



JAZ-003-1183003 Seat No. _____

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

(W.E.F. 2016) Examination

December – 2019

ZOOL - 315 : Human Parasitology

Faculty Code : 003

Subject Code : 1183003

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

[Total Marks : 70

- 1 Answer the following very briefly : (any seven) **2×7=14**
- List about different relations between host and parasite.
 - Characteristic features of apicomplexan.
 - Write the name of protozoan parasites.
 - Describe *Trichomonas vaginalis* and its pathogenesis.
 - Difference between intermediate host and definite host.
 - List name of parasites which causes Sexually Transmitted Diseases (STDs).
 - Define amoebiasis with the name of parasite causing it.
 - Define Onchosphere.
 - Give the importance of ring stage in malaria caused by *P. vivax*.
 - Why life cycle of parasites should be studied in parasitology?
- 2 Answer of the following question : (any two) **7+7=14**
- Describe pathogenicity caused by *Giardia lamblia* and its control.
 - Briefly describe the pathogenicity of roundworms and its treatment and control.
 - 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

- 3
- a) Describe the life cycle of *Ascaris lumbricoides*.
 - b) Briefly describe the parasitic infection caused by parasite in immunosuppressed, 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 prevention.
 - 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 question : (any two) 7+7=14
- a) Briefly describe the life cycle of Tapeworm with various stages.
 - b) Write a note on the type of opportunistic parasitic infection occurs in people infected with HIV.
 - c) Write a short note on diagnostic methods in parasitology.
 - d) Give an account on the different mode of transmission and pathogenesis caused by arthropod vector.
