

**First Professional BUMS Degree Supplementary Examinations
December 2024
Tashreeh Ul-Badan - Paper I
(2022 Scheme)**

Time: 3 hrs

Max 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

1. Multiple Choice Questions

(20x1=20)

The Answers to MCQ questions (Q.No. i to Q.No. xx) shall be written continuously on the first two writing sheets (ie Page No. 3 & 4) only

- i. All are the muscles forming boundaries of carotid triangle, except:
 - a) Posterior belly of digastric
 - b) Superior belly of omohyoid
 - c) Inferior belly of omohyoid
 - d) Sternocleidomastoid
- ii. Which answer describes the "Anatomical Position"
 - a) Standing erect, facing the observer, arms at the side, and palms facing to your side
 - b) Standing erect, facing the observer, arms at the side, and palms facing forward
 - c) Standing erect, facing the observer, arms at the side, and palms facing back
 - d) Standing erect, facing the observer, arms at the side, and palms facing outward
- iii. Ruffini corpuscles are found in
 - a) Skin
 - b) Bone
 - c) Brain
 - d) Liver
- iv. Given below are two statements
Statement I: The ethmoidal sinuses are located within the lateral part of ethmoidal bone. It is divided into anterior, middle, posterior groups. All sinuses open into middle meatus of nose except posterior which opens into superior meatus.
Statement II: The middle group of ethmoidal air sinuses opens into the ethmoidal bulla. Each group has one large and 4-6 small sinuses. The anterior group opens into sphenoethmoidal recess.
In light of the above statements, choose the most appropriate answer from the options below
 - a) Both statements I and statement II are true
 - b) Both statement I and statement II are false
 - c) Statement I is correct but statement II is false
 - d) Statement I is incorrect but statement II is true
- v. Derivatives of all the germ layers; ectoderm, Mesoderm and endoderm are present in:
 - a) Heart
 - b) Tympanic membrane
 - c) Cornea
 - d) Urachus
- vi. Which bone carries the most weight of the body
 - a) Femur
 - b) Tibia
 - c) Fibula
 - d) Talus
- vii. Which coat of the eye supplies nutrition to various structures of the eye ball
 - a) Fibrous coat
 - b) Nervous coat
 - c) Uveal tissue
 - d) None of the above

(PTO)

- viii. The shoulder joint is weakest
 a) Superiorly b) Inferiorly c) Anteriorly d) Posteriorly
- ix. Bregma is formed by
 a) Coronary suture and sagittal suture
 b) Lambdoid suture and sagittal suture
 c) Parietal suture and temporal suture
 d) Parietal suture and frontal suture
- x. A feature which is characteristic of all thoracic vertebrae is
 a) Transverse foramen b) Bifid spine
 c) Costal facet d) Odontoid process
- xi. Number of bronchopulmonary segments in lungs
 a) 10 on right side & 9 on left side b) 9 on right side & 10 on left side
 c) 12 on each side d) 10 on each side
- xii. Muscle having double nerve supply
 a) Biceps brachii b) Triceps brachii
 c) Brachialis d) Coracobrachialis
- xiii. The carpal tunnel syndrome is due to compression of
 a) Median nerve b) Ulnar nerve
 c) Radial nerve d) Musculocutaneous nerve
- xiv. Total volume of CSF is
 a) 275ml b) 150ml c) 100ml d) 50ml
- xv. I and II cranial nerves arises from
 a) Fore brain b) Hind brain c) Mid brain d) Spinal cord
- xvi. Superior mediastinum contains the following structures except
 a) Vagus nerve b) Brachiocephalic artery
 c) Oesophagus d) Ascending aorta
- xvii. Lumen of oesophagus is
 a) Rounded b) Flattened side to side
 c) Flattened anterior posteriorly d) Flattened obliquely
- xviii. Structures passing through aortic orifice of diaphragm is
 a) Thoracic duct b) Phrenic nerve
 c) Gastric nerve d) Hemiazygos vein
- xix. Main arterial supply of the tonsils is from
 a) Facial artery b) Ascending pharyngeal artery
 c) Palatine artery d) Maxillary artery
- xx. Sweat glands of axilla are
 a) Apocrine b) Merocrine c) Holocrine d) Endocrine

Short Answer Questions

(8x5=40)

2. Brain
3. Cranial nerves
4. Middle mediastinum
5. Trachea
6. Diaphragm
7. Mammary gland
8. Atlas
9. Submandibular gland

Long Answer Questions

(4x10=40)

10. Muscles of the thorax
11. Pleurae
12. Heart
13. Radius
