

BLDE (DEEMED TO BE UNIVERSITY)
MBBS PHASE – I EXAMINATION

[Time :3 Hours]

[Max. Marks: 80]

ANATOMY – PAPER – I

QP CODE: 1011

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in the middle of margin.

Long Essay: (Answer to be started on fresh page only)

2 X 10 = 20

1. A 28 year old female came with the history of a progressive headache, described as a throbbing pain localized to the back of her head and becoming generalized over 3 days. Associated with nausea, occasional vomiting, and blurred vision, especially when changing positions associated with pain behind the eyes. Recovered from sinusitis recently. a) What is the probable diagnosis? b) What are Dural venous sinuses. Classify them c) Describe the Cavernous sinus in detail. (1+3+6)
2. Describe the interior of right atrium in detail along with its development. (7+3)

Short Essay: (Answer to be started on fresh page only)

6 X 5 = 30

3. Describe the formation and fate of notochord.
4. Describe the histological features of skeletal muscle.
5. A 52 years old lady noticed a small, painless lump in the upper outer quadrant of her right breast about 3 months ago. Over time, the lump gradually increased in size and became painful. Two weeks ago, she developed swelling in the right axilla. For the past 10 days, she observed that the overlying skin had become thickened with small pits resembling an orange peel. No history of fever, trauma, or nipple discharge. She was diagnosed as having carcinoma of the breast. (1+4)
 - a) What is the anatomical basis of Peaud' orange change in carcinoma of breast?
 - b) Describe the lymphatic drainage of mammary gland
6. Describe the T.S of medulla oblongata at the level of pyramidal decussation.
7. Blood supply to long bones
8. Boundaries and contents of posterior triangle of neck.

Short Answer: (Leave three lines gap between the answers)

10 X 3 = 30

9. Importance of median Cubital vein
10. Draw a neat labelled diagram to show mediastinal surface of right lung
11. Microscopic picture of spinal ganglion
12. Enumerate the branches of external carotid artery
13. Explain how cadaver is your first teacher in learning Anatomy
14. Amniocentesis
15. Erb's paralysis
16. Name the nuclei of cerebellum
17. Rima glottidis
18. Pterion

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ANATOMY – PAPER – II

QP CODE:1012

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in the middle of margin.

Long Essay: (Answer to be started on fresh page only)

2 X 10 = 20

1. A footballer injured his knee while playing and went to an orthopedics clinic with pain in the knee. He was diagnosed with meniscal tear. Describe knee joint under a) bones articulating, b) ligaments, c) movements and muscles causing them, d) blood supply, e) nerve supply (1+4+3+1+1)
2. Describe liver under a) location and extent, b) gross features, c) relations, d) peritoneal reflections (1+3+4+2)

Short Essay: (Answer to be started on fresh page only)

6 X 5 = 30

3. Boundaries and contents of femoral triangle
4. Development of kidney
5. Histology of fundus of stomach
6. Types of communications encountered in health care system
7. A couple went to the geneticist with a complaint of having a child with Down syndrome. What are the prenatal diagnostic tests which the geneticist would ask the woman who is pregnant again, to get done for the present pregnancy?
8. Describe the boundaries and contents of inguinal canal

Short Answer: (Leave three lines gap between the answers)

10 X 3 = 30

9. Popliteal fossa – boundaries and contents – labeled diagram only
10. Lesser sac of abdomen
11. Histology of pancreas – labeled diagram only
12. Derivatives of mesonephric duct in male and female
13. What is the chromosomal anomaly and features of Klinefelter syndrome?
14. Attachments of sartorius muscle
15. Interior of second part of duodenum
16. A female aged 70 years goes to a gynecologist with complaint of a solid structure coming out of her vagina. She was diagnosed with the prolapse of uterus. Name the supports of uterus.
17. Enumerate the differences between male and female pelvis
18. Name the branches of abdominal aorta