

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

BF/2007/12

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. Pace maker potential.
2. Facilitated diffusion.
3. Immunoglobulins.
4. Oxygen carrying capacity.
5. Gastrin.
6. Gastrocolic reflex.
7. Planter reflex.
8. Excitation-Contraction coupling.
9. Chemoreceptors.
10. Renin-Angiotensin system.

Section - B

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

[40]

1. Functions of gall bladder.
2. Physiology of Vision.
3. Pyramidal tracts.
4. Functions of Basal Ganglia.
5. Withdrawal reflex.
6. Anti Diuretic Hormone[ADH]
7. Juxta Glomerular apparatus.
8. Regulation of Cardiac output.
9. Impulse conduction through Unmyelinated and Myelinated axons.
10. Physiology of hearing.
11. Vestibular apparatus.
12. Functions of Glucocorticoids.

Section - C

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

[30]

1. Describe the functions, fate and factors affecting Haemoglobin.
 2. Describe the role of Stretch reflex in maintenance of Muscle tone.
 3. Describe the role of Hypothalamus in body temperature regulation.
 4. Describe the role of various Hormones in regulation of blood glucose level.
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