

**QP Code: 101519**

**Reg. No: .....**

**M.Ch (Reproductive Medicine and Surgery) Degree Supplementary  
Examinations February 2023**

**Paper I – Basic Medical Sciences as applied to Reproductive Medicine and  
Surgery**

**Time: 3 hrs**

**Max marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Discuss oogenesis and the significance of Anti- Mullerian Hormone (AMH) in infertility.

**Short essays:**

**(8x10=80)**

2. Oral GnRH antagonist – role in reproductive medicine
3. Subclinical hypothyroidism – diagnosis and treatment during fertility treatment
4. Ultrastructure and molecular function of spermatozoa
5. Acrosome reaction and capacitation
6. Evaluation and management of hypogonadotropic – hypogonadism in male subfertility
7. DNA fragmentation tests: significance during male subfertility evaluation
8. Ovarian reserve tests
9. Diagnosis and management of hyperprolactinemia

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