

B. Sc. (Laboratory Sciences) Sem – IV (CBCS – 2019 Course) : SUMMER – 2022
SUBJECT : BACTERIOLOGY – II

Day : Thursday Time : —
Date : 21-07-2022 S-22566-2022 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 appropriate answers.
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Seat No. : _____

SECTION – A

Q. 1 Which among the following Bacteria shows swarming?

- a) Streptococcus
- b) Pneumococcus
- c) Proteus
- d) NTM

Q. 2 Which among the following test is used for diagnosis of Enteric fever?

- a) Widal
- b) RPR
- c) TPHA
- d) Dark ground microscopy

Q. 3 Which among the following organism produces non lactose fermenting colonies?

- a) E.coli
- b) Klebsiella
- c) Pseudomonas
- d) None of the above

Q. 4 Lepromin test is used for diagnosis of which among following organism.

- a) NTM
- b) M Tb
- c) Vibrio
- d) Leprosy

P. T. O.

Q. 5 Which among the following test used for diagnosis of Rickettsial infection?

- a) RPR
- b) Widal
- c) Weil felix
- d) TPHA

Q. 6 Which among the following organism shows darting mobility?

- a) Staphylococcus
- b) Pneumococci
- c) Vibrio
- d) MTb

Q. 7 Infectious plastic waste is disposed among which of the following bag?

- a) Yellow bag
- b) Red bag
- c) Black bag
- d) Transparent bag

Q. 8 Which among the following infection transmitted through needle stick injury?

- a) HIV
- b) HCV
- c) HbsAg
- d) All of the above

Q. 9 Which among the following is capsulated GNB?

- a) Staphylococcus
- b) Vibrio
- c) Klebsiella
- d) None of the above

Q. 10 Which among the following are nosocomial infection?

- a) CLABSI
- b) VAP
- c) CAUTI
- d) All of the above

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BACHELOR OF SCIENCE (LABORATORY SCIENCES) (CBCS - 2019 COURSE)
B.Sc. (Lab Sci) Sem-IV :SUMMER- 2022
SUBJECT : BACTERIOLOGY-II

Day : Thursday
Date : 21-07-2022

S-22566-2022

Time : 10:00 AM-12:00 PM
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) Answers to both the sections should be written in **SAME** answer book.

SECTION – B

- Q.1 Long Answer Question: (Attempt ANY TWO) (20)**
- a) Write in detail about how to maintain bacterial stock cultures.
 - b) Write in detail about Universal safety precautions.
 - c) Write in detail about Bacteriological examination of food and water.
 - d) Write in detail about Cholera infection and write laboratory diagnosis of Vibrio.

SECTION – C

- Q.2 Short Answer Questions: (Attempt ANY FOUR) (20)**
- a) Widal test principles and uses.
 - b) Enumerate organism causing urinary tract infection. Write in detail about Identification of E-coli.
 - c) Laboratory diagnosis of Leprosy and tuberculosis.
 - d) Laboratory diagnosis of Shigellosis.
 - e) Laboratory diagnosis of Leptospirosis.
 - f) Laboratory diagnosis of Pseudomonas.

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