

[LB 0212]

AUGUST 2012

Sub. Code: 1801

**B.Sc. RADIOLOGY IMAGING TECHNOLOGY AND
B.Sc RADIO DIAGNOSIS TECHNOLOGY**

FIRST YEAR

**PAPER I – HUMAN ANATOMY, PHYSIOLOGY, AND PATHOLOGY
RELEVANT TO RADIOLOGY**

Q.P. Code : 801801

Time : Three hours

Maximum : 100 marks

(180 Mins) Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

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|--|---|----|----|
| 1. Classify the joints and describe about the synovial joints. | 7 | 20 | 10 |
| 2. Describe the structure of stomach and its functions. | 7 | 20 | 10 |
| 3. Describe the different types of circulations. | 7 | 20 | 10 |

II. Write notes on:

- | | | | |
|-----------------------------------|---|----|---|
| 1. Anatomical planes of the body. | 4 | 10 | 5 |
| 2. Fertilization. | 4 | 10 | 5 |
| 3. Cardiac cycle. | 4 | 10 | 5 |
| 4. Membranes. | 4 | 10 | 5 |
| 5. Spinal cord. | 4 | 10 | 5 |
| 6. Islets of Langerhans. | 4 | 10 | 5 |
| 7. Tissues. | 4 | 10 | 5 |
| 8. Shock. | 4 | 10 | 5 |

III. Short Answers on:

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|-----------------------------|---|---|---|
| 1. Classification of Bones. | 2 | 4 | 3 |
| 2. Types of injuries. | 2 | 4 | 3 |
| 3. Types of Respiration. | 2 | 4 | 3 |
| 4. Appendicular Skeleton. | 2 | 4 | 3 |
| 5. Functions of Lymph. | 2 | 4 | 3 |
| 6. Wound Healing. | 2 | 4 | 3 |
| 7. Meninges. | 2 | 4 | 3 |
| 8. Myxodema. | 2 | 4 | 3 |
| 9. Olfactory path way. | 2 | 4 | 3 |
| 10. Cystitis. | 2 | 4 | 3 |
