



RAN-2006000101010002

F.Y.MBBS Examination April - 2023

Human Anatomy : Paper II - Set 3

(New CBME Curriculum Pattern)

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

F.Y.MBBS

Name of the Subject :

Human Anatomy : Paper II - Set 3 (New CBME Curriculum Pattern)

Subject Code No.: 2006000101010002

Seat No.:

Student's Signature

Instructions:

- (2) Write each section in separate answer book.
- (3) In section A, all MCQs are compulsory, only one answer will be accepted, no negative marking & must be submitted within first 30 minutes.
- (4) Section A carry 20 marks and Section B & C carry 40 marks each.
- (5) Draw labelled diagrams wherever necessary.
- (6) Write to the point.

SECTION A - MCQs

1x20=20

1. Stomach has relations with all of the following EXCEPT
 - a) Anterior abdominal wall
 - b) Left kidney
 - c) Gall bladder
 - d) Transverse mesocolon
2. True regarding coeliac trunk
 - a) Vertebral level of origin is L1
 - b) Right gastro-epiploic artery is branch of gastroduodenal artery
 - c) Common hepatic artery is the largest branch
 - d) It is artery of midgut

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3. Right kidney is related to all EXCEPT
- 11th rib
 - Quadratus lumborum muscle
 - Transverses abdominis muscle
 - Thoraco-abdominal diaphragm
4. Vertebral level of vena caval opening in thoraco-abdominal diaphragm is
- T8
 - T9
 - T10
 - T12
5. Subdivision of peritoneal cavity posterior to stomach is called
- Omental bursa
 - Lesser sac
 - Omentum
 - Both a & b
6. Medial boundary of femoral ring is formed by
- Lacunar ligament
 - Inguinal ligament
 - Pectinate ligament
 - Pectineal fascia
7. Ligament preventing hyper-extension of hip joint is
- Pubo-femoral ligament
 - Ilio-femoral ligament
 - Inguinal ligament
 - Ischio-femoral ligament
8. Profunda femoris artery leaves femoral triangle by passing between
- Iliacus & psoas major
 - Psoas major & pectineus
 - Pectineus & adductor longus
 - Adductor longus & adductor brevis
9. Posterior primary rami of L1-L3 and S1-S3 supply skin of which quadrant of gluteal region?
- Upper & anterior
 - Upper & posterior
 - Lower & anterior
 - Lower & posterior
10. Lateral plantar nerve innervates all EXCEPT
- Adductor hallucis
 - Flexor digiti minimi brevis
 - 2nd lumbrical
 - Flexor digitorum brevis

11. Incorrect about intercostal nerves
- Provide motor fibres to peripheral part of diaphragm
 - Provide motor fibres to intercostals muscles
 - Provide sensory fibres to costal pleura
 - Lower nerves provide sensory fibres to peritoneum
12. Sternal angle level corresponds to all EXCEPT
- Beginning & end of arch of aorta
 - 2nd sterno-costal joint
 - Demarcation between superior and inferior mediastinum
 - Formation of superior vena cava
13. How many pairs of posterior intercostal arteries arise from descending thoracic aorta?
- | | |
|------|-------|
| a) 7 | b) 8 |
| c) 9 | d) 10 |
14. Incorrect about visceral pleura
- | | |
|------------------------------|---------------------------------|
| a) Adherent to lung surfaces | b) Lines fissures of lungs |
| c) Pain insensitive | d) Innervated by somatic nerves |
15. Lining epithelium of trachea is
- | | |
|----------------------------------------|------------------------------------|
| a) Pseudo-stratified ciliated columnar | b) Simple columnar |
| c) Stratified squamous non-keratinized | d) Stratified squamous keratinized |
16. Example of dense regular connective tissue is
- | | |
|----------------------|-----------------------|
| a) Dermis | b) Superficial fascia |
| c) Capsule of glands | d) Tendon |
17. Tissue develop from ectoderm of embryo is
- | | |
|----------------------|--------------------|
| a) Nervous tissue | b) Muscular tissue |
| c) Connective tissue | d) None of above |
18. Mullerian duct gives rise to
- | | |
|-----------|-------------------|
| a) Ovary | b) Fallopian tube |
| c) Uterus | d) Both b & c |

Que:3(A) Write short notes on (ANY TWO)**10 Marks**

- (1) Profunda femoris artery
- (2) Ligaments of knee joint
- (3) Tibialis anterior muscle

(B) Write short notes on**10 marks**

- (1) Histology of autonomic ganglion **OR** Histology of lymph node
- (2) Histology of colon **OR** Histology of ureter

(C) Write short note on.... (ANY ONE)**4 marks**

- (1) Karyotyping
- (2) Klinefelter syndrome

SECTION C**Marks:40****Que:4 Long questions.... (ANY TWO)****16 marks**

- (1) Describe uterus under following heads.
 - (a) Subdivisions
 - (b) Axes
 - (c) Relations
 - (d) Supports
- (2) Describe thoraco-abdominal diaphragm under following heads.
 - (a) Attachments
 - (b) Major openings
 - (c) Nerve supply
 - (d) Actions
- (3) Describe portal vein in detail with applied aspects.

Que:5(A) Write short notes on (ANY TWO)**10 marks**

- (1) Internal thoracic artery
- (2) Coronary sinus
- (3) Thoracic duct

(B) Write short notes on (ANY TWO)**10 marks**

- (1) Development of right atrium
- (2) Development of pancreas
- (3) Mesonephric duct

(C) Write short note on**4 marks**

Cadaver as a teacher

OR

Hysterosalpingography