

SECTION-B

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

- Q.11 Define Cell Membrane and state its function.
- Q.12 Differentiate between mitosis and meiosis
- Q.13 Draw a well labelled diagram of a eukaryotic cell
- Q.14 Define Enzymes. Name the types of enzymes. and briefly define each type
- Q.15 Write down the main functions of blood in Human beings.
- Q.16 Name the various components of blood. Write any two function blood in Human body.
- Q.17 Explain in brief the classification and functions of tissues in Human body.
- Q.18 Draw a well labelled diagram of Human Eye.

SECTION-C

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

- Q.19 (i) Write a short note on nucleus of a cell
(ii) Briefly explain the various types of joints in human body
- Q.20 Define Proteins. Explain in brief the structure of proteins

No. of Printed Pages : 2

Roll No.

188512

**Level -3, 1st Sem. / DVOC (Medical Imaging Tech)
Subject : Applied Biology-I**

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 The basic, functional unit of life is _____
- Q.2 Define Plastids.
- Q.3 The organism which can be seen only with the microscope is called _____
- Q.4 Name any one Gland.
- Q.5 Mitosis is the severation of cell into _____ nuclei.
- Q.6 Give an example of Prokaryotic cell
- Q.7 _____ cell is the longest in human body (Muscle Cell/ Nerve Cell)
- Q.8 Meiosis takes place in _____ cells ATP molecules
- Q.9 Glycolysis provide a cell _____ net gain of
- Q.10 _____ controls the function of the cell (Cell membrane/ Nucleus)

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(ii) Briefly explain the various types of joints in human body
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