

- Q.27 What is digestion? Name the organ that takes part in digestion of alimentary canal
- Q.28 What is composition of urine.
- Q.29 Write five functions of skeletal system.
- Q.30 Name the different types of bone in human body.
- Q.31 What is physiology? Name the various system of body.
- Q.32 Write down the functions of respiratory system.
- Q.33 Draw label diagram of skin.
- Q.34 What is TV, VC, IRV, ERV
- Q.35 What are vitamins. Name the different types of vitamins that are necessary for healthy growth and development.

#### SECTION-D

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

- Q.36 What is digestive system? Name the accessory organ that takes part in digestion? Also draw the label diagram of Digestive system of human body.
- Q.37 What is excretory system? Draw label diagram of urinary system. Name the main steps of urine formation by kidney in human body.
- Q.38 What is respiratory system? Explain anatomy and physiology of lungs.

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Roll No. ....

**1st Sem / DMLT**

**Subject:- Anatomy & Physiology - I**

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 Gas exchange occurs in
- |          |          |
|----------|----------|
| a) Lungs | b) heart |
| c) skin  | d) liver |
- Q.2 BMR means
- |                                 |
|---------------------------------|
| a) Basal metabolic rate         |
| b) Basic metabolism respiration |
| c) Both                         |
| d) None                         |
- Q.3 Structural and functional unit of kidney is
- |         |            |
|---------|------------|
| a) skin | b) nephron |
| c) both | d) none    |
- Q.4 Liver is part of
- |                   |                     |
|-------------------|---------------------|
| a) Micturation    | b) respiration      |
| c) urinary system | d) Digestive system |

- Q.5 Organ of excretion is  
 a) Heart                              b) Kidney  
 c) Brain                                d) all
- Q.6 Joint is formed between  
 a) Bone and muscle      b) Bone and ligament  
 c) Bone and Bone        d) all
- Q.7 Absorption of digested food takes place in  
 a) Heart                              b) kidney  
 c) small intestine        d) none
- Q.8 TV means  
 a) Television                      b) tidal volume  
 c) both                                d) none
- Q.9 Group of tissues form  
 a) Tissue                              b) organ  
 c) cell                                  d) none
- Q.10 Largest bone of the body  
 a) Femur                              b) heart  
 c) knee                                d) ribs

### SECTION-B

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

- Q.11 The prime organ of digestive system is \_\_\_\_\_
- Q.12 Removal of waste product from the body is called \_\_\_\_\_

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- Q.13 Cardiac muscle is an \_\_\_\_\_ muscle.
- Q.14 An adult's skeleton contains \_\_\_\_\_ bones.
- Q.15 The instrument used for measure the respiratory volume is \_\_\_\_\_
- Q.16 Essential nutrient of our diet are \_\_\_\_\_ and \_\_\_\_\_
- Q.17 \_\_\_\_\_ is the organ where urine is store in body.
- Q.18 Two types of respiration are \_\_\_\_\_ and \_\_\_\_\_ respiration .
- Q.19 Power house of cell is \_\_\_\_\_
- Q.20 External surface of body is covered by \_\_\_\_\_ 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 cell.
- Q.22 What is neuron? Draw the labeled diagram of part of neuron cell.
- Q.23 Define tissue? Write the name of different types of tissue in human body.
- Q.24 Write five functions of skin.
- Q.25 Draw a label diagram of parts of stomach.
- Q.26 What are minerals? Name the different types of minerals that are necessary for healthy growth and development of body.

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