

**Madhya Pradesh Medical Science University,  
Jabalpur  
MBBS First Professional Examination 2015  
Subject- Anatomy  
Paper-I  
(NEW SCHEME)**

Time: 3:00 Hours

Maximum Marks:50

**Instructions:**

- a) All questions are compulsory
- b) Draw diagrams wherever necessary
- c) Answers of Questions and Sub-questions must be written strictly according to serial order of question paper.
- d) Do not write anything on the blank portion of question paper, if written anything such type of act will be considered as an attempt to resort to unfair means

**Long Answer questions – 10 MARKS**

- Q1. a. Describe the formation and branches of brachial plexus 2 x 5 = 10
- b. Draw labeled diagram to show gyri, sulci and functional areas of supero-lateral surface of cerebrum

**Short Answer Questions – 30 MARKS**

- Q2. a. Carpal tunnel syndrome
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- b. Nasal septum
- c. Floor of fourth ventricle
- d. Histology of palatine tonsil
- e. Otic ganglion
- f. Cross section diagram of a typical intercostal space
- g. Fallot's tetralogy
- h. Corpus callosum
- J: Interior of right atrium
- Boundaries and contents of posterior mediastinum

### **Very Short Answer Questions – 10 MARKS**

- Q3. a. Name the bones meeting at pterion 10 x 1 = 10
- b. Indicate the sinuses of pericardium
  - c. Name the terminal branches of internal thoracic artery
  - d. Indicate the paleocerebellar deep nuclei
  - e. Name the muscles attached to cricoid cartilage
  - f. Name two sensory thalamic nuclei
  - g. Name the structures passing through internal acoustic meatus
  - h. Name the two parts of orbicularis oculi
  - i. Name the lingual papillae
  - j. Indicate the venous sinuses related to falx cerebri

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**Long Answer questions – 10 MARKS**

Q1. a. Describe testis under following headings

2 x 5 = 10

- i. Coverings (2)
- ii. Development (2)
- iii. Ectopic testis (1)

b. Describe adductor canal with its clinical importance

## Short Answer Questions – 30 MARKS

- Q2. a. Portal systemic anastomosis  
b. Fallopian tubes  
c. Long saphenous vein  
d. Root of mesentery  
e. Development of kidney  
f. Perineal body  
g. Histology of spleen  
h. Sex chromatin  
i. Umbilicus  
j. Spermiogenesis

## Very Short Answer Questions – 10 MARKS

- Q3. a. Iliotibial tract  $10 \times 1 = 10$   
b. Enumerate derivatives of mesonephric duct  
c. Epiploic foramen  
d. Enumerate pulse points of lower limb  
e. Stomach bed  
f. Articularis genu  
g. Porta hepatis  
h. Broad ligament of uterus  
Posterior relations of caecum  
j. Meckel's diverticulum

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