



Write an essay in one only of the following subjects with illustrations:

- 1-The salivary glands structure.
- 2-The small intestine including intestinal villi and the intestinal crypts of Liberkuhn.
- 3-Pancreas as a mixed gland (exocrine and endocrine including the pancreatic acini and the Islets of Langerhans).
- 4-Thyroid gland (the principle cells and the parafollicular C-cells with the functions of their hormones).
- 5- The ovarian follicles (primordial, primary, secondary and mature) and the corpus luteum.
- 6- The cell cycle and cellular division (meiosis and mitosis)
- 7- Gene/point mutations with reference to genetic disorders.
- 8- Chromosomal mutations with reference to genetic disorders.
- 9- Sex-linked hereditary diseases.
- 10- Mendelian inheritance.

Best wishes.

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