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BOP-113

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 150103

Roll No.

B.Pharma.

**(SPL.) THEORY EXAMINATION, 2014-15
ANATOMY, PHYSIOLOGY AND PATHO
PHYSIOLOGY-I**

Time : 3 Hours]

[Total Marks : 70

SECTION-A

Note: Each section is compulsory.

1. Attempt all questions: 1×14=14
- (i) The phase of metabolism that involves breaking down large complex molecules into smaller one is called.....
 - (ii)is a selective barrier that regulates flow of materials into and out of cell.
 - (iii)glands are also known as ductless glands.
 - (iv) The photopigments associated with vision contain opsin and retinal.

- (v) Define endocytosis.
- (vi) Rabies is caused by.....
- (vii) Which microorganism is causative agent of measles?
- (viii) Which cell organelle contains various types of digestive enzymes?
- (ix)is known as powerhouse of cell.
- (x) Name two contractile proteins present in muscle.
- (xi) Blood is an example of connective tissue.
- (xii) Define saggital plane.
- (xiii) Ball and socket joint is an example of.....joints.
- (xiv) Define neurotransmission.

SECTION-B

2. Answer any six questions. 4×4=16
- (i) Describe structure of synovial joints
- (ii) Describe anatomy of eye with the help of diagram.
- (iii) Write a short note on resuscitation methods.
- (iv) Describe physiology of olfaction in brief.
- (v) Describe structure and function of golgi complex.

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- (vi) Describe operation of negative feedback mechanism.
- (vii) Write a short note on diphtheria.
- (viii) Describe first aid treatment of burns.

SECTION-C

3. Attempt any four questions: 8×4
- (i) Describe physiology of hearing.
- (ii) Discuss the steps involved in sliding filament mechanism of muscle contraction.
- (iii) Discuss causative agent, modes of transmission and prevention of malaria.
- (iv) Describe first aid treatment of poisoning.
- (v) Describe structure of skull with the help of diagram.
- (vi) Describe structure of plasma membrane with the help of well labelled diagram.

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