

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

*(A DEEMED TO BE UNIVERSITY)*

**Post Graduate Degree Examination - June/July 2020**

**Time : 3 Hrs**

**Max Marks : 100**

**M.S OBSTETRICS & GYNAECOLOGY**

**Paper-I**

**QP Code: P3141**

*Your answers should be specific to the questions asked.*

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Define delayed puberty, its causes and management (2+4+4)
2. Write the maternal, fetal and placental indications for placental pathological examination. (5+3+2)
3. What is senile vaginitis? How to manage? (5+5)
4. How to interpret the presence of echogenic bowel in antenatal ultrasonography and how to manage a woman with scan showing echogenic bowel at 20 weeks gestation.
5. What are the advantages, drawbacks and limitations of antenatal care? (5+2+3)
6. Discuss the neuroendocrine control of ovarian function (10)
7. What is Pap smear? How to interpret Pap smear? How to manage a patient with Pap smear showing low grade squamous intraepithelial neoplasia (LSIL) (2+4+4)
8. Define fertilization. Describe early fetal development. (3+7)
9. Define adolescence? How will you prevent obesity in adolescents?(2+8)
10. What are the indications of induction of labor? Describe the various methods of pre-induction cervical ripening. Enumerate complications of induction of labor. (3+4+3)

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**Paper- II      QP Code: P3142**

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**LONG ESSAY**

**10 X 10 = 100**

1. Effect of epilepsy on pregnancy? Diagnosis and management of epilepsy in pregnancy. Note on status epilepticus.(2+6+2)
2. Hemodynamic changes during pregnancy? Enumerate the causes of non-cardiogenic pulmonary edema in pregnancy? How will you treat acute pulmonary edema in pregnancy? (5+2+3)
3. Medical and surgical methods used for first trimester abortion and their complications. (4+6)
4. Tests for assessment of fetal lung maturity. Management of preterm newborn of 32 weeks period of gestation (6+4)
5. Causes and management of neonatal jaundice (5+5)
6. Indications, surgical technique of episiotomy
7. Role of operative vaginal delivery in deep transverse arrest. Prerequisites for vacuum assisted delivery. What are the maternal and fetal complications of vacuum delivery? (4+6)
8. Define puerperal pyrexia. Causes of puerperal pyrexia. Write about puerperal sepsis. (2+3+5)
9. Etiology of preterm labor. Current concepts in management of preterm labor. (3+7)
10. Evaluation and management of recurrent miscarriage (5+5)

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**Paper- III      QP Code: P3143**

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**LONG ESSAY**

**10 X 10 = 100**

1. Outline the measures to be taken during surgery to prevent vault prolapse. Discuss surgical options available to treat vault prolapse.( 3+7)
2. Describe the anatomy of fallopian tube. What are the CDC guidelines for diagnosis of acute PID?  
Describe the tubal pathology in 'Genital Tuberculosis'. (3+3+4)
3. Enumerate causes of vesicovaginal fistula and its basic principle of management(4+6)
4. Imaging in polycystic ovaries and diagnosis of PCOS[5+5]
5. Cervical factor in infertility. Write a note on antisperm antibodies[4+6]
6. Transcervical resection of endometrium. Its complications. 6+5
7. Medical and Surgical treatment of endometriosis (5+5)
8. Pathophysiology of osteoporosis in postmenopausal women. Prevention, diagnosis and management of postmenopausal osteoporosis. (3+2+2+3)
9. What are the indications of gonadotropin therapy and how will you monitor it? (4+6)
10. What all the features of robotic surgery and its advantages? (5+5)

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**Paper- IV      QP Code: P3144**

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*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Write a note on tenofovir use to prevent perinatal transmission of Hepatitis B infection. Add indications for tenofovir therapy, safety profile for tenofovir and duration of therapy.(5+5)
2. World health organisation criteria for near miss classification .Various indicators for quality of obstetric care. (5+5)
3. Role of oral hypoglycemic drugs in Gestational diabetes mellitus. (10)
4. Umbilical cord blood sampling (10)
5. Note on Cardiotocography? Types of decelerations? STAnalyser?(3+3+4)
6. Write a short note on Human papilloma virus .Recent advances in HPV vaccines (5+5)
7. Selective estrogen receptor modulators and their various uses in gynecology (5+5)
8. FIGO classification of fibroids? Fibroids recent surgical options?(4+6)
9. Hysteroscopic methods of tubal ligation (10)
10. Role of endometriosis in infertility. Surgical management for endometriosis in infertility. (5+5)