

Temporal bone

Multiple Choice

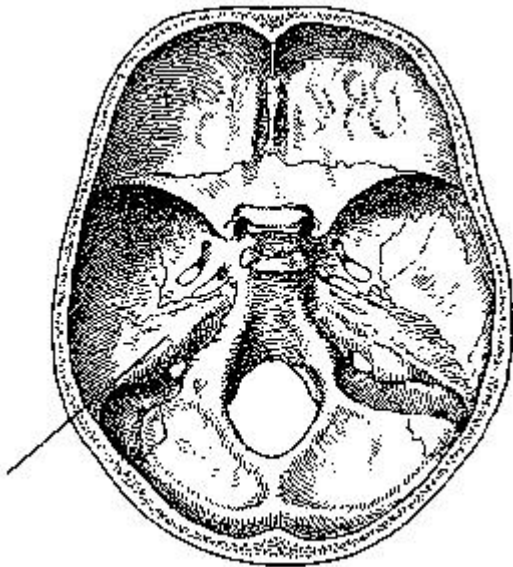
Identify the choice that best completes the statement or answers the question.

- ___ 1. Which division of the temporal bone contains the organs of hearing and equilibrium?
- Petrous
 - Mastoid
 - Squamous
 - Antrum
- ___ 2. Which of the following structures of the inner ear is responsible for hearing?
- Vestibule
 - Semicircular canals
 - Cochlea
 - Round window
- ___ 3. Which cranial bone possesses the zygomatic process?
- Frontal
 - Sphenoid
 - Temporal
 - Ethmoid
- ___ 4. Which three cranial bones articulate directly with the zygomatic bone?
- Frontal, ethmoid, temporal
 - Frontal, sphenoid, temporal
 - Sphenoid, frontal, occipital
 - Ethmoid, parietal, frontal
- ___ 5. Which cranial bone has a dense, pyramid of bone that houses the middle and inner ear structures?
- Occipital bone
 - Frontal bone
 - Parietal bone
 - Temporal bone
- ___ 6. The mastoid process is part of the _____ bone(s).
- temporal
 - occipital
 - parietal
 - frontal
- ___ 7. The EAM is located in the _____ bone.
- temporal
 - ethmoid
 - occipital
 - frontal
- ___ 8. What is contained within the petrous pyramids?

- a. Air cells
- b. Middle and inner ear structures
- c. Pituitary gland
- d. Spinal cord

- ___ 9. The petrous pyramid is a portion of which bone?
- a. Sphenoid bone
 - b. Ethmoid bone
 - c. Temporal bone
 - d. Occipital bone

- ___ 10. The part of the cranial base identified in the figure below is the:



- a. auditory canal.
- b. dorsum sellae.
- c. greater wing.
- d. petrous portion.

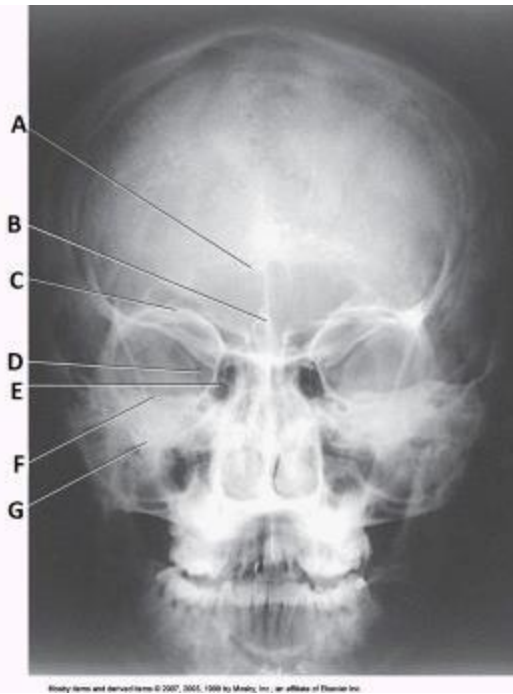
- ___ 11. The zygomatic arches are a part of which bone?
- a. Frontal
 - b. Parietal
 - c. Temporal
 - d. Sphenoid

- ___ 12. Which bone in the skull contains the auditory organs and the organs of hearing?
- a. Temporal
 - b. Sphenoid
 - c. Occipital
 - d. Ethmoid

- ___ 13. The petromastoid portion is a part of which bone?

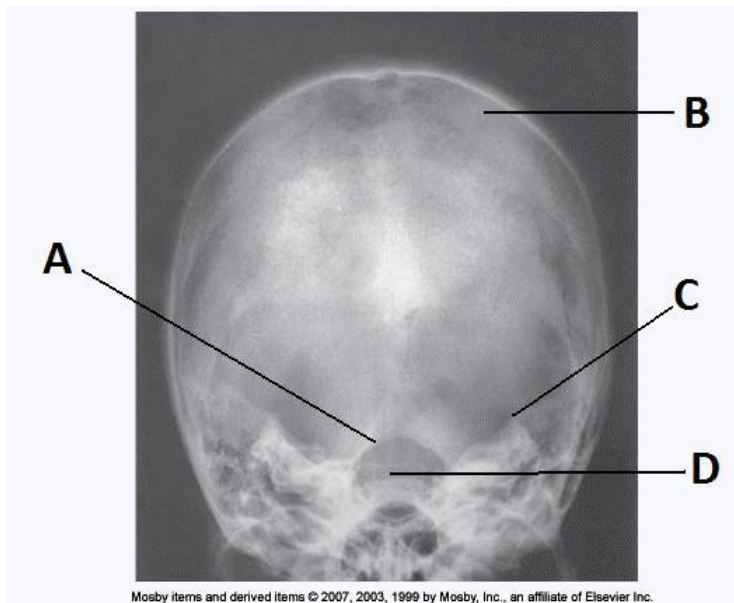
- a. Temporal
- b. Sphenoid
- c. Occipital
- d. Ethmoid

- _____ 14. The vestibulocochlear organ is the organ of:
- 1. hearing.
 - 2. sensation.
 - 3. balance.
- a. 1 and 2
 - b. 1 and 3
 - c. 2 and 3
 - d. 1, 2, and 3
- _____ 15. Which of the following bones is contained in the floor of the cranium?
- 1. Ethmoid
 - 2. Sphenoid
 - 3. Temporal
- a. 1 and 2
 - b. 1 and 3
 - c. 2 and 3
 - d. 1, 2, and 3
- _____ 16. The thickest and densest portion of bone in the cranium is the _____ bone.
- a. mastoid portion of the temporal
 - b. petrous portion of the temporal
 - c. basilar part of the occipital
 - d. glabella of the frontal
- _____ 17. Letter *F* in the image below used to evaluate the cranium labels the:



- a. ethmoid sinuses.
- b. crista galli.
- c. petrous ridge.
- d. inferior orbital margin.

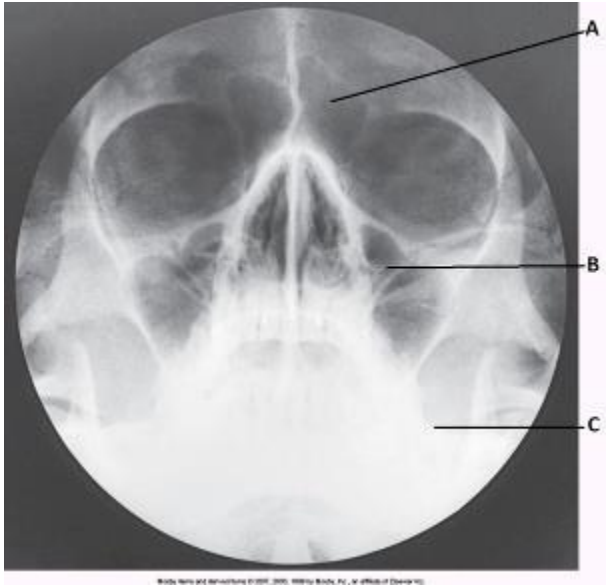
___ 18. Letter C in the image below used to evaluate the cranium labels the:



- a. dorsum sella.
- b. foramen magnum.
- c. petrous ridge.

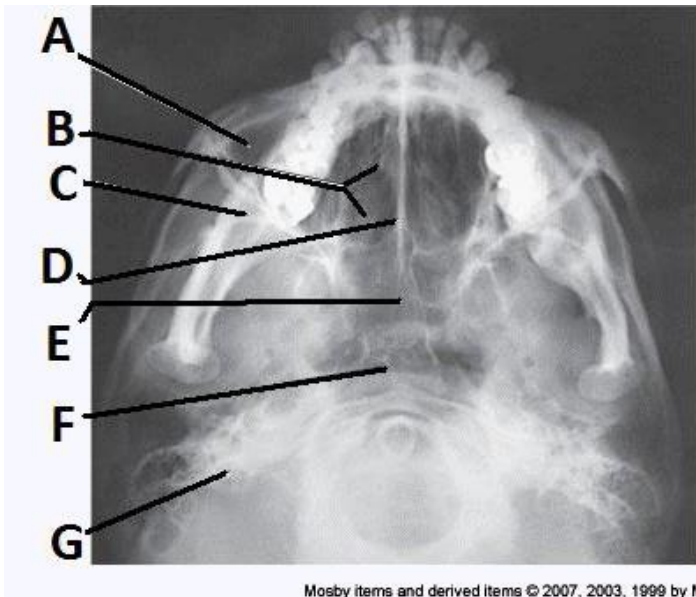
d. parietal bone.

___ 19. The letter C in the image below of the paranasal sinuses labels the:



- a. sphenoid sinuses.
- b. condyle of the mandible.
- c. petrous ridge.
- d. vomer.

___ 20. The letter G in the image below of the paranasal sinuses labels the:



- a. ethmoid sinuses.
- b. sphenoid sinuses.

- c. maxillary sinuses.
- d. petrosa.

Temporal bone Answer Section

MULTIPLE CHOICE

1. ANS: A PTS: 1 REF: 378
2. ANS: C PTS: 1 REF: 385
3. ANS: C PTS: 1 REF: 389
4. ANS: B PTS: 1 REF: 389
5. ANS: D PTS: 1 REF: Page 341
6. ANS: A PTS: 1 REF: Page 341
7. ANS: A PTS: 1 REF: Page 341
8. ANS: B PTS: 1 REF: Page 341
9. ANS: C PTS: 1 REF: Page 341
10. ANS: D PTS: 1 DIF: Level: Hard REF: Volume 2, Page 258
OBJ: Category: Anatomy TOP: Exam: None
11. ANS: C PTS: 1 DIF: Level: Hard REF: Volume 2, Page 268
OBJ: Category: Anatomy TOP: Exam: 2
12. ANS: A PTS: 1 DIF: Level: Hard
REF: Volume 2, Page 268|Volume 2, Page 269 OBJ: Category: Anatomy
TOP: Exam: None
13. ANS: A PTS: 1 DIF: Level: Medium
REF: Volume 2, Page 268 OBJ: Category: Anatomy
TOP: Exam: 1
14. ANS: B PTS: 1 DIF: Level: Hard REF: Volume 2, Page 268
OBJ: Category: Anatomy TOP: Exam: None
15. ANS: D PTS: 1 DIF: Level: Hard REF: Volume 2, Page 258
OBJ: Category: Anatomy TOP: Exam: 4
16. ANS: B PTS: 1 DIF: Level: Hard REF: Volume 2, Page 268
OBJ: Category: Anatomy TOP: Exam: 4
17. ANS: C PTS: 1 DIF: Level: Medium
REF: Volume 2, Page 298 OBJ: Category: Image Evaluation
TOP: Exam: None
18. ANS: C PTS: 1 DIF: Level: Medium
REF: Volume 2, Page 305 OBJ: Category: Image Evaluation
TOP: Exam: None
19. ANS: C PTS: 1 DIF: Level: Medium
REF: Volume 2, Page 363 OBJ: Category: Image Evaluation
TOP: Exam: None
20. ANS: D PTS: 1 DIF: Level: Medium
REF: Volume 2, Page 367 OBJ: Category: Image Evaluation
TOP: Exam: None