

BACHELOR OF SCIENCE (LABORATORY SCIENCES) (CBCS - 2019 COURSE)
B.Sc. (Lab Sci) Sem-V : WINTER :- 2021
SUBJECT: MYCOLOGY & PARASITOLOGY

Day : Friday
Date 4/2/2022

W-22574-2021

Time : 10:00 AM-12:00 PM
Max. Marks: _____

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 ✓ such kind of mark in the box of the appropriate answers.

Seat No : _____

M.C.Q.'s

- 1 Extra intestinal amoebiasis may occur in
 - a) Liver
 - b) Lungs
 - c) Brain
 - d) All of the above
- 2 Montenegro test is used in diagnosis of
 - a) Leishmaniasis
 - b) Malaria
 - c) Dysentery
 - d) Hydatid cyst
- 3 Common name for *E. vermicularis*
 - a) Threadworm
 - b) Pinworm
 - c) Seatworm
 - d) All of the above
- 4 Thrush refers to
 - a) Histoplasmosis
 - b) Candidiasis
 - c) Aspergillosis
 - d) Mucormycosis

P.T.O.

- 5 Giardia lamblia trophozoite shows _____ motility.
- a) Darting
 - b) Falling leaf
 - c) Sluggish
 - d) Jerky
- 6 For Fungus, the culture media is
- a) Sabouraud's medium
 - b) Chocolate agar
 - c) NNN medium
 - d) Tellurite medium
- 7 Which form of filaria is found in blood
- a) Egg
 - b) Adult
 - c) Larva
 - d) None of the above
- 8 Dimorphic fungi grows as yeast at _____ temperature
- a) 37°C
 - b) 25°C
 - c) Both
 - d) None of the above
- 9 Sporothrix is a genus that causes a condition in human named as
- a) Tinea versicolor
 - b) Mycetoma
 - c) Sporotrichosis
 - d) Blastomycosis
- 10 All of the following are opportunistic fungal infections except
- a) Mucormycosis
 - b) Aspergillosis
 - c) Candidiasis
 - d) Histoplasmosis

Total Marks Obtained : _____

Signature of the Invigilator : _____

Signature of Examiner: _____

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Time : 10:00 AM-12:00 PM
Max. Marks: 60

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Section – A = Objective Type questions - 20 marks.
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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) Describe the pathogenesis and Laboratory diagnosis of dermatophytes.
- 2) Enumerate the fungi causing subcutaneous mycosis. Describe the pathogenesis and Laboratory diagnosis of mycetoma.
- 3) Laboratory diagnosis of Kala azar.
- 4) Write difference between taenia solium and taenia saginata. Add a note on neurocysticercosis.

SECTION - C

Long answer (Attempt **ANY FOUR**)

(20)

- 1) Cultivation of fungi
- 2) Cryptococcosis
- 3) Mucormycosis
- 4) Laboratory diagnosis of trichomoniasis
- 5) Rapid diagnosis of malaria
- 6) Hydatid cyst
