

[MBBS 0825]

AUGUST 2025

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2024 -2025)

FIRST PROFESSIONAL – (CBME) PAPER I - ANATOMY

	PAPER I - A	,					
Time	Q.P. Code: 527051 Time: 20 Minutes Answer All Questions Shade the correct answer with Black or Blue ink ball point pen						
	SET	_	F				
IV. M	ultiple Choice Questions:		$(20 \times 1 = 20)$				
1.	•	• •	m				
2.	In foetal life, left umbilical vein carriesA) Right branch of portal veinC) Left hepatic vein	oxygenated blood from pla B) Left branch of porta D) Inferior venacava					
3.	, ·	lary of calot's triangle? Cystic artery Inferior surface of liver					
4.	Rotator cuff around shoulder joint is for A) Supraspinatus B) Infraspina	med by all except atus C) Subscapularis	D) Teres major				
5.	A 27 year old female was brought to examination and history, the gynaecon pregnancy. Usually in which stage is the A) 4 cell stage B) 8 cell stage	ologist made a diagnosis e fertilized ovum transferre	of ruptured tubal				
6.	At the knee, great saphenous vein is acc A) Medial femoral cutaneous nerve B) Saphenous branch of descending C) Saphenous nerve D) Sural nerve	-					
7.	Conjoint tendon is formed by the fusion A) Transversus abdominis muscle C) Transversalis fascia	of lower aponeurotic fibres B) External oblique mu D) External oblique aponeurotic	ıscle				
8.	All of the following cells line the wall o A) Flattened endothelial cells C) Natural killer cells	f hepatic sinusoid except B) Kupffer's cells D) Ito cells					

B) Inferior mesenteric artery

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D) Testicular artery

9. Unpaired branch which arises from abdominal aorta just above its bifurcation is

A) Median sacral artery

C) 4th lumbar artery



10. 30 year old Mr. Kannan underwent ing	Ranker.com www.FirstRanker.com uinal hernioplasty. During surgery, the surgeon m was a content of hernial sac. Meckel's
A) Vitello intestinal ductC) Caecal bud	B) Allantoic diverticulum D) Mesonephric duct
knee joints. Based on clinical examinate have ovarian cyst. Referred pain at hip	ower abdominal pain that is referred to hip and nation and USG report, she was diagnosed to and knee joints is due to compression of C) Obturator nerve D) Genito-femoral nerve
12. Structure related to the superior border A) Splenic vein B) Splenic artery	of body of pancreas is y C) Coeliac artery D) Right gastric artery
	B) Median nerve compression
muscle is A) Deep branch of ulnar artery	een the two heads of first dorsal interosseous B) Radial artery
1	B) Supra patellar bursa
16. One of the following is not a content ofA) Testicular arteryC) Cremasteric artery	spermatic cord? B) Artery to vas deferens D) Testicular Vein
17. Centro acinar cells are located inA) Serous salivary glandC) Gall bladder	B) Submandibular gland D) Pancreas
18. Plantar arterial arch is completed byA) Dorsalis pedis arteryC) Lateral plantar artery	B) Medial plantar artery D) Posterior tibial artery
19. Superior suprarenal artery is a branch of A) Inferior phrenic arteryC) Abdominal aorta	f B) Renal artery D) Superior mesenteric artery
20. True statement about the anal canal about A) Supplied by superior rectal arter	-

C) Supplied by somatic nerves

B) Developed from proctodeum

D) Drained into superficial inguinal lymph nodes



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Time	Q.P. Code: 527051 Time: 20 Minutes Answer All Questions Shade the correct answer with Black or Blue ink ball point pen					
	<u>SET - B</u>					
IV. M	Solution (20 x 1 = 20)					
1.	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 venacava					
2.	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					
3.	Rotator cuff around shoulder joint is formed by all except A) Supraspinatus B) Infraspinatus C) Subscapularis D) Teres major					
4.	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					
5.	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					
6.	Conjoint tendon is formed by the fusion of lower aponeurotic fibres of internal oblique with A) Transversus abdominis muscle C) Transversalis fascia B) External oblique muscle D) External oblique aponeurosis					
7.	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					
8.	Unpaired branch which arises from abdominal aorta just above its bifurcation is A) Median sacral artery B) Inferior mesenteric artery C) 4 th lumbar artery D) Testicular artery					
9.	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					

B) Allantoic diverticulum

D) Mesonephric duct

diverticulum is a remnant of A) Vitello intestinal duct

C) Caecal bud



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knee joints. Based on clinical examinate have ovarian cyst. Referred pain at h	n lower abdominal pain that is referred to hip and mination and USG report, she was diagnosed to ip and knee joints is due to compression of rve C) Obturator nerve D) Genito–femoral nerve
11. Structure related to the superior bord A) Splenic vein B) Splenic art	ler of body of pancreas is tery C) Coeliac artery D) Right gastric artery
· ·	B) Median nerve compression
13. Structure which enters the palm be muscle isA) Deep branch of ulnar arteryC) Arteria princeps pollicis	B) Radial artery D) First dorsal metacarpal artery
1	sa B) Supra patellar bursa
15. 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
16. Centro acinar cells are located in	To.
A) Serous salivary gland	B) Submandibular gland
C) Gall bladder	D) Pancreas
17. Plantar arterial arch is completed by	
A) Dorsalis pedis artery	B) Medial plantar artery
C) Lateral plantar artery	D) Posterior tibial artery
18. Superior suprarenal artery is a brancl	h of
A) Inferior phrenic artery	B) Renal artery
C) Abdominal aorta	D) Superior mesenteric artery
19. True statement about the anal canal a	above the pectinate line is
A) Supplied by superior rectal a	-
B) Developed from proctodeum	
C) Supplied by somatic nerves	
D) Drained into superficial ingui	inal lymph nodes
	lary lymphnodes produces referred pain along the
medial side of the arm due to compre	
) Medial cutaneous nerve of arm) Lateral cutaneous branch of 3 rd intercostal nerve



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	PAPER I - A					
Time	Q.P. Code: 527051 Time: 20 Minutes Maximum: 20 Marks Answer All Questions					
	Shade the correct answer with B	_	oint pen			
TT7 3 4	<u>SET</u>	<u>- C</u>	(20 1 20)			
IV. M	ultiple Choice Questions:		$(20 \times 1 = 20)$			
1.	Rotator cuff around shoulder joint is form A) Supraspinatus B) Infraspinat	• •	D) Teres major			
2.	A 27 year old female was brought to examination and history, the gynaeco pregnancy. Usually in which stage is the A) 4 cell stage B) 8 cell stage	ologist made a diagnosise fertilized ovum transferre	s of ruptured tubal			
3.	At the knee, great saphenous vein is according A) Medial femoral cutaneous nerve B) Saphenous branch of descending C) Saphenous nerve D) Sural nerve					
4.	Conjoint tendon is formed by the fusion A) Transversus abdominis muscle C) Transversalis fascia	of lower aponeurotic fibre B) External oblique m D) External oblique ap	uscle			
5.	All of the following cells line the wall of	= =				
	A) Flattened endothelial cellsC) Natural killer cells	B) Kupffer's cellsD) Ito cells				
6.	Unpaired branch which arises from abdo	minal aorta just above its	bifurcation is			
	A) Median sacral arteryC) 4th lumbar artery	B) Inferior mesenteric arD) Testicular artery	tery			
7.	30 year old Mr. Kannan underwent ingufound that the Meckel's diverticulum diverticulum is a remnant of A) Vitello intestinal duct C) Caecal bud		rnial sac. Meckel's			
8.	A 25 year old female presented with low knee joints. Based on clinical examinations	wer abdominal pain that is	-			

... 2 ...

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

FirstRan	ker.com	v.FirstRank@r.com	www.FirstRanker.com
9.	Structure related to the superior	border of body of pancreas is	
	A) Splenic vein B) Splen	ic artery C) Coeliac artery	D) Right gastric artery
,	A 10 year old girl came to the owrist. She had a history of fa fracture of scaphoid bone. Com A) Delayed union C) Nonunion & Avascular	ll on the wrist in extension. mon complication of this fract B) Median ner	Her X-ray wrist showed ture is ve compression
	Structure which enters the pal muscle is A) Deep branch of ulnar art C) Arteria princeps pollicis	tery B) Radial artery	
•	A Nun presented with pain and examination revealed tender so diagnosed to have bursitis. Whi A) Subcutaneous prepatella C) Subcutaneous infrapatel	welling at the level of right ch bursa is inflamed in this cour bursa B) Supra patell	tibial tuberosity and was ondition? ar bursa
13.	One of the following is not a condition A) Testicular artery C) Cremasteric artery	ntent of spermatic cord? B) Artery to vas defe D) Testicular Vein	rens
14. (Centro acinar cells are located i A) Serous salivary gland C) Gall bladder	n B) Submandibular g D) Pancreas	gland
15.	Plantar arterial arch is complete A) Dorsalis pedis artery C) Lateral plantar artery	ed by B) Medial plantar ar D) Posterior tibial ar	
16.	Superior suprarenal artery is a back. A) Inferior phrenic artery C) Abdominal aorta	oranch of B) Renal artery D) Superior meser	nteric artery
17. ′	 True statement about the anal canal can	etal artery deum ves	S
	Enlargement of central group of medial side of the arm due to contain A) Axillary nerve C) Intercostobrachial nerve	ompression of B) Medial cutaneous nerve	of arm
19.	In foetal life, left umbilical vein A) Right branch of portal v C) Left hepatic vein	• •	f portal vein
20.	Which structure forms the medi	ial boundary of calot's triangle B) Cystic artery	e?

C) Common hepatic duct D) Inferior surface of liver



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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

	<u>SET</u>	<u>- D</u>
IV. M	ultiple Choice Questions:	$(20 \times 1 = 20)$
1.	All of the following cells line the wall ofA) Flattened endothelial cellsC) Natural killer cells	f hepatic sinusoid except B) Kupffer's cells D) Ito cells
2.	Unpaired branch which arises from abdo A) Median sacral artery C) 4 th lumbar artery	ominal aorta just above its bifurcation is B) Inferior mesenteric artery D) Testicular artery
3.		inal hernioplasty. During surgery, the surgeon was a content of hernial sac. Meckel's B) Allantoic diverticulum D) Mesonephric duct
4.	knee joints. Based on clinical examin have ovarian cyst. Referred pain at hip a	wer abdominal pain that is referred to hip and ation and USG report, she was diagnosed to nd knee joints is due to compression of C) Obturator nerve D) Genito-femoral nerve
5.	Structure related to the superior border of A) Splenic vein B) Splenic artery	of body of pancreas is C) Coeliac artery D) Right gastric artery
6.		B) Median nerve compression
7.	Structure which enters the palm between muscle is A) Deep branch of ulnar artery C) Arteria princeps pollicis	en the two heads of first dorsal interosseous B) Radial artery D) First dorsal metacarpal artery
8.		just below the right knee for 5 days. Physical at the level of right tibial tuberosity and was is inflamed in this condition?

D) Deep infrapatellar bursa

A) Subcutaneous prepatellar bursa B) Supra patellar bursa

C) Subcutaneous infrapatellar bursa

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9.	One of the following is	s not a content of s	spermatic cord?	
	A) Testicular arter	y	B) Artery to vas deferens	
	C) Cremasteric art	ery	D) Testicular Vein	
10.	Centro acinar cells are	located in		
	A) Serous salivary	gland	B) Submandibular gland	l
	C) Gall bladder		D) Pancreas	
11	Plantar arterial arch is	completed by		
11.	A) Dorsalis pedis a		B) Medial plantar artery	
	C) Lateral plantar		D) Posterior tibial artery	
	· -	•	•	
12.	Superior suprarenal art	•		
	A) Inferior phrenic	<u> </u>	B) Renal artery	
	C) Abdominal aor	ta	D) Superior mesenterio	c artery
13.	True statement about the	he anal canal abov	ve the pectinate line is	
	A) Supplied by sup	perior rectal artery	1	
	B) Developed from	n proctodeum		
	C) Supplied by sor	matic nerves		
	D) Drained into su	perficial inguinal	lymph nodes	
1/	Enlargement of central	group of avillary	lymphnodes produces ref	ferred pain along the
17.	medial side of the arm	• •	• •	terred pain along the
	A) Axillary nerve	-	edial cutaneous nerve of a	rm
	· •	,	iteral cutaneous branch of	
15.			oxygenated blood from p	
	A) Right branch of	-	B) Left branch of por	tal vein
	C) Left hepatic ve	in	D) Inferior venacava	
16.	Which structure forms	the medial bound	ary of calot's triangle?	
	A) Cystic duct	B) (Cystic artery	
	C) Common hepat	ic duct D)	Inferior surface of liver	
17.	Rotator cuff around she	oulder joint is for	med by all except	
	A) Supraspinatus	1 3/1	_	D) Teres major
	W			
18.	<u> </u>	_	the casualty in shock.	
			ologist made a diagnosi	-
		_	e fertilized ovum transferi	· · · · · · · · · · · · · · · · · · ·
	A) 4 cell stage	B) 8 cell stage	C) Morula	D) Blastocyst
19.	At the knee, great saph	nenous vein is acco	ompanied by	
	A) Medial femoral		1	
	B) Saphenous bran		genicular artery	
	C) Saphenous nerv	_	8	
	D) Sural nerve			
20	,		-61	
<i>2</i> 0.	·	•	•	es of internal oblique with
	A) Transversus ab		B) External oblique m D) External oblique a	