

- Q.28 What are the physical characteristics and chemical composition of urine.
- Q.29 Write about the classification of bone in human body.
- Q.30 What is skeleton system. What are the functions of skeletal system.
- Q.31 Name the various system of body with one function.
- Q.32 Draw a labeled diagram of lungs in respiratory system.
- Q.33 Draw label diagram of structure of skin with different layers and glands.
- Q.34 Define TLC, IRV, ERV & TV
- Q.35 Draw label diagram of the different parts of stomach.

SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 What is digestion? Name the all main and accessory organ that takes part in digestion? Also draw a label diagram of Digestive system of human body.
- Q.37 What is urinary system? Draw label diagram of excretory system with position of kidney. Briefly explain the steps involved in urine formation.
- Q.38 What is respiration? Write down about the procedure of gas exchange in respiratory system.

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DMLT
Subject:- Anatomy & Physiology I

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 Respiration is of two types
- a) back and fro b) internal and external
c) both d) none
- Q.2 BMR means
- a) Basal metabolic rate
b) Basic metabolism respiration
c) Both
d) None
- Q.3 Color of urine is
- a) blue b) white
c) pale amber d) none
- Q.4 The urinary system consist of
- a) Kidney b) urethra
c) urinary bladder d) all
- Q.5 Urine is formed in
- a) Heart b) nephron

- c) Brain d) all
- Q.6 The articulation of Joint is formed between
 a) Bone and muscle b) Bone and ligament
 c) Bone and Bone d) all
- Q.7 Digestion of food takes place in
 a) Heart b) kidney
 c) stomach d) none
- Q.8 TLV means
 a) Television b) tidal volume
 c) Total Lung Capacity d) none
- Q.9 Group of cells that have similar structure and function termed as
 a) Tissue b) organ
 c) cell d) none
- Q.10 The outermost covering of the body is
 a) Skin b) heart
 c) liver d) stomach

SECTION-B

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

- Q.11 The organ between esophagus and small intestine is _____
- Q.12 There are _____ kidney and _____ ureter in urinary system.
- Q.13 Expand RBC.

- Q.14 Total no. of bones in human body is _____
- Q.15 _____ is used to measure the all TV, VC, IRV & ERV
- Q.16 Essential nutrient of our diet are _____ and _____
- Q.17 _____ is the structural and functional unit of kidney.
- Q.18 Inhaling of O_2 is _____ and exhaling of CO_2 is _____
- Q.19 Suicidal bag of cell is _____
- Q.20 Blood is a _____ tissue.

SECTION-C

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

- Q.21 Draw the label diagram of all component of animal cell.
- Q.22 What is a nervous tissue? Draw the labeled diagram of neuron.
- Q.23 What is a tissue? Name the four different types of tissue in human body.
- Q.24 Write five functions of skin.
- Q.25 Name the different types of minerals that are necessary for healthy growth and development of body.
- Q.26 What are vitamins? Name the different types of vitamins that are necessary for healthy growth and development.
- Q.27 What is digestive system? Name the all organ of alimentary canal.