



SHIKSHA CLASSES

Sub. : Science

Question Paper

Marks : 20

Std. : VIIIth - S.B.

11. Human Body and Organ System

Time : 45 min.

Q.1(A) : Choose the correct alternative

2

- From which organ does respiratory system of man begin?
a) Trachea b) Lungs c) Alveolus d) Nose
- Which blood vessels bring deoxygenated blood to the right atrium?
a) Superior and inferior vena cava b) Pulmonary veins
c) Pulmonary artery d) Systemic aorta

Q.1(B) : Solve any one of the following question

1

- Find the odd one out.

A,O,K,AB,B.

- Match the pair.

	Group A	Group B
a)	RBC	1) 5000-6000 per mm ³
b)	WBC	2) 50-60 lakh/mm ³

- What is hypertension?

Q.2(A) : Give reason (Any One)

2

- Heart is covered by double layered pericardial membrane.
- A very large number of alveoli is present in lungs, which are covered over by capillary network.

Q.2(B) : Solve any two of the following question.

4

- Write short notes on the following : Cellular respiration :
- Under which conditions, blood is required for donation?
- Name any four proteins present in the blood plasma.
- What are the heart sounds and why are they produced?

Q.3 : Solve any two of the following question.

6

- Write the difference between Arteries and veins.
- Define the following terms:
a) Inhalation b) External respiration c) Thermoregulation
- Explain: person with 'O' blood group is considered as 'Universal donor'
- Draw neat and labeled diagram of Respiratory system.

Q.4 : Solve any One of the following question.

5

- Explain with neat digram the internal structure of heart.
- Explain the importance and need of blood donation.

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