

BACHELOR OF SCIENCE (LABORATORY SCIENCES) (CBCS - 2019 COURSE)

B.Sc. (Lab Sci) Sem-V : WINTER- 2022

SUBJECT : MYCOLOGY & PARASITOLOGY

Day : Monday

Time : 10:00 AM-12:00 PM

Date : 23-01-2023

W-22574-2022

Max. Marks : 20

N.B.

- 1) There are three sections as
Section – A = Objective Type questions - 20 marks.
Section – B = Long Answer questions - 20 marks.
Section – C = Short Answer questions - 20 marks.
- 2) Section A is given in **SEPARATE** sheet and has to be answered on same sheet. This sheet should be completed with the first **20** minutes of starting of the examination. This sheet with Section A only will be collected by Supervisor.
- 3) Section **B** has four long questions and **ANY TWO** questions have to be answered.
- 4) Section **C** has six short questions and **ANY FOUR** questions have to be answered.
- 5) You have to make \surd such kind of mark in the box of the appropriate answers.

Seat No : _____

M.C.Q.'s

- 1 In humans the causative organism of ringworm is
 - a) Bacteria
 - b) Parasite
 - c) Viruses
 - d) Fungi
- 2 Segmented ovum is found in eggs of which parasite
 - a) Ancylostoma duodenale
 - b) Trichuris trichura
 - c) E. granulosus
 - d) All of the above
- 3 For Fungus, the culture media is
 - a) Sabouraud's medium
 - b) Chocolate agar
 - c) NNN medium
 - d) Tellurite medium
- 4 Which of the following is the main etiological agent for mycosis of foot mostly occurring in Indian subcontinent and middle east?
 - a) Sporothrix schenckii
 - b) Phialophora verucosa
 - c) Conidiobolus coronatus
 - d) Madurella mycematis

P.T.O.

- 5 Histoplasmosis is caused by the genus
- a) Histoplasma capsulatum
 - b) Coccidioeide immitis
 - c) Candida
 - d) Aspersillus
- 6 Casoni test is used in diagnosis of
- a) Hydatid cyst
 - b) Malaria
 - c) Trichuris trichura
 - d) None of the above
- 7 Which of the following is the important opportunistic fungal infection
- a) Mucormycosis
 - b) Listeriosis
 - c) Leishmaniasis
 - d) All of the above
- 8 Another name for trichuriasis worm
- a) Whipworm
 - b) Round worm
 - c) Pinworm
 - d) Hookworm
- 9 Vector for malaria infection is
- a) Aedes aegypti
 - b) Female anopheles
 - c) Male anopheles
 - d) All of the above
- 10 Giardia lambia trophozoite shows _____ motility.
- a) Darting
 - b) Falling leaf
 - c) Sluggish
 - d) Jerky

Total Marks Obtained : _____

Signature of the Invigilator : _____

Signature of Examiner: _____

* * *

BACHELOR OF SCIENCE (LABORATORY SCIENCES) (CBCS - 2019 COURSE)
B.Sc. (Lab Sci) Sem-V : WINTER- 2022
SUBJECT : MYCOLOGY & PARASITOLOGY

Day : Monday

Time : 10:00 AM-12:00 PM

Date : 23-01-2023

W-22574-2022

Max. Marks : 40

N.B.

- 1) There are three sections as
Section – A = Objective Type questions - 20 marks.
Section – B = Long Answer questions - 20 marks.
Section – C = Short Answer questions - 20 marks.
 - 2) Section **B** has four long questions and **ANY TWO** questions have to be answered.
 - 3) Section **C** has six short questions and **ANY FOUR** questions have to be answered.
 - 4) Answer to both the sections should be written in **SAME** answer book.
-

SECTION - B

Long answer (Attempt **ANY TWO**)

(20)

- 1) Write life cycle of malarial parasite. Add a note on Laboratory diagnosis of malaria.
- 2) Describe in detail about life cycle, pathogenesis and Laboratory diagnosis of *Ancylostoma duodenale*.
- 3) Name fungi causing systemic infection. Describe the pathogenesis and Laboratory diagnosis of *H. capsulatum*.
- 4) Describe Laboratory diagnosis of fungal infections.

SECTION - C

Long answer (Attempt **ANY FOUR**)

(20)

- 1) Candidiasis
- 2) Laboratory diagnosis of filariasis
- 3) Aspergillosis
- 4) PKDL
- 5) Slide culture
- 6) NIH swab
