

TD241450D

Reg. No.....

Name.....

DIPLOMA EXAMINATION, NOVEMBER 2024

(2024 Admission Regular)

SEMESTER- 1: SKILL COURSE

DIPLOMA IN HEALTHCARE ASSISTANCE

VHA1SO1D23- ANATOMY AND PHYSIOLOGY

Time: 3 Hours

Maximum Marks : 60

PART A

I. Answer all questions. Each question carries 1 mark.

A. Choose the correct answer

1. Nerve supply to eye is by (Optic nerve , Vagus nerve , auditory nerve)
2. is the fundamental unit of kidney (Nephron , Neuron , Ureter)
3. is the muscular Organ (Blood , Heart , Brain)
4. Muscular layer of heart is called (Endometrium , Myometrium , Myocardium)
5. Right side of heart has valves (1,2,3,4)

B Match the following

- | | |
|-----------------------|-----------------|
| 6. Alveoli | Heart |
| 7. Cochlea | Lungs |
| 8. SA node | Ear |
| 9. Absorption of food | Abdomen |
| 10. Peritoneum | Small intestine |

C State True / False

11. Liver is the largest solid internal organ in the body (True/False)
12. There are 200 bones in adult human body True/False)
13. Systolic blood pressure is the pressure when heart is at rest (True/False)
14. Aorta carries deoxygenated blood (True/ False)
15. Islets of Langerhans found in Stomach (True/ False).

D Answer in one word

16. Lungs covered by a layer is called?
17. The largest part of brain is
18. Space between two neurons called
19. Which blood group is 'Universal donar'?
20. Rugae is found inorgan.

(20×1=20)

PART B

II. Answer any 5 questions. Each question carries 2 marks

21. Enlist four hormones of Anterior pituitary gland.
22. Explain the types of tissues
23. Name 4 organelles in the cell
24. Enlist the organs of Thoracic cavity
25. List down the internal female reproductive system.
26. Enumerate the parts of Large intestine.
27. What is homeostasis?

(5×2= 10)

PART C

III. Answer any 4 questions. Each question carries 5 marks.

28. Explain blood group. What is Rh incompatibility?
29. Explain type of muscles with examples
30. Explain the bones of cranium
31. Explain the mechanism of respiration
32. Draw diagram Stomach . Label the parts.
33. What are functions of Liver?

(4×5= 20)

PART D

IV. Answer any one question. The question carries 10 marks

34. Draw and label human urinary system. Explain formation of urine.
35. Explain the human brain structure with the help of diagram.

(1×10=10)