

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

Biology

Reg.No. :

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I. Answer all the questions.

II. Use Blue pen only.

Time : 00:50:00 Hrs

Total Marks : 55

5 x 1 = 5

Section-A

- 1) The disease kala-azar is caused by
(a) Leishmania donovani (b) Leishmania Tropica (c) Trypanosoma gambiensi (d) Entamoeba histolytica
- 2) Antibiotics which inhibit the growth of the microbial cells are called
(a) bactericidal (b) bacteriophage (c) microcidal (d) bacteriostatic
- 3) Pick out the antifungal antibiotic
(a) nystatin (b) Teracylin (c) Bacitracin (d) Griseoflavin
- 4) HIV virus belongs to the sub family
(a) Retro virus (b) Lentivirinae (c) Retrovirus (d) Rotirinae
- 5) Glycoprotein which is at the outer position of HIV is
(a) gp 110 (b) gp 41 (c) gp 120 (d) gp 100

Section-B

5 x 3 = 15

- 6) Write a short note about Retro viruses.
- 7) Write the characteristic features of pox viruses.
- 8) Write the names of some antiretroviral drugs.
- 9) Draw and label the parts of a scolex of Taenia solium.
- 10) What is a rostellum?

Section-C

3 x 5 = 15

- 11) Explain Bacterial genetics.
- 12) Explain the structure of HIV with neat diagram.
- 13) Describe the scolex of Taenia solium with diagram.

Section-D

2 x 10 = 20

- 14) Describe the life cycle, pathogenicity of tape worm with suitable diagram.
- 15) Explain the life cycle of Ascaris and write pathogenicity and controlling methods.
