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EXAMINATION: DECEMBER 2023

SEMESTER - I

Sub. : Basics of Anatomy & Physiology (103)

Date: 07/12/2023

Total marks: 60

Time: 10.00 pm to 12.30 pm

Instructions:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.

Q.1 Multiple choice questions. (10)

1. How many chambers do human heart have _____ ?
a) 2
b) 4
c) 6
d) 1
2. Organ which continues immediately after stomach is _____
a) Duodenum
b) jejunum
c) ileum
d) rectum
3. Normal pulse rate is ___/min
a) 70-80
b) 20-30
c) 40-50
d) 90-100
4. Heart sounds are due to _____
a) Heart valves
b) lungs
c) brain
d) respiration
5. Cardiac muscle is _____
a) Voluntary
b) involuntary
c) both a and b
d) none of the above
6. Thyroxin is a hormone secreted by _____
a) Pancreas
b) kidney
c) thyroid gland
d) adrenal gland
7. _____ is a functional unit of respiratory system.
a) Neuron
b) Alveoli
c) Bronchi
d) Trachea
8. Sperm is _____
a) Male germ cell
b) Female germ cell
c) Both
d) None of them
9. Normal respiratory rate is _____
a) 12-16
b) 40-50
c) 70-80
d) 5-6
10. _____ is a part of excretory system
a) Urethra
b) Ileum
c) Spleen
d) Liver

Q.2 Write short notes. (Any four) (20)

1. Write about muscle and types of muscles.
2. Write about brain and spinal cord.
3. What is bile and write about functions of bile.
4. Urine formation
5. Female reproductive system
6. Cardiac cycle

Q.3 Write any two answers. (Any Two) (30)

- 1) Gastro-intestinal system-anatomy and its functions.
- 2) Respiratory system-anatomy and functions.
- 3) Thyroid gland – anatomy and functions.