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2019 Scheme

Q.P. Code: 112001 **Reg. no.: .....**

First Professional MBBS Degree Supplementary (SAY) Examinations
August 2021
Human Anatomy - Paper II

Time: 3 Hours **Total Marks: 100**

- ***Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space***
- ***Answer all parts of a single question together • Leave sufficient space between answers***
- ***Draw table/diagrams/flow charts wherever necessary***

Long Essays **(2x15=30)**

1. A 2-month old male child was brought to the hospital since the mother noticed the left scrotum of the boy was empty. On examination it was noticed that the right testis was in the scrotum. A swelling of 1.5 cm diameter was noted in the left inguinal region. On ultrasound examination it was confirmed that the left testis was in inguinal canal.
   - Mention any two conditions resulting in empty scrotum in newborn.
   - Describe the development and descent of testis.
   - Coverings of testis.
   - Microscopic structure of testis (2+7+3+3)
2. Classify dural venous sinuses. Describe the cavernous sinus under the following headings.
   • Situation and extent • Relations • tributaries and communications • applied anatomy (3+2+4+3+3)

Short essays **(5x8=40)**

3. With the help of a neat diagram describe ischiorectal fossa. Give its clinical importance
4. Gross anatomy, interior, blood supply and development of second part of duodenum
5. Describe internal capsule.
6. External features and blood supply of spinal cord.
7. Extraocular muscles

Short answers **(4x4=16)**

8. Clinical anatomy of pouch of Douglas.
9. Explain anatomical basis of hematemesis and caput medusa in portal hypertension
10. Parts of basal ganglia with functional importance
11. Microscopic structure of prostate

Draw a neat labeled diagram **(4)**

12. Hyoglossus muscle and its relations

Name the following **(10x1=10)**

13. Vertebral level of inferior venacaval opening in the diaphragm
14. What contributes to posterior wall of inguinal canal
15. Two features in the floor of inferior horn of lateral ventricle
16. Name the nerve and a muscle of third pharyngeal arch
17. Name two structures passing through foramen ovale
18. Name two cranial nerve nuclei in medulla oblongata.
19. Name the fissures of liver
20. Where does the nasolacrimal duct open into.
21. Most common position of vermiform appendix
22. Two types of cells present in main gastric glands.

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