VERTEBRAL COLUMN X-RAYS – QUESTIONS

A-1
A. ID feature and vertebra
B. ID bone
C. ID feature and vertebrae #
D. ID feature and vertebrae #
E. ID feature and vertebrae #
F. ID bone
G. ID bone

A-2
A. Name the abnormal curvature between C & D
B. ID specific bone
C. ID feature and vertebrae #

A-3
A. ID specific bone
B. ID feature and vertebrae #
C. What fills this space?

A-4
A. ID feature and vertebrae #
B. ID feature
C. ID curvature. Primary or secondary?

A-4A
Compare the gap size between L₅-S₁ on this patient to that of A-4. This former anatomy student suffered nerve compression due to disc degeneration.

A-5
A. ID feature & vertebrae #
B. Give the complete structural classification of this joint and state the two bony features that form it.
C. ID bone.

A-6
➤ Observe the plate used to “fuse” C₅ & C₆

A-7 – Child’s thorax
➤ Note sharp angle of ribs 11 & 12.
➤ Note that ribs 10-12 articulate with only one vertebral body, but superior ribs articulate with 2

A-8
A. ID feature and bone
B. ID feature
D. ID muscular feature
E. Note shadow of heart

A-9 – Child’s thorax
➤ Compare to A-8 and note formation of sternal body from multiple “sternabrae”

A-10 – Correction of severe scoliosis

A-11 – Note compensatory lumbar scoliosis secondary to thoracic scoliosis

A-12
➤ Observe the bulging intervertebral disc
A. Between which vertebrae is this bulging disc located?
VERTEBRAL COLUMN X-RAYS – ANSWERS

A-1
A. dens of axis
B. atlas
C. body of C₃
D. spinous process of C₆
E. body of T₁
F. 1st rib
G. hyoid bone

A-2
A. scoliosis
B. 12th rib
C. body L₁

A-3
A. 12th rib
B. transverse process of L₃
C. intervertebral disc

A-4
A. body L₄
B. sacral promontory
C. sacral (pelvic) curvature; primary

A-5
A. spinous process of C₇
B. synovial planar between the inferior
   articular process of C₄ and the superior
   articular process of C₅
C. hyoid bone

A-8
A. manubrium of sternum
B. sternal angle
D. diaphragm

A-12
A. L₄ & L₅