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Total No. of Questions : 10]

[Total No. of Printed Pages : 3

PHM-1.2.5

ANATOMY PHYSIOLOGY AND HEALTH EDUCATION-I

(B.Pharm., 2nd Semester, 2124)

Time : 3 Hours

Maximum Marks : 80

Note :- Section A is compulsory. Attempt any *Four* questions from Section B and any *Three* questions from Section C.

Section-A

Marks : 2 Each

1. (a) What are Junctional Complexes ?
- (b) What is appendicular skeleton ? Name the bones of appendicular skeleton.
- (c) Which are the true and false ribs ? Why are they called so ?

PHM-1.2.5

Turn Over

H-95

- (d) Indicate difference between Angina of effort and Prinzmetal angina.
- (e) Define a Motor Unit.
- (f) Define Anaemia and Leukemia.
- (g) What are Baroreflexes ?
- (h) Define Blood Pressure. What is normal Blood Pressure ?
- (i) What is Arrhythmia ?
- (j) How Polychythemia differs from Polycythemia Vera ?
- (k) What is Myasthenia Gravis ?
- (l) What do you mean by Intravascular Clotting ?
- (m) Mention protective coverings of the Heart.
- (n) What is Patent-Ductus-Arteriosis ?
- (o) Define Muscle Tone and Muscle Fatigue.

PHM-1.2.5

H-95

Section-B

Marks : 5 Each

2. Enumerate various functions of the Blood.
3. Write a note on cardiac muscle tissue.
4. Give an account of Joints of upper limb.
5. Write a note on Nucleus.
6. What is Lymph ? Draw a neat and labelled diagram of Lymph node.

Section-C

Marks : 10 Each

7. Draw neat and labelled diagram of the cell, indicate various functions of the cell.
8. Explain various stages of RBCs production. What are various factors that affect RBCs production ?
9. Classify various muscle tissues and describe critically striated voluntary muscle.
10. Draw wiring structure of the heart and mention its various functions.

PHM-1.2.5

H-95