

**MANIPAL UNIVERSITY****MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – APRIL 2011****SUBJECT: PAPER I: BASIC SCIENCES**

Monday, April 04, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

1. Describe the hypothalamic-pituitary-ovarian-uterine-axis in relation to normal menstruation.
2. Write about oxytocics in obstetrics.
3. Describe the etiology of preeclampsia / eclampsia.
4. Discuss the physiology of labor.
5. Discuss the causes and management of acute renal failure in obstetrics.
6. Discuss the effects of progesterone on normal pregnancy.
7. Write about beta subunit of human chorionic gonadotropin and its clinical application.
8. Critically analyse the role of insulin sensitizers in PCOS (polycystic ovarian syndrome).
9. Discuss the role of viral infections in the etiology of carcinoma cervix.
10. Define screening. Discuss one screening procedure each in obstetrics and gynaecology.



Reg. No.									
----------	--	--	--	--	--	--	--	--	--

## MANIPAL UNIVERSITY

MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – APRIL 2011

SUBJECT: PAPER II: OBSTETRICS

Tuesday, April 05, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

1. Write the intrapartum management of twin pregnancy.
2. Discuss the evaluation of still birth.
3. Discuss the diagnosis of cervical incompetence in pregnancy and write the management options.
4. Write the role of conservative management of ectopic pregnancy and explain the management options.
5. What are the causes of postpartum collapse and discuss the management of any one of them.
6. Discuss the management of shoulder dystocia.
7. Discuss the management of a second gravida with a history of previous caesarean section in labour.
8. What are the causes of oligohydramnios detected at 32 weeks of pregnancy and write the management of the same.
9. Write investigations and management of recurrent I trimester pregnancy losses.
10. Discuss the management of anemia in pregnancy and labor.





**MANIPAL UNIVERSITY****MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – APRIL 2011****SUBJECT: PAPER IV: FAMILY WELFARE INCLUDING PERINATOLOGY  
(NEONATAL CARE) AND RECENT ADVANCES**

Thursday, April 07, 2011

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

1. Write about pre-implantation preparatory changes in human embryo and endometrium. Explain how this is achieved in assisted reproduction.
2. Write on neonatal complications in babies of severe preeclamptic mothers.
3. Write briefly on national programs to decrease maternal mortality in India.
4. Discuss the role of an obstetrician in prevention and detection of fetal anomalies.
5. Explain platinum resistance and platinum sensitivity in management of the ovarian cancers.
6. Critically analyse site specific system for description of pelvic organ prolapse.
7. List genetic causes for recurrent pregnancy loss and indicate the treatment options available for those causes.
8. Discuss controversies surrounding the use of letrozole in gynaecology and misoprostol in induction of labour.
9. Write about the newer progesterone only contraceptive methods.
10. Write on management and prevention of breast problems in obstetrics and gynaecological practice.

