 - b) Parasite
 - c) Vector
 - d) All
- ii) A parasite causes disease ancylostomiasis to man.
 - a) Tape worm
 - b) Round worm
 - c) Hook worm
 - d) Filarial worm
- iii) mosquito acts as definitive host for malarial parasite.
 - a) Culex female
 - b) Culex male
 - c) Anopheles male
 - d) Anopheles female
- iv) A parasite Leishmania donovani causes the disease to it's host.
 - a) Yellow azar
 - b) Green azar
 - c) Red azar
 - d) Kala azar
- v) The intermediate host is commonly called as host.
 - a) Secondary
 - b) Primary
 - c) Tertiary
 - d) None
- vi) is often found as ecto commensal on the shell of hermit crab.
 - a) Sea anemone
 - b) Sea urchin
 - c) Sea lily
 - d) Sea star

- vii) *Trichinella spiralis* is example of
 a) Lymph parasite b) Gut parasite
 c) Tissue parasite d) Blood parasite
- viii) Dengue is transmitted by mosquito.
 a) Culex b) Anopheles
 c) Aedes d) None
- ix) is ectoparasite of man which make tunnel on the skin.
 a) Tick b) Louse
 c) Mite d) Bedbug
- x) The mouth parts of louse is
 a) Biting type b) Piercing and sucking
 c) Grinding type d) Lapping type

2. Define / Explain / Comment on **any four**. 8

- a) Pathogen b) Adaptation
 c) Host d) Symbiosis
 e) Parasite f) Immunity

3. Attempt **any two** of the following. 8

- a) Explain with neat label diagram life cycle of head louse.
 b) What are endoparasite ? Explain with suitable example.
 c) Explain vector with suitable example.

4. a) Attempt **any two** of the following. 6

- i) Explain parasitism.
 ii) Sketch and label cercaria larva.
 iii) Explain the biological effect of parasites on host.

b) Blood parasite. 2

5. Attempt **any one** of the following. 8

- a) Explain in detail life cycle of plasmodium vivax in mosquito.
 b) Describe in detail life cycle of *fasciola hepatica*.
