

BACHELOR OF MEDICAL LABORATORY
TECHNOLOGY
FIRST SEMESTER
ANATOMY I
BMLT – 101
(USE OMR SHEET FOR OBJECTIVE PART)

2023/22

**SET
A**

Duration: 3 hrs.

Full Marks: 70

Time: 30 min.

(Objective)

Marks: 20

Choose the correct answer from the following:

$1 \times 20 = 20$

1. Oesophagus opens into the stomach at:
a. Fundic orifice
b. Pyloric orifice
c. Cardiac sphincter
d. Cardiac orifice
2. Vertebral column is made of :
a. 31 vertebrae
b. 32 vertebrae
c. 33 vertebrae
d. 34 vertebrae
3. Total number of thoracic vertebrae is:
a. 10
b. 11
c. 12
d. 13
4. Sternum is also called as:
a. Wrist bone
b. Shoulder bone
c. Scapula
d. Breast bone
5. Father of Human Anatomy is:
a. Socrates
b. Hippocrates
c. Pythagoras
d. Herophylus
6. Portal vein supply blood to:
a. Gall bladder
b. Stomach
c. Liver
d. Intestine
7. Duodenum opens into the stomach at:
a. Fundic sphincter
b. Pyloric sphincter
c. Pyloric orifice
d. Fundic orifice
8. Longest human bone is :
a. Scapula
b. Radius
c. Humerus
d. None of the above
9. Joints which can move in all direction is:
a. Ball and socket
b. Pivot
c. Articular
d. None of the above

10. In anatomy, movements towards the midline is:
- | | |
|--------------|----------------------|
| a. Abduction | b. Abdduction |
| c. Abulation | d. None of the above |
11. Collar bone is:
- | | |
|------------|----------------------|
| a. Scapula | b. Femur |
| c. Ulna | d. None of the above |
12. Total number of Lumber vertebrae is:
- | | |
|------|------|
| a. 4 | b. 5 |
| c. 6 | d. 7 |
13. Flat bone is :
- | | |
|---------------|----------------|
| a. Tarsal | b. Metacarbals |
| c. Plallanges | d. Scapula |
14. Atlas and Axis is a:
- | | |
|--------------|----------------------|
| a. Cartilage | b. Bone |
| c. Muscle | d. None of the above |
15. Text Book of Anatomy, an Indian edition book written by:
- | | |
|-----------------|----------------------|
| a. Balbir Singh | b. Inderbir Singh |
| c. Satwan Singh | d. None of the above |
16. Caecum is a part of:
- | | |
|----------------------|----------------------|
| a. Small intestine | b. Large intestine |
| c. Both of the above | d. None of the above |
17. A bone can be name externally as
- | | |
|----------------------|----------------------------|
| a. Head, body , Tail | b. Head and shaft |
| c. Head, Shaft, Base | d. Head, Shaft, Body, Base |
18. Opening of a bone is called as:
- | | |
|-----------|------------|
| a. Fossa | b. Foramen |
| c. Creast | d. Ridge |
19. Rounded articular projection as seen in femur bone is:
- | | |
|-------------|------------|
| a. Creast | b. Foramen |
| c. Tubercle | d. Spine |
20. Pulmonary vein carry
- | | |
|-----------------------|---------------------|
| a. Deoxygenated blood | b. Carbonate blood |
| c. Oxyarbonate blood | d. Oxygenated blood |

(Descriptive)

Time : 2 hrs. 40 min.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. Define Anatomy and write about its branches. Name different types of planes. Write about the different terms (like anterior, posterior , dorsal etc.) in terms of location, relationship, anatomical position etc. 10
2. What is Cardiovascular system and Lymphatic system and write the components. Describe the anatomy of the Heart with a diagram. 10
3. What is joints and classify joints with examples. Describe the anatomy of shoulder joint with a diagram. Write the difference between a condyl and tuberosity. 10
4. Name two important functions and character of epithelial cells and classify it with diagram. Write difference between keratinized and non keratinized epithelial cells. 10
5. Give description of a long bone (Humerus) explaining its markings, borders, surface with a good diagram 10
6. Name the different bones in vertebral column with their numbers. Draw and label a cervical and thoracic vertebrae. 10
7. Describe the different structure and organ of the Digestive System anatomically. Give its location, internal features with a diagram. 10
8. Define Axial and Appendicular skeleton. Classify it according to numbers of bones with their region. Draw a diagram of scapula. 10

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