

**MANIPAL UNIVERSITY****PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2014****SUBJECT: PAPER I: BASIC SCIENCES RELATED TO OBSTETRICS AND GYNAECOLOGY**

Tuesday, April 01, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

**Health Sciences Library**

1. Write about the pharmacokinetics and uses of magnesium sulfate.
2. Describe the two cell - two gonadotropin theory of ovulation.
3. Describe the pathophysiology of menopause and write the management.
4. Explain the genetics of complete mole and partial mole.
5. Describe the organisms causing vaginal infections in reproductive age with their diagnosis and treatment.
6. Describe the lymphatic spread of carcinoma cervix and its significance.
7. Describe the changes in the cervix in pregnancy and labour. Write the methods of ripening of the cervix.
8. Discuss changes in renal system in normal pregnancy and in preeclampsia.
9. Write about lower uterine segment and its significance.
10. Write origin and risk factors of leiomyoma uteri. Write briefly on treatment of various complications of fibroid uterus.



**MANIPAL UNIVERSITY****PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2014****SUBJECT: PAPER II: OBSTETRICS INCLUDING SOCIAL OBSTETRICS AND DISEASES OF NEW BORN**

Wednesday, April 02, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

**Health Sciences Library**

1. Discuss the management of primigravida with positive HBsAg status.
2. Discuss aetiology and management of convulsions in a term primigravida.
3. Discuss counselling and evaluation of a second gravida at 10 weeks gestation with previous history of open neural defect.
4. Briefly discuss the evaluation and antenatal care of multifoetal gestation diagnosed at 10 weeks of pregnancy.
5. Classify abruptio placenta. Write investigations with explanation.
6. Write evaluation of severe foetal growth restriction diagnosed in 3<sup>rd</sup> trimester. Discuss management.
7. Mention the causes of preterm labour. Discuss problems of a preterm baby.
8. Describe the different maneuvers that are used in shoulder dystocia. What are the fetal complications of shoulder dystocia?
9. What are the problems anticipated in emergency caesarean delivery? Discuss their management.
10. Define perinatal death and mortality rate. Enumerate national programs to meet millennium development goal 4 (MDG 4).



**MANIPAL UNIVERSITY****PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2014****SUBJECT: PAPER III: GYNAECOLOGY**

Thursday, April 03, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

1. Describe clinical examination of a girl with primary amenorrhoea. Write its relevance to decide investigation protocol.
2. Discuss evaluation and management of menorrhagia in a 30 year old woman.
3. A G2P1L1 comes for termination of pregnancy at 10 weeks of gestation. Discuss method of termination of pregnancy and write contraceptive advice.
4. Describe the management of infertility in a 30 year nulligravid woman with endometriosis.
5. Describe clinical features of benign and malignant ovarian tumours. Write management of ovarian fibroma.
6. Define criteria for diagnosis of PCOS. Briefly outline clinical presentation and management.
7. Describe screening methods for detection of cervical cancer.
8. Write chemotherapeutic protocols used in ovarian cancer.
9. Describe prerequisites, principles and steps of Fothergill's repair. Mention complications.
10. Write briefly on diagnosis and management of unruptured tubal ectopic pregnancy.

