

**Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

**Q.36** Explain ovarian cycle, also draw its diagram.

Q.37 Classify the circulation of blood.

**Q38** Enlist the various endocrine glands present in the body. Discuss Adrenal gland in detail.

**2nd Sem./Branch : DMLT**

**Subject:- Anatomy & Physiology-II**

Time : 3Hrs.

M.M. : 100

## SECTION-A

**Note:** Multiple choice questions. All questions are compulsory (10x1=10)

Q.1 Which type of blood vessels carries deoxygenated blood?

- a) Veins                      b) Arteries  
c) Nerves                    d) All

Q.2 Heart muscles are called

- a) Skeletal                      b) Pheromones  
c) Cardiac                      d) None of these

Q.3 Connection between axon and dendrite is called

- a) Synapsis                      b) Synapse  
c) Desmosome                 d) Tight junction

Q.4 Auditory center is present in

- a) Medulla oblongata      b) Temporal lobe  
c) liver                      d) Pons

Q.5 BP can be measured with

- Sphygmomanometer
- Stethoscope
- Pulse Oximeter
- Thermometer

- Q.6 Endocrine glands secrete their secretion
- Directly into blood
  - Directly to the target organ
  - Into a duct
  - None of these
- Q.7 Fallopian tube are also known as
- Uterine Tubes
  - Oviducts
  - Both A&B
  - None
- Q.8 Act of passing urine is called
- Defection
  - Excretion
  - Micturition
  - Cessation
- Q.9 Which one the following are female sex hormones
- Insulin
  - Aldosterones
  - Estrogen
  - Pheromones
- Q.10 Cranial nerves are
- 2 Pairs
  - 33 Pairs
  - 12 Pairs
  - None

### SECTION-B

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Islets of langerhans are found in \_\_\_\_\_.
- Q.12 Pituitary gland is known as the \_\_\_\_\_ of the body.
- Q.13 The normal BP of human body is \_\_\_\_\_.
- Q.14 Smooth muscles are in \_\_\_\_\_ nature.
- Q.15 What is ovulation.
- Q.16 Expand TSH & FSH
- Q.17 Testes secrete \_\_\_\_\_ hormone.
- Q.18 The outer ear includes \_\_\_\_\_
- Q.19 Full form of ECG is \_\_\_\_\_
- Q.20 The menstruation begins at the age of \_\_\_\_\_

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### SECTION-C

**Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Differentiate between skeletal & cardiac muscle with diagram.
- Q.22 Differentiate between arteries and veins.
- Q.23 Draw a labelled diagram of human ear.
- Q.24 Write a note on female reproductive system.
- Q.25 What are the functions of pituitary glands?
- Q.26 Give the functions of ovaries.
- Q.27 Explain the structure of tongue with the help of a diagram.
- Q.28 Draw a well labeled diagram of human brain.
- Q.29 Outline four important factors affecting blood pressure.
- Q.30 Write a short note on the functions of the various secretions of thyroid gland.
- Q.31 Write four important function of lymphatic system.
- Q.32 Write the role of insulin in body, also name and draw the organ which secretes it.
- Q.33 Write a note on conduction system of the heart.
- Q.34 Write a note on spinal cord
- Q.35 Explain muscle fatigue

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