

UG Odd Semester (CBCS) Exam., December—2016

PHARMACEUTICAL SCIENCE

(1st Semester)

Course No. : BPH-102 (C)

(Human Anatomy and Physiology)

*Full Marks : 75**Pass Marks : 30**Time : 3 hours**The figures in the margin indicate full marks
for the questions*Answer **five** questions, selecting **one** from each Unit

UNIT—I

1. Describe the role of various cell organelle.
Write a short note on transport processes
across cell membrane. 8+7=15
2. (a) Write down the structure of different
types of muscular tissue. 7
- (b) Discuss the structure and function of
nervous tissue. 8

J7/680

(Turn Over)

UNIT—II

3. (a) Write down the structural components
of axial skeleton. 8
- (b) Write the various types of synovial
joints. 7
4. (a) Discuss the physiological events during
skeletal muscle contraction. 8
- (b) What are the various disorders of
joints? 7

UNIT—III

5. (a) Write down the classification and
functions of WBC. 9
- (b) Write a short note on clotting of blood. 6
6. (a) Explain the events of erythropoiesis. 6
- (b) Give an account of the disorders of
platelet and coagulation. 9

UNIT—IV

7. Describe the structure and functions of
spleen. Write a note on splenomegaly. 9+6=15
8. Discuss the composition and formation of
lymphatic system. 15

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(Continued)

(3)

UNIT—V

9. Explain the various events of cardiac cycle.
Write down the etiology of arteriosclerosis.

7+8=15

10. Explain the predisposing factors of
hypertension. Write a short note on ECG.

9+6=15

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