

SECTION-B

Note: Short answer type questions. Attempt any six questions out of eight questions. $6 \times 5 = 30$

Q.11 Draw a well labeled diagram of kidney.

Q.12 Write a brief note on chromosomal theory of inheritance.

Q.13 What is DNA fingerprinting?

Q.14 Write a note on blood grouping.

Q.15 Give the functions of pituitary gland.

Q.16 Write a short note on Thalassemia.

Q.17 Enumerate the functions of liver.

Q.18 Write a short note on menstrual cycle.

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions. $1 \times 10 = 10$

Q.19 Write in detail about cardiac vascular system.

Q.20 Explain Respiratory system & its mechanism with neat & clean diagram.

No. of Printed Pages : 2

Roll No.

188524

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

Subject : Applied Biology-II

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short answer type questions. All questions are compulsory $(10 \times 1 = 10)$

Q.1 Expand CNS.

Q.2 What are neurotransmitters?

Q.3 Give the importance of DNA.

Q.4 Give one function of Pancreas.

Q.5 Name any two important endocrine glands.

Q.6 Define transcription.

Q.7 Name any two chromosomal disorders in humans.

Q.8 Name the cardiac muscles of heart.

Q.9 What is sex determination?

Q.10 Name the tests comes under liver function test.