

PHYSIOLOGY

Paper - 2

MAY/JUNE 2009

(2 ½ hours)

Total marks : 40

SECTION – B

2. Brief answers (any 6 of 7) :

(6x4=24)

- a) Define bleeding time and clotting time.
Describe intrinsic pathway of coagulation.
- b) Describe counter current mechanism.
- c) Compare and contrast action potential and excitatory post synaptic potential (EPSP) in neurons.
- d) Olfactory pathway.
- e) parkinsonism.
- f) Properties of receptors.
- g) neuromuscular junction

SECTION – C

3. Solve (any 2 of 3) :

(2x8=16)

- a) Classify white blood corpuscles. Describe morphology and functions of WBCs.
- b) Describe origin, course, termination and functions of pyramidal tracts.
- c) Outline main functions of different lobes of neocortex.