

RUHS

First Year MBBS Examination

I MBBS ANATOMY PAPER II

Date: 13-01-2022

Time: 3 hours

Max Marks: 100

Instructions: INSTRUCTIONS: Attempt all questions in both sections: (Use separate answer book for each section)

Section 1

1. Fill in the blanks: (6)
 - a. Trachea bifurcates at Vertebral level.
 - b. Joint present between manubrium and
 - c. Nutrient artery to the tibia is derived from
 - d. Remnants of paramesonephric duct in male are and
 - e. The largest Sesamoid bone in the body is
 - f. The three characteristic features of large gut are
2. Answer the following: (4)
 - a. Permanent kidney is derived from:
 - a) Pronephros
 - b) Mesonephros

- c) Metanephros
 - d) None
- b. Arterial supply of uterine tube is through;
- a) Uterine artery
 - b) Ovarian artery
 - c) Both (a) and (b)
 - d) None
- c. Knee joint is which type of joint;
- a) Ball and Socket
 - b) Saddle Joint
 - c) Condylar and modified hinge
 - d) Elissoid and hinges
- d. Spermatic cord contains;
- a) VAS deferens
 - b) Pampiniform plexus of veins
 - c) Testicular artery
 - d) All
3. A 65 year old man who suffered myocardial infarction was admitted for coronary by surgery. Surgeon used patients long saphenous vein and reversed it for the (15) surgery.
- a. What is myocardial infarction and coronary artery bypass surgery?
- b. Why was long saphenous vein used and reversed for the surgery?
- c. Which other blood vessels are used in coronary artery bypass surgery?

4. Write short notes on (Any five): (10)
 - a. Descent of the test
 - b. Hepatorenal pouch
 - c. Inguinal Ligment
 - d. Bronchopulmonary segments (A-252) (M-246)
 - e. Meckel's diverticulum
 - f. Trigone of the bladder
5. Explain briefly (Any three): (15)
 - a. Supports of uterus
 - b. Femoral canal
 - c. Locking and unlocking at knee joint
 - d. Major openings of the diaphragm

Section 2

6. Describe the portal vein under its formation, course, tributaries, sites of Portocaval anastomosis and its clinical importance. (20)
 7. Explain why (Any five)? (10)
 - a. Why do the inhaled foreign body tend to pass into the right lobe of lung?
 - b. Why the Soleus muscle is known as peripheral heart?
 - c. Why femoral hernia is more common in females?
 - d. Why the pain of appendicitis felt at the umbilicus?
 - e. Why Varicoceles are more common on the left side of the body?
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f. Why the pain of hip joint is felt at the knee?

8. Explain briefly (Any four): (20)

- a. Lobes of prostate.
- b. Deep inguinal ring.
- c. Rotation of mid-gut.
- d. Microanatomy of appendix.
- e. Cross section of the thorax at the level of T4 vertebra.

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