

**THE TAMIL NADU Dr.M.G.R. MEDICAL UNIVERSITY**

**[BOT 0321]**

**MARCH 2021  
(AUGUST 2020 EXAM SESSION)**

**Sub. Code: 6172**

**BOT DEGREE EXAMINATION  
FIRST YEAR (FOR 2019-2020 REGISTERED CANDIDATES)  
PAPER II – ANATOMY  
Q.P. Code: 786172**

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Describe the shoulder joint the under following headings.  
a) type/variety b) articular surface c) ligaments d) blood supply e) nerve supply  
f) movements and muscle responsible g) clinical anatomy.
2. Write in detail about femoral nerve formation, course, branches and effect of its injury.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Describe the various type of cartilaginous joint.
2. Serratus anterior muscle.
3. Layers of eyeball and its function.
4. Supination and pronation of forearm.
5. Basal nuclei and their function.
6. Muscles of tongue.
7. Blood supply to heart.
8. Menisci of knee joint.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Sternal angle and it is clinical significance.
2. Cerebrospinal fluid circulation.
3. Draw diagram of anterior relations of right kidney.
4. Define Spermatogenesis.
5. Ape thumb deformity.
6. Nasopharynx.
7. Name any two Sesamoid bones and its function.
8. Coronary sinus.
9. Function of auditory tube.
10. Angina pectoralis.

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