

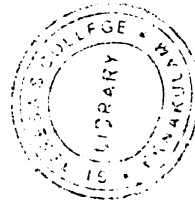
DIPLOMA EXAMINATION, NOVEMBER 2023
(2023 Admission Regular)
SEMESTER 1 - (SKILL COURSE)
(HEALTH CARE ASSISTANCE)
VHA1SO1D23- ANATOMY AND PHYSIOLOGY

Time: 3 Hours**Maximum Marks: 60****PART A****I. Answer all questions. Each question carries 1mark.****A. Choose the correct answer**

1.is the part of middle ear (Cochlea, pinna, Eustachiantube)
2.is the fundamental unit of kidney (Nephron, Neuron, Cells)
3.is the connective tissue (Blood, Heart, Brain)
4. Muscular tissue of heart is called (Endometrium, Myometrium, Myocardium)
5. Liver has.....lobes(1,2,3,4)

B. Match the following

- | | |
|------------------------|-----------------|
| 1. Rod sand cones | Heart |
| 2. Alveoli | Vertebrae |
| 3. SA node | Large intestine |
| 4. Absorption of water | Eye |
| 5. Atlas | Lungs |

**C. State True/False**

1. Femur is the largest bone in the body (True/False)
2. Cell is the fundamental unit of all living organism (True/False)
3. Systolic pressure indicates pressure when heart at rest (True/False)
4. Pulmonary vein carries deoxygenated blood (True/False)
5. 'Loop of Henle' is associated with urinary system (True/False).

D. Answer in one word

1. Muscular layer of uterus is called?
2. Inflammation of the stomach is called?
3. Blood clotting is associated with which cells in the blood?
4. Which blood group is 'Universal recipient'?
5. Bowman's capsule is found in?

(20x1=20)

PARTB

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

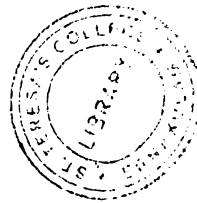
1. Enlist the organs of digestive system.
2. Explain the types of tissues
3. Name 4 organelles in the cell
4. Enlist the organs of Cranial cavity
5. List down the internal female reproductive system.
6. Explain the mechanism of respiration
7. Name the bones of pelvic girdle.

(5×2=10)

PARTC

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

1. What are sense organs. State the function of each organ.
2. List down the functions liver
3. Explain the bones of upper limbs
4. What is integumentary system?
5. Draw diagram of a human tooth. Label the parts.
6. Explain the components of blood.



(4×5=20)

PARTD

IV. Answer any one question. Each carries 10 marks

1. What are Endocrine glands? Explain about its hormones and state any one function of each hormone.
2. What is urinary system? Explain with diagram. State stages of urine production.

(1×10=10)