

# ACTIVITY ID -1903234021

B.Sc. 6<sup>th</sup> Semester (Honours) Examination, October 2020

Subject: ZOOLOGY

Course ID: 62616

Course Code: SH/ZOO/603/DSE-3

Course Title: Parasitology

Full Marks: 15

Time: 1 Hr

*The figures in the right hand margin indicate full marks.  
Candidates are required to give their answers in their own words as far as practicable*

## UNIT I

1. Answer *any FIVE* questions: (1X5=5)
- a) What is parasitism ?
  - b) Mention the infective form of *Plasmodium vivax* that is transmitted from mosquito to man.
  - c) Name the parasite associated with Gall formation.
  - d) What is the function of spicule in *Ascaris* ?
  - e) Write one important difference between male and female *Wuchereria bancrofti*
  - f) Mention the Phylum and Class of Urinary blood fluke.
  - g) What kind of parasite is the Vampire bat?
  - h) Write the scientific name of any two ectoparasites of human being.
  - i) What do you mean by Parasitoid?
  - j) Name one viviparous nematode parasite studied by you.

## UNIT II

### 2. Answer *any TWO* questions:

- a. Describe briefly the life cycle of *Leishmania donovani* along with a suitable diagram. (3.5+1.5=5)
- b) Discuss various pathogenic changes occur in host induced by parasite. (5)
- c) Draw a well labeled diagram of life cycle of *Ancylostoma duodenale*. Write briefly about its pathogenicity. (4+1=5)
- d) Name the disease caused by *Ornithodoros* sp. Discuss briefly about the pathogenicity and control of *Taenia sajinata*. (1+2+2=5)

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