

[LI 0216]

FEBRUARY 2016

Sub.Code :1906

B.Sc. RADIOTHERAPY TECHNOLOGY
(New Syllabus 2014-2015)

FIRST YEAR

PAPER I – HUMAN ANATOMY AND PHYSIOLOGY

Q.P. Code: 801906

Time: Three Hours

Maximum : 100 Marks

Answer All Questions

I. Elaborate on:

(3 x 10 = 30)

1. Draw the diagram of the digestive tract name the parts and briefly describe.
2. Classify tissues and briefly describe their function.
3. Describe the components of blood and briefly discuss their functions.

II. Write Notes on:

(8 x 5 = 40)

1. Discuss the functions of the skin.
2. Structure of DNA.
3. Ball and socket joint.
4. What blood cells and their functions?
5. Name the parts of the internal structure of the kidney and discuss the function.
6. Describe the pelvic bone.
7. Discuss the different parts of breast tissue.
8. Where is the pituitary gland situated, describe its functions?

III. Short Answers on:

(10 x 3 = 30)

1. What is diabetes? Which organ secretes insulin?
2. Name 3 diseases affecting the lungs.
3. Spermatozoa.
4. Describe the ventricles of the brain.
5. Where is thymus situated? What is the function of thymus?
6. What are the functions of hypothalamus?
7. Golgi apparatus.
8. Autonomic nervous system.
9. Digestion of fat.
10. Describe the anatomy of Nasopharynx.
