

## **SECTION-B**

**Note:**Short answer type questions. Attempt any six questions out of eight questions. (6x5=30)

- Q.11 Draw a well labeled diagram of digestive system.
- Q.12 Write a brief note on chromosomal theory of inheritance
- Q.13 Write a short note on autonomic nervous system.
- Q.14 Differentiate between chromosome & genes.
- Q.15 Give the physiology of respiration.
- Q.16 Write a short note on formation of urine.
- Q.17 Give the different functions of pancreas?
- Q.18 Write a short note on male reproductive system

## **SECTION-C**

**Note:**Long answer type questions. Attempt any one question out of two questions. (10x1=10)

- Q.19 Write in detail about DNA replication.
- Q.20 Explain Respiratory system & its mechanism with neat and clean diagram.

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**Level 3, 2nd Sem. / DVOC (Medical Imaging Tech)**

**Subject : Applied Biology-II**

Time : 2 Hrs.

M.M. : 50

## **SECTION-A**

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

- Q.1 Expand DNA & RNA
- Q.2 Give the pH of urine.
- Q.3 Why the spinal cord is important for humans?
- Q.4 What is haemophilia?
- Q.5 Name any two important glands of the body?
- Q.6 Define translation?
- Q.7 Name any two chromosomal disorders in humans?
- Q.8 What is the function of heart?
- Q.9 What are nephrons?
- Q.10 Name the tests come under renal function test?