

**NOTE:** There are three sections of this paper. Carefully read the instructions for each section and attempt accordingly. Attempt all questions of Section-A and return it to the Superintendent within given time, even if you have not attempted any question. No marks will be awarded for cutting/erasing/overwriting.

### SECTION-A

Time Allowed: 20 Minutes

Max. Marks: 12

1. There are four possible answers (A, B, C, D) for each question. Select the correct one and write it in the answer box.

- i. One cubic milliliter of blood contains red blood cells: [A] 2 million, B) 3 million, C) 4 million, D) 5 million] .....
- ii. Aquatic animals excrete nitrogenous wastes in the form of: [A] ammonia, B) nitric acid, C) hydrochloric acid, D) uric acid] .....
- iii. In paramecium the organs of locomotion are: [A] flagella, B) cilia, C) wing, D) pseudopodia] .....
- iv. Joints of skull is an example of: [A] movable joint, B) synovial joint, C) immovable joint, D) partially movable] .....
- v. The number of pair of nerves arising from the human brain are: [A] 10, B) 12, C) 21, D) 32] .....
- vi. Progesterone helps in: [A] growth of sexual organ, B) development of breasts, C) growth of uterus, D) growth of placenta] .....
- vii. The uppermost part of the carpels is called: [A] sepals, B) style, C) stigma, D) ovary] .....
- viii. The grafted part is called: [A] stock, B) scion, C) cutting, D) layer] .....
- ix. Nucleus of the cell contain genes on the: [A] nuclear membrane, B) nucleolus, C) chromosomes, D) nuclear fluid] .....
- x. Variation is not produced by: [A] crossing over, B) mutation, C) random fertilization, D) use and disuse of certain organs by organism] .....
- xi. Diarrhoea and food poisoning are caused by: [A] bacteria, B) virus, C) fungi, D) plasmodium] .....
- xii. The cause of acid rain is: [A] CO<sub>2</sub>, B) SO<sub>2</sub>, C) CO, D) SO<sub>3</sub>] .....