

**DIPLOMA IN RADIOLOGY IMAGING TECHNOLOGY**  
**FIRST YEAR**  
**PAPER I – HUMAN ANATOMY AND PHYSIOLOGY,**  
**RELEVANT TO RADIOLOGY**

*Q.P. Code: 841401*

**Time : Three Hours**

**Maximum : 100 Marks**

**Answer All questions.**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. a) Draw and label the parts of liver.      b) Describe the functions of liver.
2. a) Draw and label parts of stomach.    b) Layers of stomach.  
    c) Functions of stomach.                  d) Gastric Juice
3. What are the types of joints? Give example for each. Describe shoulder joint with diagram.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Pharynx.
2. Hip Joint.
3. Mandible.
4. CSF.
5. Draw the structures in female and male pelvis and label.
6. Hypothalamus and its functions.
7. Structure and functions of liver.
8. Pancreatic juice.
9. Structure of breast.
10. Nephron.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Arch of aorta and its branches.
2. Axis.
3. Draw and label lobes of Brain.
4. Intercostal muscles.
5. Humerus.
6. Fallopian tubes.
7. Draw cross section of eye ball and label.
8. Name the ossicles of ear.
9. What is omentum?
10. Draw biliary tree and label.

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