

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION
PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO)
EXAMINATION – MAY 2021

PAPER I

Monday, May 03, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

✍ **Long essay questions:**

1. Discuss the pathophysiology of preeclampsia and its clinical implications.

(15 marks)

2. Explain hormonal control, ovarian and endometrial during normal menstrual cycle

(15 marks)

3. **Short Essay Questions:**

3A. Complications and contraindication of combined oral contraceptive pills

3B. Obstetric and perinatal complications of diabetes in pregnancy

3C. Causes and management of first trimester abortion

3D. Blood supply to the uterus and its clinical significance

3E. Physiology of uterine involution and enumerate the causes for subinvolution

3F. Surfactants and their importance in neonatal management

3G. Supports of uterus and vagina and their clinical significance

3H. Physiological changes at puberty

3I. Complications of fibroids

3J. Iron metabolism in pregnancy and oral iron therapy

(7 marks × 10 = 70 marks)



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PAPER II

Tuesday, May 04, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

✍ **Long essay questions:**

1. Write Causes of antepartum hemorrhage (APH) and discuss the ways to differentiate them. Explain the role and method of expectant management in APH.

(15 marks)

2. Discuss the management of mitral stenosis complicating pregnancy.

(15 marks)

3. **Short Essay questions:**

3A. Diagnosis and management of vulval hematoma.

3B. Causes and complications of birth asphyxia.

3C. Labor analgesia.

3D. Prerequisites and procedure of forceps application.

3E. Immunisation in pregnancy.

3F. Methods of second trimester medical termination of pregnancy.

3G. Causes, Evaluation and management of oligohydramnios.

3H. Complications in monochorionic twins.

3I. Counseling for HIV testing in pregnancy and principles of universal precaution.

3J. Direct and indirect causes of maternal death.

(7 marks × 10 = 70 marks)



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PAPER III

Wednesday, May 05, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

✍ **Long Essay Questions:**

1. Give an overview of theories on origin of endometriosis and critically evaluate the role of Various treatment modalities in endometriosis.

(15 marks)

2. Discuss the causes, investigations and treatment in a 40 years old patient with menorrhagia and a bulky uterus.

(15 marks)

3. **Short essay questions:**

3A. Clinical features and management of cervical fibroid. Describe the technical difficulties at surgery for the same.

3B. The etiology, prevention and management of ovarian hyperstimulation syndrome.

3C. Clinical features, histopathology, treatment and prognosis of Borderline ovarian tumours.

3D. Causes and treatment of precocious puberty.

3E. Causes, diagnosis and management of vesico vaginal fistula.

3F. The treatment of Stage II Carcinoma Cervix.

3G. The conservative surgeries for genital Prolapse.

3H. The need for HRT in menopausal management. Write recommended HRT regimen.

3I. Tubal recanalization.

3J. The role of hormones in aetiology and treatment of endometrial carcinoma.

(7 marks × 10 = 70 marks)

