

Chapter – 19 | Chemical Coordination and Integration

QUIZ
PART-04

1. Humans usually have how many parathyroid glands?

- A. 2
- B. 3
- C. 4
- D. 6 (C)

Explanation : Four parathyroid glands are present.

2. Parathyroid glands are located on:

- A. Posterior thyroid surface
- B. Liver surface
- C. Kidney cortex
- D. Pancreas head (A)

Explanation : They lie behind the thyroid.

3. PTH is a:

- A. Peptide hormone
- B. Steroid hormone
- C. Digestive enzyme
- D. Bile pigment (A)

Explanation : Parathyroid hormone is peptide in nature.

4. PTH increases blood level of:

- A. Ca^{2+}
- B. Glucose
- C. Sodium only
- D. Urea (A)

Explanation : PTH is hypercalcemic.

5. PTH acts on:

- A. Bones, kidneys and intestine
- B. Heart only
- C. Skin only
- D. Lungs only (A)

Explanation : These organs help increase calcium level.

6. Thymus is located:

- A. Between lungs behind sternum
- B. Inside thyroid
- C. In scrotum
- D. Inside pancreas (A)

Explanation : Thymus lies behind sternum between lungs.

7. Thymus secretes:

- A. Thymosin
- B. Calcitonin
- C. Aldosterone
- D. Glucagon (A)

Explanation : Thymosin is thymus hormone.

8. Thymosin helps maturation of:

- A. T-lymphocytes
- B. RBCs
- C. Platelets
- D. Neurons (A)

Explanation : T-cells provide cell-mediated immunity.

9. Humoral immunity is related to:

- A. Antibody production
- B. Bone demineralization
- C. Water reabsorption
- D. Pupil dilation (A)

Explanation : Thymosin also helps antibody production.

10. Immunity weakens in old age because:

- A. Thymus degenerates
- B. Thyroid enlarges
- C. Pancreas stops digestion
- D. Pituitary disappears (A)

Explanation : Reduced thymosin weakens immune response.