

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**  
(A Deemed to be University)

**Post Graduate Examination January 2025**

**Time: 180 Minutes**

**Max Marks: 100 Marks**

**Obstetrics and Gynaecology Paper I**

**QP CODE: P3141**

*Your answer should be specific to the question asked*

*Draw neat labelled diagrams wherever necessary*

**10X10=100**

1. Define MMR. How will you practice safe motherhood in your area? (3+7)
2. Describe foetal circulation. Write the changes of foetal circulation at birth. (5+5)
3. Discuss pharmacodynamics of misoprostol. Enumerate the indications for use of misoprostol in obstetrics. How will you monitor a primigravida who has been induced at full term with vaginal misoprostol? (2+3+5)
4. Role of ultrasound and magnetic resonance imaging (MRI) in gynaecology. (5+5)
5. Ovulation and clinical aspects of ovulation. (5+5)
6. Causes and treatment of frigidity (5+5)
7. Describe the development of female internal genital organs. Discuss the clinical significance (6+4)
8. Describe the methods of intrapartum foetal monitoring. Enumerate the maternal and foetal indications of electronic foetal monitoring during pregnancy and labor. What do you understand by 'Normal Tracing' and 'Abnormal Tracing' observed during electronic foetal monitoring. 4+3+3
9. What is genetic counselling? When and to whom we should we offer prenatal genetic counselling? What is pre-implantation genetic diagnosis? (2+4+4)
10. Define puberty menorrhagia, its causes and management. (2+4+4)

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**  
(A Deemed to be University)

**Post Graduate Examination January 2025**

**Time: 180 Minutes**

**Max Marks: 100 Marks**

**Obstetrics and Gynaecology Paper II**

**QP CODE: P3142**

*Your answer should be specific to the question asked*

*Draw neat labelled diagrams wherever necessary*

**10x10=100**

1. How to manage and follow up of a patient with molar pregnancy? (5+5)
2. What are the problems encountered in a preterm newborn. Diagnosis, prevention and management of respiratory distress syndrome (4+6)
3. Enumerate the psychiatric disorders in pregnancy. Write the management of each disorder. (4+6)
4. Discuss the differential diagnosis and management of a multigravida presenting with antepartum haemorrhage at 34 weeks of gestation (4+6)
5. Define foetal growth restriction (FGR). What is the role of Doppler blood flow studies in the management of FGR? Describe the perinatal problems of FGR babies. (2+4+4)
6. Mechanism of twinning. Twin delivery in second stage. (5+5)
7. Define HELLP syndrome? Discuss the differential diagnosis and management. (2+4+4)
8. Indications, complications and technique of external cephalic version. How will you counsel the patient and patient attenders about external cephalic version (6+4)
9. Maternal and foetal complications of hypothyroidism in pregnancy. Management of hypothyroidism in pregnancy. (6+4)
10. 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)

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH**  
(A Deemed to be University)

**Post Graduate Examination January 2025**

**Time: 180 Minutes**

**Max Marks: 100 Marks**

**Obstetrics and Gynaecology Paper III**

**QP CODE: P3143**

*Your answer should be specific to the question asked*

*Draw neat labelled diagrams wherever necessary*

**10X10= 100**

1. Clinical features, diagnosis and management of lymphogranuloma venereum. (3+3+4)
2. Selection of patient for ovulation induction by clomiphene. Write a note on clomiphene citrate [4+6]
3. Write indications for peripartum hysterectomy. What are the consequences of massive blood loss in Obstetrics? (4+6)
4. A 65 years old postmenopausal lady with bleeding PV on and off for the past 2 months. How will you proceed with the case? (10)
5. What are the various types of hormonal contraceptives? Describe the is mechanism of action advantages and disadvantages. [5+5]
6. Define retroversion. Causes of retroversion. Clinical features and management. (2+2+3+3)
7. What is role of minimally invasive surgery in a case of endometriosis? Discuss the management of recurrent endometriosis in infertility. (5+5)
8. a) What is gender dysphoria in teenagers?  
b) Discuss the issues and management of Transgender adolescents.
9. Molecular biology of ovarian cancer and its clinical implications. (10)
10. a) Dinogest b) GnRH antagonist. (5+5)

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

**(A Deemed to be University)**

**Post Graduate Examination January 2025**

**Time: 180 Minutes**

**Max Marks: 100 Marks**

**Obstetrics and Gynaecology Paper IV**

**QP CODE: P3144**

*Your answer should be specific to the question asked*

*Draw neat labelled diagrams wherever necessary*

**10X10=100**

1. Pathophysiology of pain in labor? Analgesia in labor- types and effects? (5+2+3)
2. What is Pre implantation genetic diagnosis? Clinical uses of cell free foetal DNA for prenatal testing? (5+5)
3. Indication of Uterine transplant. Explain the risk and complications of it.
4. What are the guidelines for sperm preparation and different techniques of IUI
5. 3D & 4D USG in obstetrics & gynaecology
6. Discuss about long-acting reversible contraceptives. (10)
7. Define stress urinary incontinence. How do you differentiate between stress and urge incontinence? Mention the newer treatment modalities for stress urinary incontinence. (2+4+4)
8. a) What is the effect of COVID-19 pandemic on obstetric services in India? b) How will you manage a case of Covid-19 patients in labor?
9. a) What are the different methods of foetal therapy? b) Describe EXIT surgery. (5+5)
10. Write the foetal conditions for which magnetic resonance imaging may be indicated. (10)