

**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**(MCH 0822)**

**AUGUST 2022**

**Sub. Code: 1977**

**M.Ch. – REPRODUCTIVE MEDICINE AND SURGERY**

**Paper II – PRINCIPLES OF EMBRYOLOGY / ANDROLOGY AND ART**

*Q.P. Code: 181977*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:** **(2 x 15 = 30)**

1. Discuss about Quality control (QC ) and Quality assessment ( QA ) in ART lab.
2. Poor ovarian reserve – What are the evidence-based strategies for management of poor responders?

**II. Write notes on:** **(10 x 7 = 70)**

1. Luteal support in IVF.
2. Role of hysteroscopy in Recurrent implantation failure (RIF).
3. CASA system in andrology lab.
4. Sequential versus Single culture media: What are the current implications?
5. Discuss the guidelines for setting up an IVF lab.
6. Critically analyse - Add-ons in ART lab.
7. Discuss about sperm selection options for ICSI.
8. AZF micro deletions.
9. Istanbul consensus on the morphological evaluation of the human embryo.
10. Medical management of oligozoospermia.

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