

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

**(MCH 0124)**

**JANUARY 2024**

**Sub. Code: 1978**

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

**PAPER III – ASSISTED REPRODUCTIVE TECHNOLOGIES OPERATIVE  
GYNAECOLOGY / GENETICS**

*Q.P. Code: 181978*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the etiopathogenesis, diagnosis and management of empty follicle syndrome.
2. Describe the diagnosis of Isthmocele and its impact on fertility and its management.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Describe different surgical methods used for the removal of endometriotic cyst in women with infertility.
2. Describe the various pre operative preparation steps for hysteroscopic myomectomy.
3. Critically evaluate the evidence for various laparoscopic entry techniques.
4. Critically evaluate the evidence for hysteroscopic septal resection for women with previous history of pregnancy loss.
5. Discuss the role of cystic fibrosis transmembrane conductance regulator (CFTR) gene testing in male infertility.
6. Describe the various techniques for adenomyomectomy.
7. Discuss the role of dual trigger in IVF.
8. Critically evaluate the evidence for progesterone level testing in frozen embryo transfer cycles.
9. Critically evaluate the role of follicular flushing during oocyte pick up in ART.
10. Discuss the role of antibiotic prophylaxis during oocyte retrieval.

\*\*\*\*\*