



বিদ্যাসাগর বিশ্ববিদ্যালয়

VIDYASAGAR UNIVERSITY

BMLT

5th Semester Paramedical Examination 2021

CLINICAL ENDOCRINOLOGY AND ANDROLOGY

PAPER—XIII (Unit-25)

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Group - A

Answer any *two* questions.

2×10

1. Discuss the role of hormone in spermatogenesis. What do you mean by teratospermia and azospermia? 6+2+2
2. Write the principle and protocol of sandwich ELISA. What is intra assay variation? (2+5)+3

3. Why ELISA is preferred over RIA? Write short note on goiter. 6+4
4. Write the name of pancreatic hormones and their source of secretion. Write the hormonal disorder in diabetes mellitus. What is ART? 3+5+2

Group - B

Answer any *four* questions. 4×5

5. Write briefly about pituitary gonadal axis and its feed back system.
6. Write the semen fructose estimation procedure.
7. Discuss briefly about role of obesity on infertility.
8. Write in brief about primary and secondary hyperthyroidism.
9. What is cross reaction? What do you mean by sperm viability?
10. Write briefly the regulation of adrenocortical hormone secretion.
11. Write a short note on hypertension.
12. Write the different causes of male infertility.
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