

**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. Discuss the diagnostic criteria for diagnosis of adenomyosis. Briefly describe the management of a case of primary infertility in a 37-year-old patient with diffuse adenomyosis. 5+5
2. Discuss New Surrogacy Act, 2021. Highlight the management of single parent, widows, gays, NRIs, Foreign nationals in the light of this new Surrogacy Act. 5+5
3. Define poor responders. What is POSEDEION criteria for managing poor responders? 5+5
4. Describe different phenotypes of PCOS. What is the mode of presentation? Outline their management plan. 5+2.5+2.5
5. a) Gene editing. 5+5  
b) Three parent baby.
6. What are the uses of stem cells in reproductive medicine? 10
7. a) Cohort studies. 5+5  
b) Odds ratio.
8. Critically evaluate the policy of "Freeze all" for all, its merits and demerits in the light of new evidence. 5+5
9. Classify Mullerian anomalies. Discuss the management of MRKH syndrome. 5+5
10. a) Management of scar ectopic pregnancy. 5+5  
b) Options for fertility preservation in an adolescent female with ovarian cancer.

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