

**MANIPAL UNIVERSITY****MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – APRIL 2010****SUBJECT: PAPER I: BASIC SCIENCES**

Monday, April 05, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**Answer ALL the questions. Each question carries TEN marks.**

1. Explain the role of infections in the etiology of intrauterine fetal death.
2. Write on Bethesda system of classification of cervical cytology.
3. Describe anatomy of vulva and list causes for vulval ulcers.
4. Discuss factors influencing recurrence risks for a couple with a previous Down syndrome baby and write on genetic counseling for the same.
5. Discuss the role of hCG (human chorionic gonadotropin) estimation in obstetrics and gynecology.
6. Discuss the role of Selective Estrogen Receptor Modulators (SERMs) in gynecology.
7. Write about pharmacokinetics, uses, dosage and side effects of magnesium sulfate in obstetrics.
8. Write briefly on iron metabolism in pregnancy. List causes for nonnutritional anaemias in pregnancy.
9. Define Emergency Obstetric Care (EOC). Mention types and components of EOC.
10. Discuss the importance of midpelvis in normal and abnormal labour.

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## MANIPAL UNIVERSITY

MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – APRIL 2010

SUBJECT: PAPER II: OBSTETRICS

Tuesday, April 06, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions. All questions carry equal marks.**

1. Write about diagnosis and management of growth restricted fetus.
2. Discuss the term breech trial and its application. Describe assisted breech delivery.
3. Discuss the government policy for antenatal screening of human immunodeficiency virus infection and the various protocols for reducing vertical transmission.
4. Discuss the role of instrumental delivery in modern obstetrics.
5. Discuss management of epilepsy in pregnancy.
6. Write the antenatal and intranatal management of pregnancy with rheumatic heart disease.
7. Discuss the diagnosis and management of dysfunctional labor.
8. Outline the management of shoulder dystocia.
9. Discuss the role of antiphospholipid antibodies in adverse pregnancy outcome.
10. Discuss the role of interventional ultrasound in obstetrics.



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**MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – APRIL 2010**

**SUBJECT: PAPER III: GYNAECOLOGY**

Wednesday, April 07, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions. All questions carry equal marks.**

1. Write about intrauterine progestogens.
2. Discuss the causes and management of posthysterectomy vault prolapse.
3. Discuss the investigations used to evaluate the uterine cavity in a 40-year old patient with severe menstrual blood loss and a bulky uterus.
4. Write about colposcopy. Outline the management of high grade squamous intraepithelial lesion of cervix.
5. Discuss the management of Stage 1 epithelial ovarian cancer.
6. Discuss the approach to a patient with secondary amenorrhea.
7. Discuss the clinical features, diagnosis and management of genital tuberculosis.
8. Describe menopausal symptoms and describe their management.
9. Describe the indications and techniques of myomectomy.
10. Write about etiology and management of male infertility.



**MANIPAL UNIVERSITY****MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – APRIL 2010****SUBJECT: PAPER IV: FAMILY WELFARE INCLUDING PERINATOLOGY  
(NEONATAL CARE) AND RECENT ADVANCES**

Thursday, April 08, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**✍ Answer ALL the questions. All questions carry equal marks.**

1. Discuss the aetiology and management options for recurrent early pregnancy losses.
2. Write on the methods, advantage and disadvantages of conservative surgery for menorrhagia.
3. Explain insulin resistance in polycystic ovarian disease.
4. List the causes of oligoasthenospermia in male infertility and discuss the management options.
5. Write about hormonal contraception and the various clinical applications.
6. Discuss the diagnosis and management of discordant twins.
7. List the complications of a preterm infant and discuss the preventive aspects of avoiding premature labour.
8. Discuss the role of gonadotropin releasing hormone in gynecology.
9. Critically evaluate the role of cervical encirclage in modern obstetrics.
10. Write about the uses of prostaglandins in obstetrics.

