

BMLT 5th Semester Examination, 2018

**CLINICAL ENDOCRINOLOGY AND
ANDROLOGY**

PAPER –XIII (U-25)

Full Marks : 40

Time : 2 hours

Answer Q.No.1 and any three from the rest

*The figures in the right hand margin indicate marks
Candidates are required to give their answers in their
own words as far as practicable*

Illustrate the answers wherever necessary

1. Answer any *five* questions : 2 × 5
- (a) What is cross reaction in ELISA Test ?
 - (b) Write a positive feedback in endocrine system with example.
 - (c) What is teratospermia ?

(Turn Over)

- (d) Write any two cause of goitre.
- (e) Write the full forms of IUI and SUZI.
- (f) Define infertility.
- (g) Write the names of any two radioactive element used in RIA.
- (h) What is primary hypertension ?
2. (a) Write the major causes of male infertility.
- (b) Why does obesity lead to infertility ? 5 + 5
3. (a) Write the steps adopted in IUI.
- (b) State the role of insulin on blood sugar regulation. 6 + 4
4. (a) Discuss the spermatogenesis process in brief.
- (b) State the role of testosterone and thyroxine on spermatogenesis. 5 + (3 + 2)

(3)

5. (a) Write the composition of sperm diluent fluid.

(b) Describe the process of sperm count using WBC counter.

3 + 7

6. Write short notes on :

$2\frac{1}{2} \times 4$

(i) Sperm viability test

(ii) Bronze diabetes

(iii) Secondary hyperthyroidism

(iv) RIA.