

BN-XXXVII-I
BIOLOGY (9th)
(Fresh / Re-appear)

Time allowed: 2:40 Hrs

Marks : 53

SECTION- B & C

Note: Attempt section B & C accordingly.

SECTION -B

Marks: 32

Q.No 2. Attempt any EIGHT parts of the following. All parts carry equal marks.

- i. Define Morphology, Microbiology, Parasitology and Pharmacology.
- ii. What do you know about important elements in Biology?
- iii. Differentiate between diffusion and osmosis.
- iv. Write the A.F.A King hypothesis of malaria.
- v. Mention the advantages of Binomial nomenclature.
- vi. Distinguish between Magnification and Resolution.
- vii. Briefly explain prophase-I in meiosis-I.
- viii. Describe effect of light intensity on the rate of photosynthesis.
- ix. Write note on the role of vitamin-D.
- x. Differentiate peristalsis from anti-peristalsis.
- xi. Write down note on the structure of Artery.

SECTION -C

Marks: 21

Note: Attempt any THREE of the following. All questions carry equal marks

- Q.No:3.a) Discuss Muslim scientists and their contributions in biology.
- b) Differentiate kingdom Monera from kingdom Protista.
- Q.No:4.a) Explain Animal tissues in detail.
- Q.No:5.a) Write down factors that influences enzyme reaction rates.
- b) Discuss the structure of chloroplast.
- Q.No:6.a) Discuss the digestion and absorption of food in jejunum and ileum in digestive system.
- b) Describe the function of blood.