

[MBBS 0825]

AUGUST 2025

Sub. Code: 7051

M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2024 -2025)

FIRST PROFESSIONAL – (CBME)

PAPER I - ANATOMY

Q.P. Code: 527051

Time: 20 Minutes

Maximum : 20 Marks

Answer All Questions

Shade the correct answer with Black or Blue ink ball point pen

SET - A

IV. Multiple Choice Questions:

(20 x 1 = 20)

1. Enlargement of central group of axillary lymphnodes produces referred pain along the medial side of the arm due to compression of
A) Axillary nerve B) Medial cutaneous nerve of arm
C) Intercostobrachial nerve D) Lateral cutaneous branch of 3rd intercostal nerve
2. In foetal life, left umbilical vein carries oxygenated blood from placenta to
A) Right branch of portal vein B) Left branch of portal vein
C) Left hepatic vein D) Inferior vena cava
3. Which structure forms the medial boundary of calot's triangle?
A) Cystic duct B) Cystic artery
C) Common hepatic duct D) Inferior surface of liver
4. Rotator cuff around shoulder joint is formed by all except
A) Supraspinatus B) Infraspinatus C) Subscapularis D) Teres major
5. A 27 year old female was brought to the casualty in shock. Based on clinical examination and history, the gynaecologist made a diagnosis of ruptured tubal pregnancy. Usually in which stage is the fertilized ovum transferred to uterine cavity.
A) 4 cell stage B) 8 cell stage C) Morula D) Blastocyst
6. At the knee, great saphenous vein is accompanied by
A) Medial femoral cutaneous nerve
B) Saphenous branch of descending genicular artery
C) Saphenous nerve
D) Sural nerve
7. Conjoint tendon is formed by the fusion of lower aponeurotic fibres of internal oblique with
A) Transversus abdominis muscle B) External oblique muscle
C) Transversalis fascia D) External oblique aponeurosis
8. All of the following cells line the wall of hepatic sinusoid except
A) Flattened endothelial cells B) Kupffer's cells
C) Natural killer cells D) Ito cells
9. Unpaired branch which arises from abdominal aorta just above its bifurcation is
A) Median sacral artery B) Inferior mesenteric artery
C) 4th lumbar artery D) Testicular artery

10. 30 year old Mr. Kannan underwent inguinal hernioplasty. During surgery, the surgeon found that the Meckel's diverticulum was a content of hernial sac. Meckel's diverticulum is a remnant of
- A) Vitello intestinal duct B) Allantoic diverticulum
C) Caecal bud D) Mesonephric duct
11. A 25 year old female presented with lower abdominal pain that is referred to hip and knee joints. Based on clinical examination and USG report, she was diagnosed to have ovarian cyst. Referred pain at hip and knee joints is due to compression of
- A) Sciatic nerve B) Femoral nerve C) Obturator nerve D) Genito-femoral nerve
12. Structure related to the superior border of body of pancreas is
- A) Splenic vein B) Splenic artery C) Coeliac artery D) Right gastric artery
13. A 10 year old girl came to the ortho OPD with complaints of pain at the lateral side of wrist. She had a history of fall on the wrist in extension. Her X-ray wrist showed fracture of scaphoid bone. Common complication of this fracture is
- A) Delayed union B) Median nerve compression
C) Nonunion & Avascular necrosis D) Flexion deformity
14. Structure which enters the palm between the two heads of first dorsal interosseous muscle is
- A) Deep branch of ulnar artery B) Radial artery
C) Arteria princeps pollicis D) First dorsal metacarpal artery
15. A Nun presented with pain and swelling just below the right knee for 5 days. Physical examination revealed tender swelling at the level of right tibial tuberosity and was diagnosed to have bursitis. Which bursa is inflamed in this condition?
- A) Subcutaneous prepatellar bursa B) Supra patellar bursa
C) Subcutaneous infrapatellar bursa D) Deep infrapatellar bursa
16. One of the following is not a content of spermatic cord?
- A) Testicular artery B) Artery to vas deferens
C) Cremasteric artery D) Testicular Vein
17. Centro acinar cells are located in
- A) Serous salivary gland B) Submandibular gland
C) Gall bladder D) Pancreas
18. Plantar arterial arch is completed by
- A) Dorsalis pedis artery B) Medial plantar artery
C) Lateral plantar artery D) Posterior tibial artery
19. Superior suprarenal artery is a branch of
- A) Inferior phrenic artery B) Renal artery
C) Abdominal aorta D) Superior mesenteric artery
20. True statement about the anal canal above the pectinate line is
- A) Supplied by superior rectal artery
B) Developed from proctodeum
C) Supplied by somatic nerves
D) Drained into superficial inguinal lymph nodes

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SET - B

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1. In foetal life, left umbilical vein carries oxygenated blood from placenta to
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B) Developed from proctodeum
C) Supplied by somatic nerves
D) Drained into superficial inguinal lymph nodes
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SET - C

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