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**B.P.T. [1<sup>st</sup> Prof.]**  
BF/2007/12

**Anatomy**

M.M. : 90

Time : 3 Hours

**Section - A**

All questions are compulsory. Answer to each question upto 5 lines in length. Each question carries 2 Marks. [20]

**ENUMERATE:**

1. Actions of Trapezius muscle.
2. Hamstring muscles.
3. Features of lower Motor neuron lesions.
4. Boundaries of Popliteal fossa.
5. Parts of male reproductive tract.
6. Branches of Lateral cord of brachial plexus.
7. Branches of Arch of aorta.
8. Branches of Basilar artery.
9. Parts of Corpus Callosum.
10. Muscles supplied by Median nerve.

**Section - B**

Attempt any 8 questions. Answer to each question upto 2 pages in length. Each questions carries 5 Marks. [40]

**Describe briefly:**

1. Erb's Palsy.
2. Femoral triangle.
3. Flat foot.
4. Cartilage.
5. Bell's Palsy.
6. Transtuberular plane.
7. Bronchopulmonary segments.
8. Pituitary gland.
9. Menstrual cycle.
10. Epidermis.
11. Thyroid gland.
12. Skin.

**Section - C**

Attempt any 2 questions. Answer to each question upto 5 pages in length. Each questions carries 15 Marks. [30]

1. **Describe Temporo-mandibular joint, under the following headings:**
  - a. Type of Joint. [2.5]
  - b. Articulating surface. [2.5]
  - c. Movements & muscles involved in producing them. [10]

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2. **Describe Pyramidal tract under following headings:**
- a. Origin. [2.5]
  - b. Course. [5]
  - c. Functions. [2.5]
  - d. Effects of lesion to it at the level of:
    - i) Pons. [5]
    - ii) Lower medulla.
3. **Describe Meninges under following headings:**
- a. Layers. [5]
  - b. Modifications of each of the layers of Meninges. [5]
  - c. Applied anatomy. [5]
4. **Describe Shoulder Joint under following headings:**
- a. Articulating bones. [5]
  - b. Movements possible & muscles responsible for them. [5]
  - c. Applied anatomy. [5]
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