

**M.S. DEGREE EXAMINATION**  
**BRANCH II – OBSTETRICS AND GYNAECOLOGY**  
**PAPER I – APPLIED BASIC SCIENCES IN OBSTETRICS AND**  
**GYNAECOLOGY**

*Q.P. Code: 222241*

**Time : Three Hours**

**Maximum : 100 Marks**

**Write Notes on :**

**I. ANATOMY: (4 x 5 = 20)**

1. Pampiniform plexus.
2. Pelvic diaphragm.
3. Development of vagina.
4. Broad ligament.

**II. PHYSIOLOGY: (4 x 5 = 20)**

1. Adrenarche and Pubarche.
2. Physiology of labour.
3. Physiology of menopause.
4. CVS changes in pregnancy.

**III. BIO-CHEMISTRY: (3 x 5 = 15)**

1. Glycaemic profile.
2. Serum Beta HCG.
3. Significance of Thyroid function test in pregnancy.

**IV. PHARMACOLOGY: (3 x 5 = 15)**

1. Saheli.
2. Iron sucrose.
3. Cabergolin.

**V. MICROBIOLOGY: (3 x 5 = 15)**

1. Genital tuberculosis.
2. Genital herpes.
3. Septic abortion.

**VI. PATHOLOGY: (3 x 5 = 15)**

1. Vaccines for HPV.
2. Dysgerminoma.
3. Embryonic node / Rokitansky node.

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