

**MBBS I (First) Professional Examination 2015-16**

Course Code:MBS101

Paper ID:0322201

**Anatomy -I**

Time: 2 Hours 40 Minutes

Max Marks: 40

**Note:** Attempt all questions. Draw proper diagrams to support your answer.

**Part 'B'**

1. Describe anatomy of thyroid gland. Add notes on its development and histology. (10)
2. Write origin, course and distribution of facial nerve. Add a note on its applied anatomy. (10)
3. Write applied anatomy of the: (5+5)
  - a) Cavernous sinus
  - b) Vertebral artery
4. Write short notes on: (2.5x4=10)
  - a) Carpal Tunnel Syndrome
  - b) Scaphoid bone
  - c) Histology of salivary gland
  - d) Numerical aberrations of chromosomes

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Roll No.

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Student's Signature

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Course Code:MBS101

Student's Name

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Invigilator's Signature

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Paper ID: 0322201

**Anatomy - I**

**Part 'A'**

Time: 20 Minutes

Max Marks: 10

- Note:**
1. Attempt all questions and return this part of the question paper to the invigilator after 20 Minutes.
  2. Please tick (✓) correct one only. Cutting, overwriting or any other marking are not allowed.
  3. For answering please use Ball- pen only.

2. Which of the carpal bones is wider on palmar aspect of wrist.
- Scaphoid
  - Lunate
  - Triquetral
  - Capitate
- Q.3 Which of the following nerves has a pseudoganglion:
- Lateral pectoral nerve
  - Axillary nerve
  - Nerve to teres minor
  - Lateral cutaneous nerve of arm
- Q.4 Which of the following is abductor of vocal cords:
- Lateral crico arytenoids
  - Thyroarytenoid
  - Transverse arytenoids
  - Posterior cricoarytenoid
- Q.5 Lateral pterygoid muscle is inserted on:
- Angle of mandible
  - Lingula of mandible
  - Intraarticular disc
  - Coronoid process
- Q.6 Which of the following action is done by the deltoid muscle:
- Adduction
  - Abduction
  - Supination
  - Lateral rotation
- Q.7 Which of the following is atavistic epiphysis:
- Head of humerus
  - Greater tubercle of humerus
  - Olecranon process
  - Coracoids process
- Q.8 Which of the following is a shunt muscle:
- Brachioradialis
  - Biceps brachii
  - Triceps
  - Pronator teres
- Q.9 Which of the following a saddle joint:
- Soulder
  - Elbow
  - 1<sup>st</sup> carpometacarpal
- Q.18 Hypoglossal triangle is present in 4<sup>th</sup> ventricle in:
- Upper part of roof
  - Lower part of roof
  - Lower part of floor
  - Upper part of floor
- Q.19 Which of the following is General Visceral Efferent (GVE):
- Nucleus ambiguus
  - Edinger westphal
  - Hypoglossal nucleus
  - Nucleus of solitary tract
- Q.20 In monozygotic twinning:
- Only one egg is fertilized
  - Babies born are of different sexes
  - Two sperms enter one egg
  - The two babies do not have identical chromosomes

c) Lacrimal nerve  
d) Ophthalmic nerve

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- Lingual nerve
- Anterior division of mandibular nerve
- Posterior division of mandibular nerve
- Maxillary nerve

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- Q.12 Lingual artery is a branch of:
- Internal carotid artery
  - External carotid artery
  - Superior thyroid artery
  - Common carotid artery
- Q.13 Buccinator takes origin from:
- Stylohyoid ligament
  - Styloid process
  - Pterygomandibular raphe
  - Hyoid bone
- Q.14 Fertilization occurs in:
- Uterine cavity
  - Uterine tube
  - Vaginal canal
  - Greater sac
- Q.15 Which of the following does not arise from common tendinous ring:
- Medial rectus
  - Superior oblique
  - Superior rectus
  - Lateral rectus
- Q.16 Which of the following cell in cerebellum is excitatory:
- Granule cell
  - Golgi cell
  - Basket cell
  - Purkinje cell
- Q.17 Broca's area is present in:
- Pars triangularis
  - Pars opercularis
  - Pars orbitalis
  - Middle frontal gyrus