

**CLASS VIII**  
**BIOLOGY**  
**TOPIC - ENDOCRINE SYSTEM**

**ANSWERS**

**Qs 1.**

- a. Acromegaly
- b. Hyperglycemia
- c. Myxoedema
- d. Antidiuretic hormone
- e. Pancreas

**Qs 2.**

1. Insulin
2. Control sugar level in the body
3. Adrenal
4. Increases heart beat
5. Thyroid
6. Control basal metabolism of cells
7. Glucagon
8. Increases blood sugar level
9. Parathyroids
10. Parathormone

**Qs 3.**

- a. Odd one - ADH  
Category - Others are hormones secreted from anterior lobe of pituitary
- b. Odd one - NADP  
Category - Hormones
- c. Odd one - Cataract  
Category - Hormonal disorders

**Qs 4.**

- a. Thyroid
- b. Pancreas
- c. Thyroid
- d. Thyroid
- e. Pituitary
- f. Antidiuretic hormone

**Qs 5.**

- a. Adrenaline and noradrenaline
- b. Insulin and glucagon

- c. Oestrogen and progesterone
- d. Thyroxine and calcitonin
- e. Parathormone

**Exercise Answers**

**A.**

- 1. Endocrine glands
- 2. Pituitary gland
- 3. Adrenal gland
- 4. Goitre
- 5. Pancreas

**D.**

- 1. Insulin
- 2. Adrenaline
- 3. Testosterone
- 4. Parathyroid glands
- 5. Pituitary

**E.**

- 1. False. Deficiency of thyroxine hormone causes cretinism in early growing age.
- 2. False. Adrenal gland releases emergency hormone ie.adrenaline hormone
- 3. True
- 4. False. Insulin lowers blood sugar level.

**F.**

A. Progesterone	Female hormone	Maintainance of the pregnancy.
B. Testosterone	Male hormone	Causes the growth of facial hair.
C. Estrogen	Ovaries	Causes the growth of breasts
D. Endocrine glands	Ductless glands	Release their secretions into the bloodstream.

**G.**

- 1. Adrenaline
- 2. Hormone

3. Exocrine glands
4. Endocrine glands
5. Insulin
6. Glucagon.