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Total No. of Pages : 02

Total No. of Questions : 10

B.Pharm (2012 to 2016) (Sem.-3)

ANATOMY, PHYSIOLOGY & HEALTH EDUCATION – II

Subject Code : BPHM-304

M.Code : 46224

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of FIFTEEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt ANY FOUR questions.
3. SECTION-C contains FOUR questions carrying TEN marks each and students have to attempt ANY THREE questions.

SECTION-A

1. Discuss/describe/differentiate the following with suitable examples / flow charts/diagrams :
 - a. Physiology
 - b. ECG
 - c. Epithelial issue
 - d. Gonorrhea
 - e. Joints
 - f. Spleen
 - g. Filariasis
 - h. Blood pressure
 - i. RBC
 - j. Cardiac output
 - k. Chicken pox
 - l. Pacemaker



- m. Platelet
- n. Diphtheria
- o. Artery versus vein

SECTION-B

- 2. Discuss the structure and functions of heart.
- 3. Draw well labeled diagram of cell. Discuss its structure and functions.
- 4. Write down causative agents, mode of transmission and prevention of poliomyelitis and malaria.
- 5. Describe various events of cardiac cycle in detail.
- 6. Elaborate the molecular mechanism of muscle contraction in detail with suitable flow charts or diagram.

SECTION-C

- 7. Describe the structure and functions of connective tissues in detail with suitable diagrams.
- 8. Discuss the following diseases in detail :
 - a. AIDS
 - b. Tuberculosis
- 9. Define blood pressure. Discuss regulation of blood pressure.
- 10. Define hemostasis. Discuss extrinsic and intrinsic pathways of blood coagulation.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.