



Practice MCQ For Govt Pharmacist Exam, in this article we will solve, Practice MCQ on Tissue level of organisation, a topic under Human Anatomy and Physiology first semester. Read following article for your reference,

[Tissue level of organisation](#)

1. Which of the following is NOT one of the four main types of tissues?

- A. Basement
- B. Epithelial
- C. Connective
- D. Muscle

2. Which type of tissue is designed to stretch?

- A. Stratified squamous
- B. Transitional epithelial
- C. Nervous
- D. Cuboidal

3. Tissues are groups of similar cells working together to:

- A. Increase the size and mass of structures in the body
- B. Perform common functions
- C. Fight against diseases
- D. Deliver messages

4. This type of tissue is composed of scattered cells that form a matrix:

- A. Macrophages
- B. Cuboidal
- C. Nervous
- D. Connective

5. Adipose tissue is also known as:

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- A. Fat
- B. Cartilage
- C. Areolar tissue
- D. Brain matter

6. Smooth muscle is found mainly in:

- A. The heart
- B. The stomach
- C. The brain
- D. The skeletal system

7. Chondrocytes are cells found in:

- A. The small intestine
- B. The heart
- C. The brain
- D. Cartilage

8. What structure connects bones to other bones?

- A. Tendons
- B. Hyaline cartilage
- C. Ligaments
- D. Fibroblasts

9. Pseudostratified tissue has a distinctive appearance because:

- A. The nuclei of individual cells do not line up perfectly
- B. Cilia is attached to the surface of the cells
- C. Cells are square and formed in perfect blocks
- D. Cells are square in the bottom layer and flat at the top

10. Elastic fibers are found where in the body?

- A. Joints

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- B. Vocal cords
- C. Ear and nose
- D. Heart

11. The type of muscle tissue that is involuntary and found in the walls of internal organs is:

- A. Skeletal muscle
- B. Cardiac muscle
- C. Smooth muscle
- D. Striated muscle

12. The type of connective tissue that provides support and flexibility in certain areas of the body is:

- A. Bone
- B. Blood
- C. Cartilage
- D. Adipose tissue

13. The primary function of nervous tissue is:

- A. To contract and cause movement
- B. To store energy
- C. To transmit electrical signals
- D. To protect and insulate body organs

14. Which of the following is a characteristic of cardiac muscle tissue?

- A. It has multiple nuclei per cell
- B. It is found in the brain and spinal cord
- C. It has intercalated discs
- D. It is under voluntary control

15. The type of epithelial tissue found in areas subject to abrasion is:

- A. Simple squamous

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- B. Stratified squamous
- C. Simple columnar
- D. Pseudostratified

16. The matrix of blood tissue is known as:

- A. Plasma
- B. Cytoplasm
- C. Interstitial fluid
- D. Lymph

17. Which tissue acts as an insulator to prevent heat loss from the body?

- A. Muscle tissue
- B. Nervous tissue
- C. Epithelial tissue
- D. Adipose tissue

18. The type of cell that is responsible for the production of antibodies is:

- A. Erythrocyte
- B. Neuron
- C. Plasma cell
- D. Fibroblast

19. The type of connective tissue that is hard and forms the skeleton is:

- A. Cartilage
- B. Bone
- C. Adipose
- D. Areolar tissue

20. The type of muscle tissue that can be consciously controlled is:

- A. Smooth muscle
- B. Cardiac muscle

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- C. Skeletal muscle
- D. Elastic muscle

21. The primary cell type found in nervous tissue is:

- A. Neuron
- B. Fibroblast
- C. Macrophage
- D. Chondrocyte

22. The type of epithelial tissue that lines the digestive tract is:

- A. Stratified squamous
- B. Simple squamous
- C. Simple columnar
- D. Transitional

23. The type of connective tissue that stores fat cells is:

- A. Bone
- B. Blood
- C. Cartilage
- D. Adipose tissue

24. The protein that allows for muscle contraction is:

- A. Collagen
- B. Keratin
- C. Actin and myosin
- D. Elastin

25. The type of tissue that forms glands and may secrete substances is:

- A. Muscle tissue
- B. Nervous tissue
- C. Connective tissue

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- D. Epithelial tissue

26. The type of connective tissue that has a liquid matrix and transports nutrients is:

- A. Cartilage
- B. Bone
- C. Blood
- D. Adipose tissue

27. The type of muscle found in the heart is:

- A. Smooth muscle
- B. Cardiac muscle
- C. Skeletal muscle
- D. Voluntary muscle

28. The type of tissue that can generate and conduct electrical impulses is:

- A. Muscle tissue
- B. Connective tissue
- C. Nervous tissue
- D. Epithelial tissue

29. The type of connective tissue that provides tensile strength and flexibility is:

- A. Bone
- B. Cartilage
- C. Dense fibrous tissue
- D. Loose connective tissue

30. The type of epithelial tissue that allows for rapid diffusion of gases in the lungs is:

- A. Stratified squamous
- B. Simple squamous
- C. Simple columnar
- D. Pseudostratified

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Answers

1. **Basement** is NOT one of the four main types of tissues. The four main types are epithelial, connective, muscle, and nervous tissues.
2. The type of tissue that is designed to stretch is **transitional epithelial** tissue.
3. Tissues are groups of similar cells working together to **perform common functions**.
4. **Connective** tissue is composed of scattered cells that form a matrix.
5. Adipose tissue is also known as **fat**.
6. Smooth muscle is found mainly in **the stomach**.
7. **Chondrocytes** are cells found in cartilage.
8. The structure that connects bones to other bones is called **ligaments**.
9. **Pseudostratified** tissue has a distinctive appearance because the nuclei of individual cells do not line up perfectly.
10. Elastic fibers are found in the **vocal cords**.
11. The type of muscle tissue that is involuntary and found in the walls of internal organs is called **smooth muscle**.
12. The type of connective tissue that provides support and flexibility in certain areas of the body is **cartilage**.
13. The primary function of nervous tissue is to **transmit electrical signals**.
14. A characteristic of cardiac muscle tissue is that it **has intercalated discs**.
15. The type of epithelial tissue found in areas subject to abrasion is **stratified squamous**.
16. The matrix of blood tissue is known as **plasma**.
17. The tissue that acts as an insulator to prevent heat loss from the body is **adipose tissue**.
18. The type of cell responsible for the production of antibodies is the **plasma cell**.
19. The type of connective tissue that is hard and forms the skeleton is **bone**.
20. The type of muscle tissue that can be consciously controlled is **skeletal muscle**.
21. The primary cell type found in nervous tissue is the **neuron**.
22. The type of epithelial tissue that lines the digestive tract is **simple columnar**.
23. The type of connective tissue that stores fat cells is **adipose tissue**.
24. The proteins that allow for muscle contraction are **actin and myosin**.
25. The type of tissue that forms glands and may secrete substances is **epithelial tissue**.
26. The type of connective tissue that has a liquid matrix and transports nutrients is **blood**.
27. The type of muscle found in the heart is **cardiac muscle**.
28. The type of tissue that can generate and conduct electrical impulses is **nervous tissue**.
29. The type of connective tissue that provides tensile strength and flexibility is **dense fibrous tissue**.
30. The type of epithelial tissue that allows for rapid diffusion of gases in the lungs is **simple squamous**.