

SECTION-B

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

- Q.11 Name the parts of the nucleus and write down its function.
- Q.12 Draw a well labelled diagram of a Prokaryotic Cell.
- Q.13 List down the functions of proteins and lipids.
- Q.14 Define Muscle. Name the types of Muscle with an example of each.
- Q.15 Draw a well labelled diagram of tongue.
- Q.16 Explain briefly the mechanism of glycolysis.
- Q.17 Define a Gland. Name the different glands present in a Human body.
- Q.18 List down the uses of skeleton in our body.

SECTION-C

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

- Q.19 Explain the process of mitosis with the help of a diagram.
- Q.20 Define and
- (i) Write down the functions of:-
- (a) Chromosomes (b) Ribosomes
- (ii) How grouping of blood is done? Name the major blood groups of human beings.

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Roll No.

(Level 3)

1st Sem. /DVOC (Medical Imaging Tech.)

Subject : Applied Biology-I

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very Short Answer Type Questions. All Questions are Compulsory. (10x1=10)

- Q.1 Living substance present in the cell is Called _____ (protoplasm/Chromoplasm)
- Q.2 Cellular respiration use one molecule of glucose to produce _____ ATP molecules.
- Q.3 Area where two or more bones join together _____.
- Q.4 Cell which has well-defined nucleus _____.
- Q.5 Define Cell organelles _____.
- Q.6 Give an example of tissue.
- Q.7 _____ is an example of Smooth muscle.
- Q.8 Give an example of ball and socket joint.
- Q.9 _____ transfers characters from Parents to offsprings.
- Q.10 Meiosis results in daughter cell with _____ the number of Chromosomes as the parent cells

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