

- Q.27 What are the function of ovary?
 Q.28 Describe physiology of Vision.
 Q.29 Explain conduction system of heart.
 Q.30 Describe composition of blood.
 Q.31 Draw a well labelled diagram of male reproductive system.
 Q.32 Explain physiology of hearing.
 Q.33 How will you differentiate smooth muscle and cardiac muscle?
 Q.34 what is pulse. Enlist the factor affecting pulse rate.
 Q.35 Write a note on pituitary gland and its secretion.

SECTION-D

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

- Q.36 Draw a labelled diagram of testes and write its function
 Q.37 Give a comprehensive account on lymphatic system.
 Q.38 Enlist the various endocrine glands present in the body. Discuss in details the pancreas gland.

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Roll No.

Branch : Medical Lab Technology
Subject : Anatomy and Physiology-II

Time : 3 Hrs.

M.M. : 100

SECTION-A

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

- Q.1 The middle ear is formed by _____ bones.
 a) 1 b) 2
 c) 3 d) 4
- Q.2 Respiratory centre present in
 a) Medulla oblongata b) Cerebrum
 c) Cerebellum d) Pons
- Q.3 Which of these is not an endocrine gland
 a) Pancreas b) Testes
 c) Parathyroid gland d) Liver
- Q.4 Adrenal glands are _____ in number.
 a) 4 b) 3
 c) 2 d) 1
- Q.5 The muscular system is made up of more than _____ muscles

- a) 600 b) 400
c) 200 d) 250
- Q.6 Major proteins present in muscles are
a) Actin b) Myosin
c) Actin and Myosin d) Thymosin
- Q.7 Heart sounds can be heard with the
a) Sphygmomanometer b) Stethoscope
c) Pulse Oximeter d) Thermometer
- Q.8 The blood cells that play role in blood coagulation are
a) WBC b) RBC
c) Platelets d) Basophils
- Q.9 the release of ova by ovary is known as
a) Germination b) Ovulation
c) Fertilization d) Copulation
- Q.10 Menstrual cycle consists of _____ phases
a) 3 b) 4
c) 5 d) 2

SECTION-B

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

- Q.11 Cerebrum is also known as midbrain. (T/F)

- Q.12 Cardiac muscles are found only in the walls of _____.
- Q.13 Chambers of heart are _____ in number.
- Q.14 Muscle cells do not result in movements of force. (T/F)
- Q.15 _____ hormone is secreted by parathyroid glands.
- Q.16 The outer ear includes _____ and _____.
- Q.17 AV node is also known as the pace setter of heart. (T/F)
- Q.18 Testosterone hormone is secreted by ovaries in female. (T/F)
- Q.19 Ovaries produce sperms. (T/F)
- Q.20 The menstruation begins at the age of _____ years.

SECTION-C

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

- Q.21 Write the short note on cardiac muscle.
- Q.22 Write a short note on thyroid gland.
- Q.23 Write the function of nervous system.
- Q.24 Describe the physiology of muscle contraction.
- Q.25 What is ovulation? How does it take place?
- Q.26 Describe about different kind of taste buds in tongue.