



**JAZ-003-018303**

Seat No. \_\_\_\_\_

**M. Sc. (Zoology) (Sem. III) (CBCS) Examination**

**December - 2019**

**Z- 315 : Human Parasitology**

*(Old Course)*

**Faculty Code : 003**

**Subject Code : 018303**

Time :  $2\frac{1}{2}$  Hours]

[Total Marks : 70

**1 Answer the Following very briefly : (Any Seven) 2×7=14**

- (a) List about different relations between host and parasite.
- (b) Write the Characteristic features of apicomplexan.
- (c) Write the name of protozoan parasites.
- (d) Describe *Trichomonas vaginalis* and its pathogenesis.
- (e) Difference between intermediate host and definite host.
- (f) List name of parasites which causes Sexually Transmitted Diseases (STDs).
- (g) Define amoebiasis with the name of causing parasite.
- (h) Define Onchosphere.
- (i) Give the importance of ring stage in malaria caused by *P.vivax*.
- (j) Why life cycle of parasites should be studied in parasitology?

**2 Answer of the following question : (Any Two) 7+7=14**

- (a) Describe pathogenicity caused by *Giardia lamblia* and its control.
- (b) Briefly describe the pathogenicity of roundworms and its treatment and control.
- (c) Give a detailed account on the life cycle of *P. vivax* with various stages.

**3** Answer of the following questions : **7+7=14**

- (a) Give detailed account on sexually transmitted parasites (STPs).
- (b) Describe the control mechanism of arthropod vector.

**OR**

- (a) Describe the life cycle of *Ascaris lumbricoides*.
- (b) Briefly describe the parasitic infection caused by parasite in cancer and transplantation recipients.

**4** Answer of the following questions : **7+7=14**

- (a) Write a note on the life cycle of *Entamoeba histolytica* with its pathogenesis and control.
- (b) Give a detailed account on the difference between the various stages in *P. falciparum* and *P. vivax* life cycle.

**5** Answer of the following questions : (Any Two) **7+7=14**

- (a) Describe life cycle of *Taenia solium*.
- (b) Which type of Opportunistic parasitic infection occurs in people infected with HIV ?
- (c) Write a short note on diagnostic methods in Parasitology.
- (d) Different mode of transmission and pathogenesis caused by Arthropod vector.

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