

B.P.T. [1st Prof.]

BF/2009/07

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. Synaptic delay.
3. Feeding center.
4. Immunoglobulins.
5. Heart sounds.
6. Residual volume.
7. Cerebrospinal Fluid.
8. Homeostasis.
9. Essential Amino acids.
10. Glomerular Filtration Rate.

SECTION - B

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

1. Chemical regulation of respiration.
2. Parkinsons disease.
3. Action potential.
4. Visual pathway.
5. Vital capacity and factors affecting it.
6. Micturation reflex.
7. Pyramidal tracts.
8. Jaundice.
9. SA Node.
10. Hemoglobin.
11. Gastric juice.
12. Cardiac cycle.

SECTION - C

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

1. Describe structure and mechanism of transmission at Neuromuscular junction.
2. Describe mechanism of temperature regulation and role of Hypothalamus in it.
3. Discuss differences between sympathetic and Parasympathetic nervous system.
4. Describe structure and functions of White blood cells [WBC].
