

Name :

Reg. No:

FIRST PROFESSIONAL MBBS DEGREE EXAMINATION, MAY 2012**ANATOMY – PAPER I
(New Scheme)****Time : Three Hours****Maximum : 50 Marks***Answer Sections A and B in separate answer books.**Draw diagrams wherever necessary.**Question I should be answered first in the response Sheet provided.***SECTION – A**

- I. Multiple Choice Questions (Separate sheet attached) (½ x 10 = 5)
- II. A patient who had undergone breast surgery for carcinoma was admitted in hospital with history of seizures. The presence of secondary deposits in brain was confirmed. With your knowledge in Anatomy, answer the following questions.
- (a) Mention the methods of spread of breast carcinoma to brain
 (b) Name the other routes of spread
 (c) Explain the lymphatic drainage of breast
 (d) Give its blood supply
 (e) Name a radiological investigation for the early diagnosis of breast carcinoma.
 (1+1+4+3+1=10)
- III. Write briefly on:
- (a) Arch of aorta
 (b) Great saphenous vein (5 x 2 = 10)

SECTION – B

- IV. Write short notes on:
- (a) Inter atrial septum
 (b) Implantation
 (c) Coronary sinus
 (d) Triceps brachii (3 x 5 = 15)
- V. Write short notes on:
- (a) Karyotyping
 (b) Flexor retinaculum of hand
 (c) Typical intercostal nerve (2 x 3 = 6)
- VI. Draw neat labelled diagrams of
- (a) Cross Section at the level of middle of thigh
 (b) Medial surface of right lung. (2 x 2 = 4)

ANATOMY – PAPER I
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I. MULTIPLE CHOICE QUESTIONS

- Note :- (1) Do not write anything on the question paper.
 (2) Write your register number on the answer sheet provided.
 (3) Select the appropriate answer and encircle the alphabet against each question in the answer sheet provided.
 (4) In the answer sheet enter the total number of your answers in the appropriate box provided.
 (5) Each question carries ½ mark.

1. The nutrient artery to tibia arises from

(a) Anterior tibial	(b) Posterior tibial
(c) Popliteal	(d) Peroneal
2. Postero-inferior one third of interventricular septum is supplied by the following artery.

(a) Posterior interventricular	(b) Anterior interventricular
(c) Circumflex	(d) Diagonal
3. Radial bursa is the synovial sheath around

(a) Flexor carpiradialis	(b) Extensor carpi radialis longus
(c) Extensor carpi radialis brevis	(d) Flexor pollicis longus.
4. Type of collagen fibre in basement membrane is

(a) Type I	(b) Type II
(c) Type III	(d) Type IV
5. Failure of fusion of anterior neuropore results in

(a) Lessencephaly	(b) Gyren cephaly
(c) Anencephaly	(d) Holoprosencephaly
6. An example for X-linked dominant inheritance is

(a) Haemophilia	(b) Achondroplasia
(c) Phenylketonuria	(d) Vitamin D resistant rickets
7. The structure which pierces the interosseous membrane in upper limb is

(a) Posterior interosseous nerve	(b) Posterior interosseous artery
(c) Anterior interosseous nerve	(d) Anterior interosseous artery
8. The first posterior intercostal vein on the drains into

(a) Azygos vein	(b) Superior vena cava
(c) hemiazygos vein	(d) brachiocephalic vein
9. The medial meniscus is attached to the following ligament.

(a) Fibular collateral	(b) Tibial collateral
(c) Oblique popliteal	(d) Anterior cruciate
10. The muscle not attached to humerus

(a) teres minor	(b) Biceps brachii
(c) Deltoid	(d) Supraspinatus