

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

MBBS Phase I Examinations, Aug 2024

Time: 180 Minutes

Max Marks: 80 Marks

Anatomy Paper I - C1011

QP CODE: C1011

Your answer should be specific to the question asked

Draw neat labelled diagrams wherever necessary

Long Essay

10 × 2 = 20 Marks

1. Enumerate the spaces of hand, explain about the palmar spaces with suitable diagram. Add a note on the applied aspects. (1+3+3+3=10)
2. Describe superolateral surface of cerebrum under the following headings a) lobes b) sulci & gyri c) functional areas d) blood supply (2+4+2+2)

Short Essay

5 × 12 = 60 Marks

3. List the peculiarities of sesamoid bone. Give examples
4. Describe the attachments, nerve supply and actions of Latissimus dorsi muscle
5. Describe the boundaries and contents of posterior mediastinum
6. Mention characteristic features of Emissary veins with clinical importance.
7. A one year old child was brought to the hospital for a routine check-up. The mother gave the history of forceps delivery and soft tissue injury to the left side of neck. On examination, the head of the child was turned towards the left shoulder with chin pointing towards right side and above.
 - a) Identify the clinical condition and the structure involved in it. (2)
 - b) Justify the tilting of head towards the left shoulder. (1)
 - c) Mention the nerve supply and actions of the affected structure. (2)
8. Mention the muscles of mastication, nerve supply and actions of each.
9. A 25 years old female presented to the ENT OPD with history of recurrent upper respiratory tract infection and long standing nasal blockade not relieved by routine medications. On examination, the ENT surgeon finds that the nasal septum is deviated to the left.
 - a) Identify the given clinical condition. (1)
 - b) Mention the composition of the affected structure in the given clinical condition. (3)
 - c) Mention any one surgical management for the given clinical condition. (1)
10. Describe the internal structure of larynx.
11. Describe the development of Primitive streak
12. Illustrate the microscopic structure of elastic artery with salient features
13. Describe the blood supply and lymphatic drainage of lungs
14. Describe the pleural recesses and their applied anatomy

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH
(A Deemed to be University)

Time: 180 Minutes

Max Marks: 80 Marks

MBBS Phase I Examination August 2024

Anatomy Paper II

QP CODE: C1012

Your answer should be specific to the question asked

Draw neat labelled diagrams wherever necessary

Long Essay

10 × 2 = 20 Marks

1. Describe Uterus under the following headings a) Gross features b) Normal position and relations c) Blood supply and Lymphatic drainage d) Applied anatomy. (3+3+2+2)
2. Classify the arches of foot. Analyse medial longitudinal arch & its applied anatomy. (3+6+1)

Short Essay

5 × 12 = 60 Marks

3. Define Inguinal hernia and illustrate the coverings of direct inguinal hernia
4. Describe the visceral surface of liver and its relations
5. Describe the portocaval anastomosis with its clinical significance
6. Describe mesentery of small intestine
7. Describe the formation and clinical significance of perineal body
8. Describe intercondylar area of tibia and its attachments.
9. A 45-year-old man with travelling history of hours on long distance flights complains of tightness in the calf and calf muscle tenderness. Doppler reveals feature of Deep vein thrombosis
 - a. Describe the anatomical basis of the condition (3)
 - b. Mention the factors preventing the above condition (2)
10. Describe microscopic anatomy of Ductus deferens
11. Describe the fate of endodermal cloaca.
12. Describe structural chromosomal aberrations.
13. Describe lobes of prostate and add a note on its applied anatomy.
14. Describe the process of handling and disposal of cadaveric parts in dissection.