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Roll No

PY-205

B.Pharmacy II Semester

Examination, December 2016

Anatomy, Physiology And Health Education - I

Time : Three Hours

Maximum Marks : 70

- Note:** i) Answer five questions. In each question part A, B, C is compulsory and D part has internal choice.
ii) All parts of each questions are to be attempted at one place.
iii) All questions carry equal marks, out of which part A and B (Max.50 words) carry 2 marks, part C (Max.100 words) carry 3 marks, part D (Max.400 words) carry 7 marks.
iv) Except numericals, Derivation, Design and Drawing etc.

1. a) Morphine poisoning.
b) Give a composite diagram of Cell.
c) Give functions of Mitochondria.
d) Describe neuro-muscular junction and how impulse is transmitted from the nerve to muscle.

OR

Draw a well labeled diagram of pelvic girdle. Discuss the disorders of joints.

2. a) Give diagram of neutrophil and its functions.
b) Normal counts of blood cells (formed elements).
c) Describe mechanism of coagulation.
d) Give a detailed note on blood groups and their significance.

OR

Briefly describe blood groups and some abnormalities of hemostasis.

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3. a) Give composition of lymph.
b) How lymph is formed and absorbed back?
c) Give normal heart rate, what is bradycardia and tachycardia?
d) How blood pressure is regulated?

OR

Write notes on:

- i) Resuscitation methods
ii) First aid in snake bites
iii) Emergency treatment in burns

4. a) Give the function of Spleen.
b) Normal heart rate its their importance.
c) Give a diagram of normal ECG.
d) Give a detailed note on Cardiac Cycle.

OR

Explain structure and functions of bronchi and bronchioles.

5. a) Angina.
b) Congestive heart failure.
c) Cardiac arrhythmia.
d) Give anatomy of respiratory organs.

OR

Write a note on types of anemia.

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