

QP Code: 101155

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Obstetrics & Gynaecology (MS) November 2025**

**Paper I - Applied Basic Sciences in Relation to Obstetrics & Gynaecology**

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay: (20)**

1. Discuss the development of placenta. Describe the morphological abnormalities of placenta and umbilical cord with its clinical importance

**Short Essays: (8x10=80)**

2. Describe the embryogenesis of twin pregnancy with its clinical significance
3. Discuss the pathophysiology of PCOS and the various phenotypes
4. Discuss the role of prostaglandins in Obstetrics
5. Antibiotic prophylaxis in Obstetrics and Gynaecology
6. Describe physiology of ovulation and its clinical applications in ovulation induction
7. Describe the various types of endometrial histology and molecular typing in Carcinoma endometrium with its clinical relevance
8. Disseminated Intravascular Coagulation (DIC) in obstetrics
9. Immunology of recurrent miscarriage

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