

Model Question Paper
Zoology-Microbiology - Part III
12th Standard

Biology

Reg.No. :

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I. Answer all the questions.
II. Use Blue pen only.

Time : 01:00:00 Hrs

Total Marks : 60

5 x 1 = 5

Section-A

- 1) Methods of sterilization and pasteurization were developed by
(a) Louis Pasteur (b) Robert Koch (c) Joseph Lister (d) Lue Montanginer
- 2) Joseph Lister obtained the pure culture of the organism
(a) Lactco Bacilli (b) Basterium notatum (c) Bacterium Lactis (d) Yeast cells
- 3) Eyher and chloroform can dissolve
(a) vifions without envelope (b) virions with envelope (c) all the virions (d) nucleocaped of virion
- 4) Spherical virus is
(a) Pox virus (b) TMV (c) Polio virus (d) Bacteriophage
- 5) Ideal temprature for the growth of virus is
(a) 32⁰C (b) 34⁰C (c) 36⁰C (d) 30⁰C

Section-B

3 x 3 = 9

- 6) Write a short note about Cholera.
- 7) Write a note about Black water fever.
- 8) Write the symptoms of Amoebiasis.

Section-C

5 x 5 = 25

- 9) Explain any two viral diseases in human.
- 10) What are steps taken in the preparation of bacteriological medium.
- 11) Explain any two sexually transmitted diseases caused by Bacteria.
- 12) Write about Rabies and Cholera disease, causative agent, symptoms and transmission.
- 13) a) What is meant by Zoo anthroponoses?
b) What is avirulent (or) attenuated strains?

Section-D

2 x 10 = 20

- 14) Explain-symptoms of AIDS and its diagnosis, control and preventive measures.
- 15) Describe the structure of HIV virus. Explain the disease control and management.
