

MANIPAL UNIVERSITY**MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – APRIL 2009****SUBJECT: PAPER I: BASIC SCIENCES**

Wednesday, April 01, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

☞ Answer ALL the questions.

1. Describe the effects of chlamydia infections in obstetrics and gynaecology. (10 marks)
2. Describe lymphatic drainage of uterus and its significance in the management of cancer endometrium. (10 marks)
3. Describe arterial blood supply to female genital tract and its significance in clinical practice. (10 marks)
4. Discuss the role of umbilical cord in prenatal diagnosis, treatment and surveillance. (10 marks)
5. Discuss genetic causes for recurrent pregnancy loss and its management. (10 marks)
6. Discuss embryological development of female genital tract. Describe clinical manifestations of Mullerian anomalies. (10 marks)
7. List the uses and mechanisms of action of antioxidant vitamins in pregnancy. (10 marks)
8. Write pharmacokinetics, uses and side effects of nifedepine in pregnancy complications. (10 marks)
9. Discuss role of placental examination in unexplained stillbirth. (10 marks)
10. Outline the changes in hypothalamo pituitary ovarian axis in puberty. List causes of primary amenorrhoea due to hypogonadotrophic hypogonadism. (10 marks)



MANIPAL UNIVERSITY**MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – APRIL 2009****SUBJECT: PAPER II: OBSTETRICS**

Thursday, April 02, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. List the causes and discuss the management of thrombocytopenia in third trimester. (10 marks)
2. Write briefly on current recommendations regarding immunization during pregnancy. (10 marks)
3. Discuss the pathophysiology of asymmetrical IUGR (Intra uterine growth restriction) and its implications on fetal Doppler and neonatal complications. (10 marks)
4. Discuss the risk factors, diagnosis and management of post partum psychosis. (10 marks)
5. How does fetal haemoglobin differ from adult haemoglobin? Mention the significance of this difference and uses of fetal haemoglobin in clinical practice. (10 marks)
6. Discuss the management of a primi gravida detected to be HIV (human immunodeficiency virus) positive at 18 weeks of gestation. (10 marks)
7. Enumerate the complications of cesarean section and discuss the steps to prevent the same (10 marks)
8. Write on pre conception – pre natal diagnostic techniques act (PC-PNDT) and problems in its implementation. (10 marks)
9. How do you manage a case of discordant twins diagnosed at 26 weeks of gestation? (10 marks)
10. Discuss the causes and management of secondary post partum hemorrhage. (10 marks)



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MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER III: GYNAECOLOGY

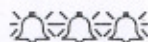
Friday, April 03, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

1. Discuss principles, advantages and disadvantages of procedures done for vaginal vault eversion. (10 marks)
2. Discuss the management of male infertility. (10 marks)
3. Write about CDC guidelines for treatment of Pelvic Inflammatory Disease. (10 marks)
4. Write briefly about types, advantages and disadvantages of tape use for stress incontinence. (10 marks)
5. Mention the causes and discuss the treatment of precocious puberty. (10 marks)
6. Describe clinical features and discuss the management of cervical fibroid. (10 marks)
7. Describe hysteroscopic evaluation and management of abnormal uterine bleeding. (10 marks)
8. Discuss the treatment of stage II carcinoma cervix. (10 marks)
9. Explain the role of Tibolone therapy in menopause. (10 marks)
10. Describe the clinical features, histopathology and prognosis of borderline ovarian tumours. (10 marks)



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MANIPAL UNIVERSITY

MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – APRIL 2009

SUBJECT: PAPER IV: FAMILY WELFARE INCLUDING PERINATOLOGY
(NEONATAL CARE) AND RECENT ADVANCES

Saturday, April 04, 2009

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Discuss medical method of pregnancy termination and emergency contraception.
2. Discuss blood component therapy and state its applications in obstetrics and gynaecology.
3. Write about periconceptional care.
4. Discuss indications and technique of uterine artery embolization.
5. Discuss the current advances of Doppler ultrasound in obstetrics.
6. Discuss the controversies in oligo spermia management.
7. Write about recent developments in intrauterine contraception.
8. Enumerate the causes of neonatal jaundice and treatment of this condition.
9. List the different types of laser and discuss their application in gynaecology.
10. Discuss the indications and technique of hysteroscopic surgery and describe the measures used to reduce the complication rate.

