

**CARMEL COLLEGE OF ARTS, SCIENCE & COMMERCE FOR WOMEN,  
NUVEM-GOA**

**SEMESTER END EXAMINATION, JULY 2021**

**Semester: VI Course name & Code: Course name & Code: ZOC-110 Parasitology**

**Date: 14/07/2021 Total marks: 30 Duration: 02 hrs. Total No of pages: 01**

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**Instructions:** 1. All questions are compulsory

2. Figures to the right indicate marks allotted to the question.

3. Illustrate your answers wherever necessary.

Q1. Answer any **five** of the following. **(2X5= 10)**

- a. Differentiate between parasitoids and vectors.
- b. With reference to *Entamoeba histolytica*, describe the infective stage and mode of infection?
- c. With reference to the Malarial parasite, what are the stages of 'febrile paroxysm'?
- d. Mention the larval stages of *Fasciolopsis buski* and comment on the infective stages in both, the intermediate and definite hosts.
- e. Briefly describe the scolex morphology of *Taenia solium*.
- f. In which parasitic infection does the patient show abnormal craving for eating soil? What is this condition called?
- g. Mention any two methods of Mite control.
- h. What are the parasitic attributes of Candiru?

Q2. Answer any **four** of the following. **(5X4= 20)**

- i. Summarize the clinical features of Ascariasis. Suggest personal and community prophylaxis.
- ii. What are the impacts of a parasite on the host?
- iii. Comment on the transmission and life cycle of *Schistosoma haematobium*.
- iv. Write a concise note on the morphology of *Leishmania donovani* and add a note on the method of transmission.
- v. You have found that your room has been infected by bed-bugs. What measures will you take towards its treatment and control.
- vi. Comment on the parasitic habits of the Vampire bat. Add a note on their altruistic behavior.