

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
**(A DEEMED TO BE UNIVERSITY)**

**Post Graduate Degree Examination - May 2018**

**Time : 3 Hrs**

**Max Marks : 100**

**M.S OBSTETRICS & GYNAECOLOGY**

**Paper - I**

**Paper Code : RS-4501**

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

*Draw neat labeled diagrams wherever necessary.*

**LONG ESSAY**

**10 X 10 = 100**

1. Describe the anatomy and histology of vagina. Interpretation of vaginal cytology (5+5)
2. What is bromocriptine, describe its mechanism of action and clinical use and side effects (2+3+5)
3. Describe the methods of intrapartum fetal monitoring. Enumerate the maternal and fetal indications of electronic fetal monitoring during pregnancy and labor. What do you understand by 'Normal Tracing' and 'Abnormal Tracing' observed during electronic fetal monitoring. 4+3+3
4. Name some fetal abnormalities amenable to fetal surgery. Write a note on ex-utero intrapartum treatment procedure (EXIT). (6+5)
5. What is active phase of labour? Describe the abnormalities in active phase. Enumerate the cause of these abnormalities. Outline their management. (2+3+2+3)
6. Functions of oestrogen and progesterone. (5+5)
7. Skeleton changes in menopause and how to manage osteoporosis (4+6)
8. Define implantation. Describe the timing, site of implantation and its clinical significance. (3+2+5)
9. Define anaemia? How will you prevent and manage anaemia in adolescents? (2+4+4)
10. Define rape? How to examine a rape victim? Medico-legal aspects of rape. (2+5+3)

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**Paper - II**

**Paper Code : RS-4502**

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**LONG ESSAY**

**10 X 10 = 100**

1. Diagnosis and management of molar pregnancy (4+6)
2. Etiology and prediction of preterm labor. (5+5)
3. Indications, complications and technique of external cephalic version. How will you counsel the patient and patient attenders about external cephalic version (6+4)
4. What is neonatal encephalopathy? Enumerate the criteria for hypoxic ischemic encephalopathy. (3+7)
5. Describe the methods of evaluation of a case of suspected antepartum deep vein thrombosis (DVT) of both lower limbs. Describe the management of antepartum DVT. Enumerate indications for postpartum thrombo-prophylaxis. (3+4+3)
6. Enumerate the causes of generalized edema in a primigravida with term pregnancy. Describe the features of severe pre-eclampsia. How will you prevent eclampsia in pregnant woman with severe pre-eclampsia? (3+3+4)
7. Pathogenesis of consumptive coagulopathy in abruption placenta and its clinical significance (6+4)
8. Enumerate maternal and fetal indications for magnetic resonance imaging during pregnancy? Safety of contrast agent of MRI in pregnancy? (6+4)
9. Clinical features, complications and management of fibroid complicating pregnancy. (3+3+4)
10. Causes and management of obstetric shock? Enumerate about high dependency care unit? (5+5)

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**Paper - III**

**Paper Code : RS-4503**

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**LONG ESSAY**

**10 X 10 = 100**

1. Inversion of uterus. Types of inversion. Management of inversion. (2+4+4)
2. LPD -- diagnosis and management 4+6
3. Discuss the cause investigation and management of hirsutism(4+6)
4. Give the etiology of hyperandrogenism and metabolism of androgens in female. What are the diagnostic procedures and how will you treat a case of PCOD (3+2+3+2)
5. What are the different methods and timings of female tubal ligation? What are the prerequisites for performing tubal ligation? How can you minimize the chance of failure in tubal ligation? (2+2+3+3)
6. Discuss the diagnosis and modern management of AUB.(5+5)
7. Describe the diagnostic criteria, etiopathology and current future treatment of PCOD (3+2+5)
8. Progestogens-mode of action, clinical application in gynaecology (3+7)"
9. Development of vagina , risk factors, clinical features and management of vain(3+6)
10. Discuss the diagnosis of a 35 year old lady with chronic pelvic pain and outline the management (4+6)



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**Paper - IV**

**Paper Code : RS-4504**

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**LONG ESSAY**

**10 X 10 = 100**

1. Types of vacuum devices? Note on ODON device?(5+5)
2. Discuss about long acting reversible contraceptives. (10)
3. Role of Biochemical markers in Pre eclampsia. (10)
4. Recent advances in ovarian cancer staging. Enumerate the various prognostic factors for survival in ovarian malignancy (5+5)
5. Role of kisspeptin in pituitary gonadotrophins. (10)
6. GnRH (gonadotrophin releasing hormone) antagonists in infertility. Various protocols using GnRH protocol. Advantages of GnRH antagonists over GnRH agonists (3+4+3)
7. Various methods ,advantages and disadvantages of Emergency contraception (4+3+3)
8. Role of Hormone Therapy after gynecological cancer. (10)
9. Recent advances in screening of ovarian malignancy. Write a short note on RMI (risk of malignancy index). (5+5)
10. Genital tuberculosis and infertility in Indian population. (10)