



HAT-M20171

Seat No. _____

First Year M. B. B. S. Examination

July - 2017

**Anatomy : Paper - I
(New Course)**

Time : **3** Hours]

[Total Marks : **50**

Instructions :

- (1) Write section I and II in separate answer sheets.
- (2) Draw diagrams wherever necessary.
- (3) Figures on right indicates full marks.

SECTION - I

1 Answer in one or two sentences : **10 (01 mark each)**
(any **ten**)

1. What is Zenker's diverticulum ?
2. Explain anatomically. During thyroidectomy superior thyroid artery is ligated near the thyroid gland.
3. What is myringotomy ? Give its site.
4. Explain the terms : (a) Dacrocystitis (b) Chalazion.
5. Which artery is known as an artery of cerebral hemorrhage ? Why ?
6. What is medial medullary syndrome ?
7. What is chorea ?
8. What is palsy of nerve of Bell ?
9. Name the nerve most likely to be injured in (a) Supracondylar fracture of humerus (b) Inferior dislocation of humerus.
10. What is peau d' orange appearance of skin in breast carcinoma ?
11. What is Holocrine gland ? Give an example.
12. What is parakeratinized epithelium ? Give example.

2 Write short notes on : (any two) **10 (05 marks each)**

1. Write about functional components, branches **2+2+1=5** and distribution and clinical anatomy of Glossopharyngeal nerve.

2. Give the nerve supply (with embryological correlation), lymphatic drainage and applied anatomy of tongue. 3+1+1=5
 3. Describe structure of layers of scalp briefly along with their applied significance. 2+3=5
- 3** Write on any one of the following : **5**
1. Enumerate the pivot joints of upper limb. Describe movements at these joints. 1+4=5
 2. Give attachments, nerve supply, action and applied anatomy of Palmar interossei. 2+1+1+1=5

SECTION - II

- 4** Write short notes on : (any two) **10 (05 marks each)**
1. Define lymphoid tissue and lymphoid organs. Enumerate lymphoid organs. Describe the microscopic structure of thymus in detail. 1+1+3=5
 2. Describe the general pattern of microstructure of wall of Gastro intestinal tract. Enumerate differentiating points between histology of duodenum, jejunum and ileum. 3+2=5
 3. Describe the histology of renal cortex. Give the differences between proximal and distal convoluted tubule. 3+2=5
- 5** Write short notes on : (any two) **10 (05 marks each)**
1. What is fertilization, give its normal site ? Describe stages and effects of fertilization. 1+2+2=5
 2. What is Chorion ? Describe stages in formation of chorionic villi. What is chorionic villi biopsy ? 1+3+1=5
 3. Formation of trilaminar germ disc.
- 6** Write on any one of the following : **5**
1. What is basal nuclei ? Enumerate its parts. Describe caudate nucleus in details. 1+1+3=5
 2. What are cerebellar peduncles ? Describe inferior cerebellar peduncle in details. 1+4=5