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## MANIPAL UNIVERSITY

DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2008

SUBJECT: PAPER I: BASIC SCIENCES RELATED TO THE SPECIALITY

Tuesday, April 01, 2008

Time: 3 Hrs.

Max. Marks: 100

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

1. Describe the physiology of labour. Mention different types of dysfunctional labour.
2. Discuss the pathophysiology of pre-eclampsia/eclampsia.
3. Discuss the development of female genital tract and resultant abnormalities.
4. Discuss the regulation of menstrual cycle and the abnormal endocrinological effects.

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## MANIPAL UNIVERSITY

DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2008

SUBJECT: PAPER II: OBSTETRICS INCLUDING NEONATOLOGY AND CONTRACEPTION

Wednesday, April 02, 2008

Time: 3 Hrs.

Max. Marks: 100

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

1. Discuss the management of pregnancy with a previous caesarean section at term.
2. Discuss the prediction and management of postpartum hemorrhage.
3. Discuss the diagnosis and management of intrauterine growth restriction.
4. Discuss hormone releasing intrauterine systems.

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## MANIPAL UNIVERSITY

DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2008

SUBJECT: PAPER III: GYNAECOLOGY AND RECENT ADVANCES

Thursday, April 03, 2008

Time: 3 Hrs.

Max. Marks: 100

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

1. Discuss the management of menopausal problems.
2. Discuss recent trends in the diagnosis and management of endometriosis.
3. Discuss the role of chemotherapy in epithelial ovarian cancer.
4. Outline the evaluation of a case with postmolar bleeding.

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## MANIPAL UNIVERSITY

DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – OCTOBER 2008

SUBJECT: PAPER I: BASIC SCIENCES RELATED TO THE SPECIALITY

Monday, October 06, 2008

Time: 3 Hrs.

Max. Marks: 100

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

1. Describe the anatomical changes occurring in the fetus soon after birth. List causes for Birth asphyxia.
2. Explain the role of folic acid in the prevention of neural tube defects (NTD). List Causes of NTD which may not be prevented by folic acid.
3. Describe amniotic fluid regulation and its functions.
4. Explain why pregnancy is a hypercoagulable state? Discuss advantages and disadvantages of the same.
5. List gynecological conditions causing inguinal lymphadenopathy and describe the Lymphatic drainage of cervix.
6. Enumerate antihypertensives used in pregnancy. Explain their mechanism of action and list their side effects.
7. Normal vaginal flora and pH during pregnancy and its clinical significance.
8. Write briefly on physiology of ovulation. List the indications for suppression of ovulation and drugs used for the same.
9. Explain the changes occurring at puberty and list gynecological problems that may arise in a girl aged 15 years.
10. Describe anatomy and physiology of female urinary continence and reasons for Stress incontinence.

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## MANIPAL UNIVERSITY

DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – OCTOBER 2008

SUBJECT: PAPER II: OBSTETRICS INCLUDING NEONATOLOGY AND CONTRACEPTION

Tuesday, October 07, 2008

Time: 3 Hrs.

Max. Marks: 100

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

1. Physiology of lactation and common problems of breast feeding.
2. Discuss complications in second stage of labour. Indicate how to manage and prevent those complications.
3. What are the principles of drug therapy in pregnancy? List drugs which are absolutely contraindicated in first trimester.
4. How do you manage a case of acute pyelonephritis at 30 weeks of gestation?
5. List indications for cesarean section for second of the twins. Enumerate fetal and neonatal complications in multiple pregnancies.
6. Briefly outline the etiology of Preterm labor. Mention principles of tocolytic therapy.
7. Investigations and treatment of hydatidiform mole.
8. Prevention of Rh isoimmunisation.
9. Explain the different methods of postpartum sterilization along with their advantages and disadvantages.
10. Define maternal death. List direct causes of maternal death. Write briefly on RCH program in India.

**MANIPAL UNIVERSITY****DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – OCTOBER 2008****SUBJECT: PAPER III: GYNAECOLOGY AND RECENT ADVANCES**

Thursday, October 09, 2008

Time: 3 Hrs.

Max. Marks: 100

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

1. Discuss advantages and disadvantages of cytoreduction in the management of malignant ovarian tumours.
2. Write briefly on management of pain in endometriosis.
3. Indications for Karyotype in obstetrics and gynecology.
4. Explain the significance of menstrual history in cases with infertility.
5. Syndromic management of vaginal discharge.
6. Describe clinical features of premenstrual syndrome and give an overview of its management.
7. Noncontraceptive uses intrauterine contraceptive device.
8. Describe the technique of manual vacuum aspiration. How do you sterilise and maintain MVA syringe.
9. Write the differential diagnosis for post menopausal bleeding along with the differentiating features for each.
10. Enumerate the types of endometrial hyperplasia and write the management for each one of them in a lady aged 40 years.