

V.P. & R.P.T.P.SCIENCE COLLEGE
B.Sc (Semester IV) Examination-March 2017
Microbiology (US04CMIC01)



Tuesday- 7th March 2017

Time: 3.00 pm - 4.30 pm

Total Marks: 25

N.B. (i) Attempt all questions. (ii) Marks are indicated on the right side.

Q.1. Select the most appropriate answer:

(03)

- 1) Following is a virulence factor:
(a) Hyaluronidase (b) Coagulase
(c) Streptokinase (d) All of them
- 2) The device used to introduce sterile air in fermenter is:
(a) Impeller (b) Sparger
(c) Baffles (d) All of them
- 3) The process of extreme dehydration in frozen state is called:
(a) Lyophilization (b) Sterilization
(c) Plasmolysis (d) None of these

Q.2. Attempt any two of the following.

(04)

1. Differentiate between Exotoxin & Endotoxin.
2. Give two names of airborne diseases transmitted by bacteria.
3. Write two uses of incinerator.

Q.3. Explain the different types of infection with a suitable example.

(06)

OR

Q.3. Write a note on: Normal flora of intestinal tract.

(06)

Q.4. Enlist the [properties of Industrially important organisms.

(06)

OR

Q.4. Enlist various methods used for enumeration of air microflora and describe any one in detail.

(06)

Q.5. Different types of radiations can be used for control of microorganisms: Justify.

(06)

OR

Q.5. Justify: High temperature can be used for control of microorganisms.

(06)
