

QP Code: 104519

Reg. No:

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

Paper IV – Recent Advances

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 'Window of implantation'. Describe the role of various hormones in changing or maintaining the Window of implantation.

Short essays:

(8x10=80)

2. Utility of sperm DNA fragmentation assay in fertility work-up.
3. Health of ART babies
4. Reactive oxygen species: significance in male infertility
5. Role of IVM (In – vitro maturation) in current practice
6. MICRO-TESE
7. Dual trigger: discuss about careful selection of patients during ART treatment
8. Discuss about SARS-COV-2 on male fertility
9. Fertility management of turner's syndrome
