

Model Question Paper
Immune System (B) - Part I
10th Standard

Science

Reg.No. :

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- I. Answer all the questions.
II. Use Blue pen only.
III. Question No 15 is compulsory.

Time : 01:00:00 Hrs

Total Marks : 45

5 x 1 = 5

Section-A

- 1) Pick out a case of healthy state of an individual.
(a) Mr.X is recovering from an infectious disease. (b) Mr.Y takes insulin injection everyday. (c) Mrs.Z is very depressed.
(d) Mr. K does his duty and spends time joyfully.
- 2) Which one of the following is not socially balanced?
(a) He enjoys a birthday party (b) He behaves rudely over trivial matters. (c) He adjusts well to the surrounding situation.
(d) He attends to his ailing mother at the hospital.
- 3) _____ is a bacterial disease.
(a) Meningitis (b) Rabies (c) Tetanus (d) Small pox
- 4) One of the following is transmitted through air. Find it out.
(a) Tuberculosis (b) Meningitis (c) Typhoid (d) Cholera
- 5) The most serious form of malaria is caused by plasmodium _____.
(a) Ovale (b) Malariae (c) Falciparum (d) Vivax

Section-B

2 x 1 = 2

- 6) In order to lead a healthy life a person should enjoy physical, mental and social well being. If a person lacks any one of them, then that person is suffering from _____.
- 7) Kavitha is suffering from common cold. What are the questions you will put forth to Kavitha to confirm the disease ? (a) _____ (b) _____

Section-C

5 x 2 = 10

- 8) Marasmus and Kwashiorkor are both protein deficiency defects. Marasmus differs from Kwashiorkor in enlarged belly and swelling in the face. Are these symptoms for the above diseases correct? If not, correct it.
- 9) A list of disorders is given below. Pick out the odd one out and give reasons. (Thalassemia, haemophilia, night blindness, albinism, sickle cell anaemia)
- 10) What are the symptoms of common cold? i) _____ ii) _____
- 11) Differentiate between the diseases night blindness and colour blindness.
- 12) After observing dark patches with itching sensation on the skin of a student in a school hostel, the warden advises his room mates not to share towels, clothes and combs among themselves. Name the disease the student is suffering from and name the causative organisms.

Section-D

4 x 5 = 20

- 13) Kala has delivered a baby, i) Suggest the immunization schedule for the baby, in the first six months. ii) What are the diseases that can be cured as per the schedule?
- 14) There is a widespread outbreak of malaria in your area. i) Suggest some controlling measures to the local authorities concerned. ii) Pick out the right symptom for malaria. (chills, shivering and a rise in temperature/diarrhoea)
- 15) a) 15th October is observed as 'Handwashing Day'. i) Tell your friend the effects of hand washing. ii) How frequently do you wash your hands everyday and when?
(OR)
b) What is immunity? Write a note on the various types of immunity.
