

**INDIAN SCHOOL NIZWA**

**CLASS: XI SUB :BIOLOGY**

**CHAPTER – 22: CHEMICAL COORDINATION AND INTEGRATION**

1. Define (a) exocrine gland (b) endocrine gland (c) hormone
2. Explain the various hormones secreted by different parts of pituitary gland.
3. How hypothalamus will regulate the functioning of pituitary gland.
4. Explain the role of thymus gland.
5. Where are adrenal glands located? What are the various secretions of adrenal cortex & adrenal medulla?
6. Where is pancreas located? What are the secretions of pancreas? How they regulate carbohydrate metabolism?
7. How does diabetes mellitus occur?
8. Explain the hormones of testes & ovary.
9. Explain the hormones of heart, kidney and gastrointestinal tract.
10. How the hormones are classified based on their chemical composition?
11. Which hormonal deficiency is responsible for the following?  
  
(a) diabetes mellitus (b) goiter (c) cretinism
12. Give examples of (a) hyper glycaemic hormone and hypoglycaemic hormone  
  
(b) Hypercalcaemic hormone (c) gonadotrophic hormone (d) Blood pressure lowering hormone.
13. Draw the relation between hypothalamus and pituitary gland