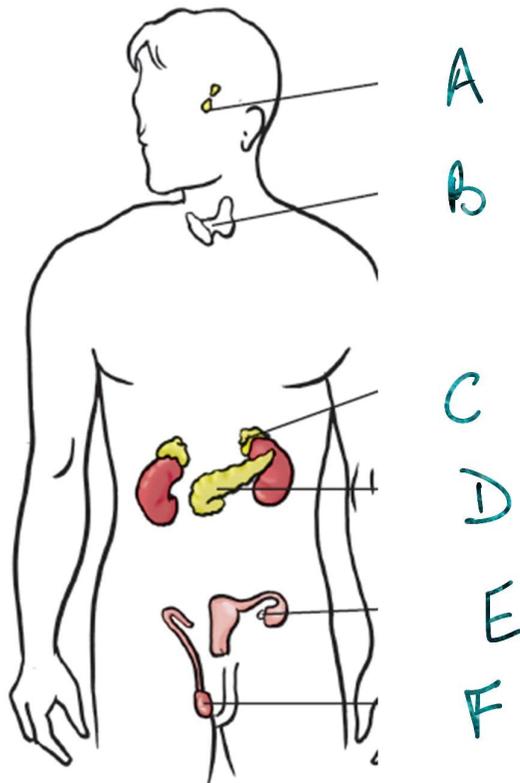


Marks: 35

Time : 45 min

1. Give Reasons
  - a. Puberty is different from adolescence
  - b. Teenagers suffer from acne
  - c. We should have a balanced diet
  - d. Mothers milk is considered good for babies
  - e. Personal hygiene is essential
  - f. Why should adolescents avoid drugs? 6
2. What is Menstruation? What is onset of menstruation cycle called? 3
3. Why is Pituitary called a master gland? 2
4. Name the condition that results from -
  - a. Excess growth hormone
  - b. Lack of insulin 2
5. How are the these controlled?
  - a. Blood glucose levels
  - b. Metamorphosis in insects
  - c. electrolyte concentration in blood
  - d. Production of sperm 4
6. In a strange pond, the tadpoles do not grow into frogs. What could be the reason? 2
7. What are sex chromosomes? Which sex chromosome(s) is/are present in -
  - a. Sperm
  - b. Ovum
  - c. Boys
  - d. Girls 3
8. Why are we advised to use iodized salt? 1
9. Why is it wrong to blame the mother for sex of the child? Explain with a flow chart. 3
10. What are endocrine glands? How do they work on certain parts only? 2
11. Compare the changes that occur in boys and girls during puberty. 3



12.

- Name A, B, C, D, E, F.
- which gland is responsible for stress management
- which gland is absent in females?

4