



PHYSIOLOGY - PAPER I

QP Code: 2503

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Describe ABO blood group system. Mention the precautions to be taken before blood transfusion
2. Describe the various events of cardiac cycle

SHORT ESSAY

8 X 5 = 40 Marks

3. Define and classify anaemia based on causes
4. Explain the functions of upper respiratory tract
5. Describe the formation and functions of lymph
6. Enumerate the properties of cardiac muscle and explain "All or None" law
7. Classify hypoxia with examples
8. Draw a labeled ECG in lead II and write the causes of various waves
9. Define deglutition and describe pharyngeal stage of swallowing
10. Describe the process of facilitated diffusion

SHORT ANSWERS

10 X 2 = 20 Marks

11. List the function of saliva
12. Define the Starling's law of heart
13. Write the physiological importance of A-V nodal delay
14. Name the various plasma proteins
15. Mention the composition of inspired air
16. Define vital capacity and write the normal values
17. State the functions of bile salts
18. What is cyanosis? Where is it observed?
19. Write steps of haemostasis
20. Write the functions of large intestine

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