

M- 002M
MBBS FIRST PROFESSIONAL EXAMINATION, 2021

ANATOMY

Paper II

Time Allowed: Three Hours

Maximum Marks- 100

Note:- Attempt all questions. All part of a question should be answered together. Figures in parenthesis indicate marks allotted to a question.

Section-A

- Q1. Describe uterus under the following headings:-
- a) Size, shape, position, dimensions (4)
 - b) Relations. (4)
 - c) Enumerate supports of uterus (7)
 - d) Applied anatomy (5)
- Q2. Write briefly on: (2x10)
- a) Lymphatic drainage of stomach
 - b) Congenital anomalies of kidney
- Q3. Multiple Choice Questions: (10x1)
1. Which of the following duct commences in the abdomen as an elongated sac of cisterna chyli?
☒ (a) Thoracic duct
(b) Bile duct
(c) Gartner's duct
(d) Hepatic duct
 2. Internal Elastic lamina is seen predominantly in which of the following vessels?
(a) Large sized artery ✓
☒ (b) Medium sized artery
(c) Large sized vein
(d) Medium sized vein
 3. Dorsal pancreatic bud forms all of the following parts of the pancreas EXCEPT?
(a) Body
(b) Tail ✓
(c) Uncinate process
(d) Upper part of head
 4. Cremasteric fascia is a derivative of
(a) External oblique muscle
(b) Internal Oblique muscle
☒ (c) Fascia transversalis
(d) Continuation of Internal spermatic fascia
 5. Red and white pulp are characteristically seen in
☒ (a) Spleen
(b) Tonsil
(c) Thymus
(d) Lymph node

6. Skin around the umbilicus is innervated by?
- (a) T9
 - (b) T10
 - (c) T11
 - ☒ (d) T12
7. Lymphatics from glans penis drains into which of the following nodes?
- (a) Superficial inguinal
 - ☒ (b) Deep Inguinal
 - (c) Internal iliac
 - (d) External iliac
8. The remnant of allantois in adults is
- ☒ (a) Median umbilical ligament
 - (b) Median umbilical fold
 - (c) Lateral umbilical ligament
 - (d) Lateral umbilical fold
9. Which of the following structure is derived from midgut loop?
- (a) Stomach
 - (b) Oesophagus
 - (c) Liver
 - ☒ (d) Appendix
10. The level of origin of Superior mesenteric artery is
- (a) T12
 - (b) L1
 - ☒ (c) L2
 - (d) L3

Section-B

- Q1. Describe Knee joint under the following headings:
- a) Type of joint (2)
 - b) Articular surfaces (3)
 - c) Ligaments (4)
 - d) Bursae around the joint (3)
 - e) Movements (4)
 - f) Applied anatomy (4)
- (2x10)
- Q2. Write short notes on:
- (a) Interior of Right atrium
 - (b) Boundaries and contents of femoral triangle.
- (10x1)
- Q3. Multiple Choice Questions:
1. Adductor longus muscle is supplied by
- ☒ (a) Obturator Nerve
 - (b) Femoral Nerve
 - (c) Sciatic Nerve
 - (d) Tibial Nerve
2. Which of the following dermatomes supply the skin over the great toe?
- (a) L3
 - ☒ (b) L5
 - ☒ (c) S1
 - (d) S2

3. In which of the following joints the bones are held together by hyaline cartilage?
- (a) Symphysis
 - ☒ (b) Synchondrosis
 - (c) Syndesmosis
 - (d) Synostosis
4. Which of the following structures pass anterior to the root of right lung?
- ☒ (a) Azygous vein
 - (b) Splanchnic nerve
 - (c) Vagus nerve
 - (d) Phrenic nerve
5. Anterior intercostal artery is a branch of
- (a) Internal Mammary artery
 - (b) Direct branch from aorta
 - ☒ (c) Subclavian artery
 - (d) Posterior intercostal artery
6. Which of the following parts of the gluteal region is a preferred site for intramuscular injections?
- ☒ (a) Upper lateral quadrant
 - (b) Lower lateral quadrant
 - (c) Upper medial quadrant
 - (d) Lower medial quadrant
7. Which of the following viscera is lined by simple columnar epithelium?
- (a) Skin ✗
 - ☒ (b) Duodenum
 - (c) Lung
 - (d) Urethra
8. Which of the following Veins of the heart does not drain into coronary sinus?
- (a) Small cardiac vein
 - (b) Middle cardiac vein
 - ☒ (c) Anterior cardiac vein
 - (d) Great cardiac vein
9. The fibrous pericardium is innervated by
- (a) Vagus
 - (b) Great splanchnic nerve
 - ☒ (c) Phrenic nerve
 - (d) Deep cardiac plexus
10. Transitional Epithelium is seen in
- (a) Stomach
 - ☒ (b) Urinary bladder
 - (c) Skin
 - (d) Artery
