

Physiology

M.M. : 90

Time : 3 Hours

Section - A

All questions are compulsory. Answer to each question upto 5 lines in length. Each question carries 2 Marks. [20]

1. Golgi apparatus.
2. Neutrophilia.
3. Synaptic Delay.
4. Diabetes Insipidus.
5. S.A. Node.
6. Peristalsis.
7. Horner's syndrome.
8. Vital capacity.
9. Feeding centres.
10. Essential amino acids.

Section - B

Attempt any 8 questions. Answer to each question upto 2 pages in length. Each question carries 5 Marks. [40]

1. Parkinson's disease.
2. Middle ear.
3. Fight and Flight response.
4. Conduction of Action potential.
5. Functions of Parathyroid hormone.
6. Chemical regulation of Respiration.
7. Facilitated diffusion.
8. Functions and fate of hemoglobin.
9. Micturation reflex.
10. Pyramidal tracts.
11. Gastric Juice.
12. Oxygen debt.

Section - C

Attempt any 2 questions. Answer to each question upto 5 pages in length. Each question carries 15 Marks. [30]

1. Discuss the Cardiovascular effects of exercise.
2. Describe in detail the Regulation of Body temperature.
3. Discuss the Excitation Contraction Coupling.
4. Describe the source and functions of Growth Hormone.