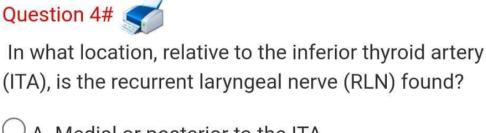
Question 3#
The arterial supply of the thyroid arises from which of the following vessels?
<ul> <li>A. The aorta</li> <li>B. The external carotid arteries</li> <li>C. The thyrocervical trunk</li> <li>D. All of the above</li> </ul>
Ans:D
Question 5#  Although injury to the RLN results in hoarseness (unilateral injury) or airway obstruction (bilateral injury), injury to the superior laryngeal nerve (SLN) results in a more subtle injury, affecting the ability to:
<ul> <li>A. Speak loudly or sing high notes</li> <li>B. Cough</li> <li>C. Feel sensation in the anterior neck</li> <li>D. Grimace</li> </ul>
Ans:A
Question 2# What congenital anomaly arises from the formation of the thyroid gland?
<ul> <li>A. The thyroid isthmus</li> <li>B. The cricothyroid arch</li> <li>C. A thyroglossal duct cyst</li> <li>D. An endobronchial cyst</li> </ul>

Ans:C



A. Medial or posterior to the ITA

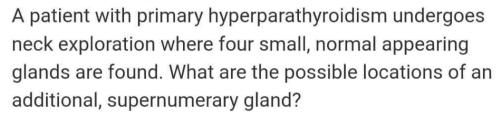
B. Lateral or anterior to the ITA

C. Passing between the branches of the ITA

D. All of the above

Ans:A

### Question 16#



O A. In the thyroid gland

OB. In the thymus

O. In the tracheoesophageal groove

D. All of the above

Ans:D

# 1. Why are parathyroid hormone and calcitonin considered to be antagonists of one another?

upport

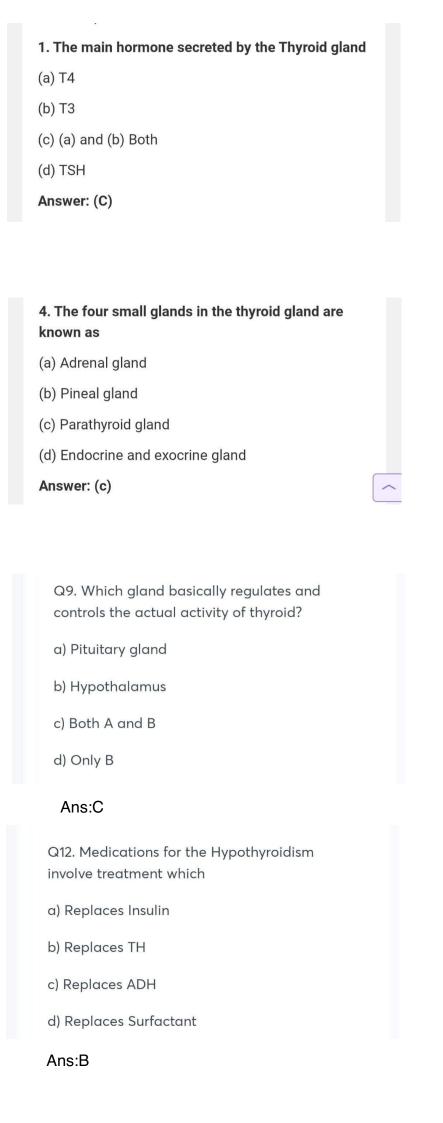
- a. When parathyroid hormone puts calcium back in the blood, calcitonin works alongside it to accomplish the task.
- When parathyroid hormone puts calcium in the blood, calcitonin clears calcium out of the blood.
- c. Calcitonin always dictates how parathyroid hormone will behave.
- d. Parathyroid hormone and calcitonin do not have any effect on each other.

#### Ans:B

## 2. How does the body restore itself to normal when calcium levels are too low?

- a. PTH will stimulate osteoclasts to store calcium in bone
- PTH will stimulate osteoblasts to break down bone, and calcium will enter the blood to restore the level to normal
- c. PTH will stimulate osteoblasts to store calcium in bone
- d. PTH will stimulate osteoclasts to break down bone, and calcium will enter the blood to restore the level to normal

#### Ans:D



5. The hormone that controls the level of calcium and phosphorus in blood is secreted by

- a) Thyroid gland
- b) Parathyroid gland
- c) Pituitary gland
- d) Thymus

#### Ans:B

- 6. What hormone does the parathyroid produce?
- a) Calcitonin
- b) PTH
- c) PFH
- d) Insulin

#### Ans:B

- 7. How many parathyroid glands are present?
- a) 4
- b) 3
- c) 2
- d) 1

#### Ans:A

- 8. What are the types of cells found in parathyroid gland?
- a) Alpha and beta cells
- b) Chiefcells and oxyphil
- c) Parafollicular and follicle cells
- d) Pituicytes and basophil cells

#### Ans:B

- 9. Where are parathyroid glands present?
- a) Posterior surface of lateral lobes of thyroid
- b) Posterior to stomach
- c) On top of kidneys
- d) Upper chest under breastbone

#### Ans:A