

SECTION-A**Note:**

- 1) Attempting all MCQs is compulsory. This paper along with the OMR sheet must be returned to the superintendent after due time.
- 2) Fill the circle (A)(B)(C)(D), which one is correct with blue or black ball point in separate OMR Sheet like
- 3) If more than one circle in the OMR sheet is filled then no credit will be given to such answer.

I.i. Oxygen from the lungs enter into the blood due to

- Diffusion Less affinity of O₂ for air. Higher affinity of CO₂ for air Osmosis

ii. The loss of water from the plants in the form of small droplets is _____.

- Stomatal transpiration Cuticular transpiration Lenticular transpiration Guttation

iii. _____ carry impulses from sense organs to the CNS.

- Sensory neurons Motor neurons Associative neurons Cerebrum

iv. One of the following is a muscular layer of the eye ball :

- Retina Sclera Cornea Cone

v. The main protein in the matrix of Cartilage is _____.

- Collagen Osteonectin Keratin Actin

vi. Muscles are attached to bones by:

- Ligaments Tendons Cartilage None of these

vii. In a flower embryo sac is formed inside the _____.

- Anther Filament Ovule Style

viii. All multicellular animals develop from a single cell , called :

- Egg Zygote Sperm Blood cells

ix. Phenoty is the expression of _____.

- Genetic make up Physical make up Chemical composition Metabolism

x. An Ecological pyramid refers to the _____.

- Pyramid of Energy Pyramid of number Pyramid of Biomass All of these

xi. In a technique for genetic engineering ,rDNA Stands for :

- Genetic make up Replicative DNA Recombinant DNA Retro DNA

xii. Vaccines can be administered through _____.

- Injections Mouth Nose All of these