

REPRODUCTIVE MEDICINE

THEORY PAPER

Time : 3 hours

Max. Marks : 100

Attempt all questions in order.

Each question carries 10 marks.

Write short notes on:

1. a) Pathophysiology of COVID-19 infection. 4+6
b) Discuss the recommendation on recommencing ART treatment.
2. a) Diagnosis of evaluation of adenomyosis. 4+6
b) Fertility preservation surgeries in adenomyosis.
3. a) Diagnosis of pregnancy of unknown location. 4+6
b) Role of ultrasound in management of ectopic pregnancy.
4. a) Enumerate indications for fertility preservation in female. 4+3+3
b) Discuss different fertility preservation options in young females with:
 - i. Germ cell tumors.
 - ii. early stage adenocarcinoma uterus
5. A 30-year-old male has azoospermia in the first semen analysis. 3+3+4
How will you investigate, counsel and manage the couple (brief point)?
6. a) Neuroendocrine regulation of prolactin hormone. 5+5
b) Its impact on human fertility.
7. a) Draw and label the pyramid of EBM? Define 'impact factor' of a journal? 5+5
b) Meta-analysis in medical research.
8. a) Critical appraisal of Freeze-all embryos. 5+5
b) Enumerate various protocols for preparing endometrium for FET.
9. Ethics and medico legal problems in ART. 5+5
10. a) Critical evaluation of oocyte donor. 5+5
b) Surrogacy Bill - critical appraisal.
