

- 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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**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)

- 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.