

REPRODUCTIVE MEDICINE**THEORY PAPER****Time : 3 hours****Max. Marks : 100****Attempt all questions in order.****Each question carries 10 marks.****Write short notes on:**

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| 1. | a) How Covid has impacted the fertility services in India?
b) Briefly discuss the effect of Covid on male and female infertility. | 5+5 |
| 2. | a) Discuss briefly the new ART Act, 2021.
b) What are the changes suggested in the new Act which are different from the 2010 ICMR guidelines? | 5+5 |
| 3. | a) Meta-analysis.
b) Impact factor.
c) Citation index. | 5+2.5+2.5 |
| 4. | Discuss current status of mitochondrial DNA transfer technology, its indications and future. | 10 |
| 5. | a) Briefly describe fertility indices in new National Family Health Survey (NFHS – 5).
b) Suggest measures to be taken to address the declining fertility rates in India. | 5+5 |
| 6. | a) What is the impact of fibroids on the female fertility?
b) Discuss briefly management of four intramural fibroids ranging from 4-5cm each in a case of previous failed IVF cycle. | 5+5 |
| 7. | Outline the workup and treatment of an infertile couple with history of Azoospermia. | 5+5 |
| 8. | Describe briefly the window of implantation. What measures will you take to manage a patient with recurrent implantation failure? | 5+5 |
| 9. | Critical appraisal of Pre-implantation genetic testing and screening. | 5+5 |
| 10. | Discuss the management of a patient with 8x6cm right side Endometrioma in an infertile woman of 35 years of age with significant dysmenorrhoea and dyspareunia. | 10 |
