

Practice Questions on Vertebral Column

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1. ____ Pregnant women can show lordosis of the spinal column to counter the added weight and shift in center of gravity. A lordosis is a spinal curvature which is:
 - A. concave anteriorly in the thoracic region
 - B. concave posteriorly in the lumbar region
 - C. concave posteriorly in the cervical region
 - D. concave laterally opposite the side of handedness (right or left)
 - E. concave anteriorly in the lumbar region

2. ____ Which of the following vertebrae has articular processes oriented in a coronal plane, permitting some limited rotation but no flexion-extension movements between the vertebrae?
 - A. Cervical
 - B. Thoracic
 - C. Lumbar
 - D. Sacral
 - E. Coccygeal

3. ____ The ligamentum nuchae in the cervical region represents a specialization and thickening of the
 - A. Anterior longitudinal ligament
 - B. Posterior longitudinal ligament
 - C. Ligamenta flava
 - D. Supraspinous and interspinous ligaments
 - E. Intertransverse ligaments

4. ____ In herniation of the nucleus pulposus (slipped disc), displacement often occurs in a postero-lateral direction leading to painful nerve compression. This occurs because the ____ is a relatively narrow band.
 - A. Anterior longitudinal ligament
 - B. Ligamenta flava
 - C. Interspinous ligament
 - D. Posterior longitudinal ligament
 - E. Supraspinous ligament

5.____ A 'hemivertebra' occurs when half of a vertebra fails to develop. This can result in painful nerve compression and curvature of the spinal column that is termed

- A. Lordosis
- B. Scoliosis
- C. Kyphosis
- D. Exaggerated primary curvature
- E. Exaggerated secondary curvature in the lumbar region

Answers

- 1. B
- 2. B
- 3. D
- 4. D
- 5. B