

**OLD**

**2015**

**BMLT**

**5th Semester Paramedical Examination  
CLINICAL ENDOCRINOLOGY & ANDROLOGY**

**PAPER—XIII (Unit-25)**

*Full Marks : 35*

*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.*

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

1. Answer any *five* of the following : 5×1

- ✓(a) Write the full forms of ICSI.
- (b) What is positive feed back system in endocrinology?
- (c) What do you mean by hot and cold antigen?
- ✓(d) What is infertility?
- ✓(e) What do you mean by liquid phase immunoassay?
- (f) What is spermiogenesis?
- ✓(g) Write any two abnormal morphology of Sperm.
- ✓(h) What is IDDM?

*(Turn Over)*

2. (a) State the major causes of female infertility.  
(b) Write the major steps adopted in IVF briefly.

4+6

3. (a) Why obesity results infertility?  
(b) Write the major causes of IDDM.  
(c) What is cross reaction in hormone assay?

3+4+3

4. (a) Write the test for testing of Sperm Viability.  
(b) Describe in brief about the role of thyroxine on spermatogenesis.

5+5

5. (a) Describe briefly the technique of sperm count in semen.

- (b) Discuss the conditions when IUI is mandatory in ART.

6+4

6. (a) Discuss the importance of glucose memory test.  
(b) Write the fundamental steps adopted in superovulation.

5+5