

MATERNAL & FOETAL 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) NIPT
b) A patient presents at 10 weeks of gestation with history of previous two stillbirths. What will be your management plan for her? 4+6
2. a) Vaccination in pregnancy.
b) Indications and rationale for TORCH testing in pregnancy. 5+5
3. a) Recent modifications of MTP Act in India.
b) International Childbirth Initiative. 5+5
4. a) Covid – 19 and pregnancy. 5+5
b) Maternal microbiome and pregnancy?
5. a) Role of Artificial Intelligence in Obstetrics. 5+5
b) Obesity in pregnancy
6. a) What are the various types of scientific studies that are undertaken? Enumerate their advantages and disadvantages. 6+(2+2)
b) Write about any TWO of the following studies:
i) TRUFFLE
ii) ARRIVE
iii) PROLONG
7. Define teratogenesis. Classify types of teratogens with examples. 1+4+5
How does environmental pollution affect pregnancy?
8. a) What are the anatomical and physiological changes in the urinary tract in pregnancy? (3+3)+4
b) How will you manage pregnancy in a case with previous renal transplant?
9. a) What are the strategies to prevent occurrence of hypertension in pregnancy? 6+4
b) What are the long term consequences of HDP?
10. A baby is born with ambiguous genitalia. What are the possible causes? How will you investigate and manage the baby? How should the family be counselled? 2+3+3+2
