

# Test bank , vertebral column

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1. Intervertebral foramen transmits\_\_\_\_\_?
  - A. Spinal cord
  - B. Spinal nerves
  - C. Spinal fluid
  - D. Spinous process
  
2. All of the following applies to typical cervical vertebrae **EXCEPT** ?
  - A. foramen is large triangular
  - B. Transverse process are short and bifid
  - C. The body is small and oval
  - D. The spine is large and long
  
3. Which of the following is an Atypical cervical vertebrae ?
  - A. 7th vertebrae
  - B. Atlas
  - C. 2nd vertebrae
  - D. 3rd vertebrae
  - E. A and B
  - F. A , C and D
  - G. A , B and C
  
4. Each lateral mass of atlas articulates with \_\_\_\_\_ ?CHOOSE TWO
  - A. Below with occipital condyle of skull
  - B. Above with superior articular process of axis
  - C. Above with occipital condyle of skull
  - D. Below with superior articular process of axis
  
5. Axis is characterized by \_\_\_\_
  - A. Deltoid process
  - B. Odontoid process
  - C. Occipital condyle
  - D. Transverse foramen
  
6. Which the following is characteristic feature of the thoracic vertebrae ?
  - A. Kidney shaped vertebral body
  - B. Bifid spinous process
  - C. Long and slanted spinous process
  - D. Transverse Foramina

7. Which vertebral segment characteristically has a circular vertebral foramen ?

- A. Cervical
- B. Thoracic
- C. Lumbar
- D. Coccyx

8. How many lumbar vertebrae are there ?

- A. 7
- B. 5
- C. 12
- D. 4

9. Which vertebrae has distinctively larger vertebral body and transverse process

- A. L1
- B. L3
- C. L4
- D. L5

10. Which of the following is a feature of a lumbar vertebra

- A. Foremen transversarium
- B. Slanted spinous process
- C. Triangular vertebral foramen
- D. Costal facets

11. Which of the following statement correctly describes the apex of the sacrum ?

- A. Located laterally , it articulates with the ilium
- B. Articulates with 5th lumbar vertebrae
- C. Provide attachment for pelvic ligaments and muscles
- D. Articulates with coccyx

12. How many vertebrae normally comprise the coccyx ?

- A. 2
- B. 3
- C. 4
- D. 5

13. All of following statements are correct about intervertebral discs EXCEPT ?

- A. Acts as shock absorbers
- B. Their elasticity is lost gradually with age
- C. They are primary cartilaginous
- D. Their elasticity allows rigid vertebrae to move on one another

14. Upper and lower surfaces of body of vertebrae are covered by \_\_\_\_?

- A. Fibrocartilage
- B. Hyaline cartilage
- C. Nucleus pulpous
- D. Annulus fibrous

15. The CORRECT statement nucleus pulpous is ?

- A. Normally under pressure and situated slightly nearer to posterior
- B. Concentric layer of fibrocartilage
- C. Covered by hyaline cartilage
- D. Wide and strongly attached to front sides

16. “compression of spinal nerves and neurological manifestation” this best describes \_\_\_\_?

- A. Intervertebral disc herniation
- B. Intervertebral disc degeneration
- C. Intervertebral disc arthritis
- D. Intervertebral disc deformation

17. Zygapophyseal joint is \_\_\_\_\_?

- A. Secondary cartilaginous
- B. Primary cartilaginous
- C. Plane synovial
- D. Fibrous joint

18. Ligament that connects adjacent spines ...?

- A. Supra spinous ligament
- B. Interspinous ligament
- C. Intertransverse ligament
- D. Ligament flavum

19. Which description fits ligamentum flavum most accurately?

- A. A ligament Between adjacent transverse processes
- B. A ligament that connects adjacent spines
- C. A ligament that connects adjacent vertebrae
- D. Ligament between tips of adjacent spines

20. In \_\_\_\_\_ region , supra spinous and interspinous ligaments are greatly thickened to form ligamentum nuchae

- A. Cervical
- B. Thoracic
- C. Lumbar
- D. Coccyx

21. Flexion and extension movements in vertebral column are ..?

- A. Extensive in lumbar
- B. Extensive in thoracic
- C. Restricted in thoracic
- D. Restricted in lumbar
- E. Extensive in cervical
- F. A & B are correct
- G. A , B & C are correct
- H. A & E are correct
- I. A , C and E are correct

22. Lateral flexion is restricted in ?

- A. Cervical
- B. Thoracic
- C. Lumbar
- D. Sacral

23. Rotation is most extensive in lumbar region

- A. True
- B. False

24. Atlanto-occipital joint is considered..?

- A. Plane synovial
- B. Synovial ellipsoid
- C. Fibrous
- D. Primary cartilaginous

25- which joint of the following is between odontoid process and anterior arch

- A. median atlanto-axial joint
- B. Lateral atlanto-axial joint
- C. Atlanto-occipital
- D. Interspinal joint

26.cervical lordosis happens in newborns ..?

- A. Right after birth
- B. After three months
- C. Towards the end of first year
- D. After birth , when child becomes able to raise his head

27. Increase in sagittal curvature in thoracic part of vertebrae best describes

- A. Kyphosis
- B. Lordosis
- C. Scoliosis

## Answers key

1. B
2. D
3. G
4. C , D
5. B
6. C
7. B
8. B
9. D
10. C
11. D
12. C
13. C
14. B
15. A
16. A
17. C
18. C
19. C
20. A
21. I
22. B
23. B
24. B
25. A
26. D
27. A