

ATOMY DEPARTMENT

AZRA NAHEED MEDICAL COLLEGE, LAHORE

SENDUP  
2<sup>nd</sup> year MBBS  
DATE:

Total time: 2 hours  
Total Marks:50

Short Essay Questions (SEQs)



- i. Please write your replies in a legible hand.
- ii. Illustrate your replies with appropriate diagrams, where necessary.
- iii. Attempt all questions which carry equal marks.

- Q1.-What are the components of pharyngeal apparatus? Tabulate the derivatives of pharyngeal arche? (1+4)
- Q2. Draw & label transverse section of pons at the level of facial colliculus? (5)
- Q3. a) Briefly describe the visual pathway? (2.5)  
b) Enlist afferents and efferents of inferior cerebellar peduncle? (2.5)
- Q4. Give origin, insertion, nerve supply and action of muscles of mastication? (5)
- Q5. a) Give the boundaries and contents of pterygopalatine fossa? (3)  
b) What is the dangerous area of face and why justify it? (2)
- Q6. Mention the structures forming boundaries of inguinal canal. What is the difference between direct and indirect inguinal hernia? (4+1)
- Q7. a) Draw & label anatomical relations of right kidney? (2.5)  
b) Briefly describe the blood supply of stomach? (2.5)
- Q8. a. Tabulate the histological differences in the mucosae and submucosae of duodenum, jejunum and ileum. (3)  
b. Draw and label the light microscopic structure of a thyroid follicle. (2)
- Q9. a. Mention the type, articular surfaces, ligaments, movements and muscles acting on temporomandibular joint. (0.25+0.25+0.5+1+1)  
b. Give the causes and name the muscle involved in "torticollis" - (1+1)
- Q10. a. Mention the embryological sources and give the development of tongue; also justify its nerve supply. (2.5)  
b. Draw and label the light microscopic structure of duodenum (2.5)

Handwritten notes in blue ink: "Mandibular branch", "Mandibular foramen", "Mandibular canal", "Mandibular foramen", "Mandibular canal", "Mandibular foramen", "Mandibular canal".





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**II**

**M.B.B.S FIRST PROFESSIONAL PART**  
**SENT UP EXAM (SESSION 2015-16)**  
**(PAPER ANATOMY SUBJECTIVE PART)**

Total Marks: 50

Obtained Marks: \_\_\_\_\_

6

Name: \_\_\_\_\_

Roll No: \_\_\_\_\_

Date: \_\_\_\_\_

Time Allowed: 02:15 hours

**Instructions:**

1. The subjective part is to be submitted within 02:15 hours, extra time will not be given.
2. Neat handwriting, use of margins and marker for headlines will increase the outlook/presentation of your paper

Attempt All Short Essay Questions Given Below:

- Q1. 30 year old male has presented to surgical opd with painful swelling in inguinal region that disappears on lying down and reappears on coughing (0.5)
- a) what is your diagnosis ? (2)
- b) Give differences between direct and indirect inguinal hernia. (2.5)
- c) Enumerate boundaries and contents of inguinal canal. (3)
- Q2. a) Draw and label anterior and posterior relations of right kidney. (2)
- b) Enumerate normal constrictions of ureter. (3)
- Q3. a) Give an account of boundaries and contents of deep perineal pouch. (2)
- b) Give boundaries of pelvic outlet. (2)
- Q4. A 17 years old female had boil on lateral aspect of nose, four days later she developed severe headache, high grade fever, retrorbital pain with redness of eyes (0.5)
- a) what is the cause of above mentioned symptoms. *inferior vena cava thrombosis* (1)
- b) what is the mechanism of above mentioned disease. *dangerous area* (3.5)
- c) give the boundaries, relations and tributaries of cavernous sinus. (3.5)
- Q5. A patient comes to maxillofacial surgeon with inability to close his mouth, surgeon told him that his right temporomandibular joint is dislocated (1)
- a) explain the method by which dislocated temporomandibular joint is corrected. (1)
- b) give ligaments, relations and nerve supply of temporomandibular joint. (4)
- Q6. Give a detailed account of development of tongue with abnormalities. (5)
- Q7. a) How is interatrial septum formed? (3)
- b) what are the common anomalies associated with it? (2)
- Q8. Give development of urinary bladder (5)
- Q9. Draw and label circle of willis. (5)
- Q10. a) Give an account of functional cortical areas of frontal lobe. (2)
- b) Enumerate different nuclei of thalamus. (3)

M.B.B.S FIRST PROFESSIONAL PART ONE  
SENT UP EXAM (SESSION 2017-18)  
(PAPER ANATOMY SUBJECTIVE PART)

Total Marks: 50  
Obtained Marks: \_\_\_\_\_

Name: \_\_\_\_\_  
Roll No: \_\_\_\_\_  
Date: 4 September 2018  
Time Allowed: 02-15 hours

**Instructions:**

1. The subjective part is to be submitted within 02-15 hours, extra time will not be given.
2. Neat handwriting, use of margins and marker for headlines will increase the outlook/presentation of your paper.

Attempt All Short Essay Questions Given Below:

- ~~Q1.~~ A newborn infant was referred to a pediatrician because of the blue color of his skin (cyanosis). An ultrasound examination was ordered to confirm the preliminary diagnosis of tetralogy of Fallot; Enlist the classical defects present in this condition briefly explain their embryological basis. (5)
- ~~Q2.~~ Tabulate the nervous, muscular, skeletal and ligamentous structures derived from first and second pharyngeal arches. What is treacher collin's syndrome? (4+1)
- ~~Q3.~~ a) Draw & label histological diagram of testis? (3.5)  
b) Enlist the functions of sertoli cells? (1.5)
- ~~Q4.~~ Draw & label transverse section of midbrain at the level of superior colliculus? (5)
- ~~Q5.~~ a) Give an account of visual pathway? (2.5)  
b) Enlist afferents and efferents of inferior cerebellar peduncle? (2.5)
- ~~Q6.~~ Draw and label the nerve supply and arterial supply of lateral wall of nose. (2.5+2.5)
- ~~Q7.~~ Give the difference in the anatomy of anal canal above and below the pectinate line on embryological basis. What are external hemorrhoids? (4+1)
- ~~Q8.~~ a) A patient came to OPD with the complain of deviation of angle of mouth and unable to blow air in rt side of mouth, he was diagnosed as case of bell's palsy. Give the anatomical justification of his complains? (3)  
b) What is the dangerous area of face and why justify it? (2)
- ~~Q9.~~ Mention the structures forming boundaries of inguinal canal. what is the difference between direct and indirect inguinal hernia? (4+1)
- ~~Q10.~~ Name the sites of portosystemic anastomosis with the blood vessels taking part. What is portal hypertension? (4+1)



THE SUPERIOR COLLEGE, LAHORE  
2<sup>nd</sup> PROFESSIONAL MBBS  
ANNUAL EXAMINATION 2018  
ANATOMY  
**(SEQ'S)**

Time Allowed: 2 hours

Roll No. 95  
Total Marks: 45

**Instructions**

1. Attempt all questions.
2. All question carry equal marks.
3. The SEQ's part is to be submitted within 2 hours, Extra time will not be given.
4. Neat Hand Writing use of margin and marker for headlines will increase the presentation of your paper.
5. Do not write your name or disclose your identity in anyway.

~~Q-No: 1~~ Give boundaries and contents of Posterior Triangle of neck. 03 3+2

~~Q-No: 2~~ Give an account of Pterygopalatine. Ganglion. 03 5

~~Q-No: 3~~ Name muscles of the anterior abdominal wall with their origin, insertion and actions in tabulated form. 5

~~Q-No: 4~~ What is spermatic cord? Name its constituents. 2.5 1+4

~~Q-No: 5~~

a) A 35-year-old man comes to urologist with a case of urethral stricture. Describe parts of male urethra in tabulated form. 2.5 4

b) What is Culdocentesis? 1

~~Q-No: 6~~

a) Enumerate Cerebellar nuclei. 2

b) Give Blood Supply of the Internal Capsule. 3

~~Q-No: 7~~ Give an account of Lateral spinothalamic tract. 5

~~Q-No: 8~~

a) Describe formation, division and development of heart tube. 2

b) How interatrial septum is formed? 1.5

c) What are the different types of ASD? 2.5 1.5

~~Q-No: 9~~

A 45-year-old lady was diagnosed as Adrenocortical insufficiency (Addison disease) caused by destruction of the adrenal cortex. Draw and label the microscopic picture of the cortex of healthy gland. 5