

Time: 3 Hrs

(Science Group)

Max. Marks: 85

## SECTION A (COMPULSORY)

## MULTIPLE CHOICE QUESTIONS (Marks: 15)

Q.1 Choose the correct answer for each from the given options:

- (i) Nostoc belongs to:  
 ☆ Cocci bacteria ☆ Eubacteria  
 ☆ Cyanobacteria ☆ None of these
- (ii) The group of Marchantia:  
 ☆ Hepaticae ☆ Musci  
 ☆ Mosses ☆ Anthocerotae
- (iii) These are exclusively marine:  
 ☆ Protozoa ☆ Annilida  
 ☆ Mollusca ☆ Echinodermata
- (iv) Lack of enzyme is found in:  
 ☆ Saliva ☆ Gastric juice  
 ☆ Bile ☆ Pancreatic juice
- (v) Kitab-ul-Manazir is written by:  
 ☆ Bu Ali Sina ☆ Abdul Malik Asmai  
 ☆ Al Farabi ☆ Ibn-ul-Haitham
- (vi) Cuscuta is a leafless plant. It is:  
 ☆ Total parasite ☆ Partial parasite  
 ☆ Saprophyte ☆ Symbiont
- (vii) The part of brain associated with intelligence, memory, etc. is:  
 ☆ Cerebrum ☆ Cerebellum  
 ☆ Pons ☆ Medulla oblongata
- (viii) The outermost whorl of a flower is:  
 ☆ Calyx ☆ Corolla ☆ Androecium ☆ Gynoecium
- (ix) The sensory layer of an eye ball is:  
 ☆ Cornea ☆ Retina ☆ Choroid ☆ Sclerotic
- (x) Energy is used to move molecules by:  
 ☆ Diffusion ☆ Osmosis  
 ☆ Active transport ☆ Passive transport
- (xi) Nephrons are connected with:  
 ☆ Respiratory system ☆ Nervous system  
 ☆ Circulatory system ☆ Excretory system
- (xii) Muscles are attached to the bone by:  
 ☆ Ligament ☆ Tendon  
 ☆ Both ligament and tendon ☆ Capsule
- (xiii) Name of technique discovered by Louis Pasteur is:  
 ☆ Radiation ☆ Pasteurization  
 ☆ Fermentation ☆ Sterilization
- (xiv) The basic unit of inheritance is:  
 ☆ Chromosome ☆ Gene  
 ☆ Nucleoplasm ☆ Nucleus
- (xv) Green plants in an ecosystem are:  
 ☆ Producers ☆ Consumers  
 ☆ Decomposers ☆ None of these
- (xvi) Plasmodium causes:  
 ☆ Typhoid ☆ Malaria  
 ☆ Cholera ☆ Influenza
- (xvii) The tissues that conduct water and salts from the soil to the leaves in plant is:  
 ☆ Xylem ☆ Phloem ☆ Cambium ☆ All of them
- (xviii) It is called powerhouse of the cell.  
 ☆ Mitochondria ☆ Golgi bodies  
 ☆ Centriosome ☆ Ribosome