

Note : There are THREE sections in this paper I.e. Section A , B and C.

Attempt Section -A on the same paper and return it to the superintendent within the given time.

No marks will be awarded for Cutting ,Erasing or Overwriting. Marks of Identification will lead to UFM Case. Mobile Phone etc are not allowed in the examination hall.

Section- A

Q-1 write the correct option I.e A, B, C or D in the empty box provided opposite to each part.

- Cell wall of fungi is made up of (B)
A.cellulose, B.chitin C.Starch D.None of these
- In plant cells golgobodies are also called.....(B)
A.Cytochromes B,Lysosomes C,Centosome D.None of these
- Biometry is the applications ofin biology.(B)
A.Algebra B ,Statistics C,Matrix D,Geometry
- Goiter is caused due to deficiency of..... (C)
A,Hemoglobin B,Calcium C,Iodine D,Protein
- The Galbladder..... (B)
A.Produces B,Produces bile C,Tracheids D,Sieve Tubes
- Phloem is composed of companion cells ,phloem parenchyma and..... (D)
A.vessels B.fibres C.Tracheids D.Sieve Tubes
- New cell arises from..... (D)
A.soil B.tissues C,organ D,pre existing cell
- Bacteria belongs to the kingdom fo.....(B)
A,fungi B ,Protista C.Monera D.plants
- Most of the plants acquire their nitrogen mainly in the form of (D)
A,CN₂H₂ B,N₂ C,NH₃ D,Hypothesis
- Study of internal structure of living bodies is called.....(C)
A,Morphology B,Physiology C.Anatomy D.Histology
- Recorded observations and measurements are called..... (D)
A,Information B,Data C,Conclusion D,Hypothesis
- Malaria is derived fromwords. (D)
A,Greek B,English C,Arabic D,Italian

Section -B

Q -II Answer any 8 parts .

- Differentiate between active transport and passive transport.
- What is the role of dietary fibre in food?
- Define the Terms.(i)Tissue (ii) Species (iii)Population (iv)Community
- What is meant by leukemia?Explain.
- Differentiate between paleontology and Biotechnology.
- Write short note on Golgi Complex.
- Write down the contributions of Bu Ali Sina in the field of biology.
- Draw a labeled diagram of chloroplast.
- Describe the main points of cell Theory?
- Briefly explain the arterial system of human body.
- Write four characteristics of Enzymes.

Section-C

Q-III(a)Describe Apoptosis and Necrosis.

(b)Describe Light and Dark Reactions of Photosynthesis.

Q-IV write a detailed note on the composition of human blood.]

Q- (a)Explain Meristematic tissues in Plants.

(b)Differentiate between Mitosis and Meiosis.

Q-(a)Describe the importance of Binomial Nomenclature?

(b)Describe the structure and role of stomach in digestion of food.