

No. of Printed Pages : 4
Roll No.

188524

2nd Sem / (DVOC) Medical Imag. Tech.
Subject : Applied Biology - II

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note:Very short questions. Attempt all ten questions.
(10x1=10)

- Q.1 Expand DNA
- Q.2 Down's Syndrome is _____ disorder.
- Q.3 Give one function of pancreas
- Q.4 Nephron is _____
- Q.5 Arteries carry _____ blood
- Q.6 The number of chambers heart has _____.
- Q.7 RNA is _____ stranded.
- Q.8 Fertilization takes place in _____ fallopian tubes.
- Q.9 The duration of cardiac cycle is.

Q.10 _____hormone prevents dropping of blood glucose levels.

SECTION-B

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

Q.11 Explain in brief the process of Urine formation.

Q.12 Describe DNA fingerprinting.

Q.13 Enumerate the various events in menstrual Cycle.

Q.14 Describe in brief Peripheral Nervous System.

Q.15 Write down the function of digestive system.

Q.16 Enlist the differences between chromosomes and genes.

Q.17 List various parts of respiratory track and give their functions.

Q.18 Write down the functions of pituitary gland.

SECTION-C

Note: Long answer questions. Attempt any one questions out of two questions. (1x10=10)

Q.19 i) Draw a well labelled diagram of neuron and describe its structure.

ii) Write a short note on fertility control.

Q.20 Define Chromosomal disorders. Name and explain any two chromosomal disorders.