

Model Question Paper
Zoology-Human Physiology - Part I
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 : 70

5 x 1 = 5

Section-A

- 1) Intake of less amount of protein leads to the deficiency disease called
(a) Beri Beri (b) Rickets (c) Anaemia (d) Kwashiorkar
- 2) Each gram of lipid is capable of yielding.
(a) 9.3 calories (b) 8.2 calories (c) 7.1 calories (d) 6 calories
- 3) Deficiency of vitamin D causes
(a) Nyctalopia (b) Xerophthalmia (c) Osteomalacia (d) pellagra
- 4) The calorie requirement for IRM at heavy work during occupational activities is
(a) 1100 calories (b) 750 calories (c) 2200 calories (d) 460 calories
- 5) The normal BMI (body mass index) range for adults is
(a) 10 - 15 (b) 12 - 24 (c) 15 - 20 (d) 19 - 25

Section-B

- 6) Define carbohydrates and mention their compositions.
- 7) Classify different types of monosaccharides.
- 8) What are polysaccharides? Give examples.
- 9) List out the essential aminoacids.
- 10) What is Kwashiorkar? Mention its symptoms.

5 x 3 = 15

Section-C

- 11) List out different types of carbohydrates and their significance?
- 12) What are proteins? Briefly explain.
- 13) Why is water necessary for man?

3 x 5 = 15

Section-D

- 14) Explain the digestive processes taking place in small intestine.
- 15) Describe the mode of digestion of protein.
- 16) Enumerate the steps involved in root canal treatment.

3 x 10 = 30

