

**MANIPAL ACADEMY OF HIGHER EDUCATION****PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2019****SUBJECT: PAPER I: BASIC SCIENCES RELATED TO OBSTETRICS AND GYNAECOLOGY**

Tuesday, April 02, 2019

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. Describe the physiological changes of puberty. Explain in brief the management of Turner syndrome.

(15 marks)

2. Describe the development and functions of the placenta. List the abnormalities of the placenta and its clinical significance.

(15 marks)

3. **Write briefly on:**

3A. Hematological and cardiovascular changes in pregnancy

3B. Fetal circulation with a neat diagram

3C. Delanceys support and its clinical significance

3D. Course of pelvic ureter and its surgical importance

3E. Lymphatic drainage of the uterus and its importance in the management of ca endometrium

3F. Pharmacokinetics, dosage and side effects of labetalol

3G. Pathophysiology of preeclampsia and the role of uterine artery Doppler in preeclampsia

3H. Role of amniocentesis in obstetrics

3I. Pathophysiology of vasomotor symptoms in menopause

3J. Endocrine regulation of menstruation

(7 marks × 10 = 70 marks)



**MANIPAL ACADEMY OF HIGHER EDUCATION**

**PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2019**  
**SUBJECT: PAPER II: OBSTETRICS INCLUDING SOCIAL OBSTETRICS AND DISEASES OF NEW BORN**

Wednesday, April 03, 2019

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. Describe cardiac changes in pregnancy. Discuss dilemmas of diagnosing heart disease in pregnancy. Write management of severe mitral stenosis in pregnancy and labour.

(15 marks)

2. What are the complications to be anticipated during repeat caesarean section? Discuss the management options.

(15 marks)

3. **Short essay questions:**

3A. Enumerate causes of retained placenta. Discuss management of retained placenta.

3B. Discuss controversies in diagnosis and management of cervical insufficiency.

3C. Discuss the causes and management of neonatal jaundice.

3D. Critically evaluate the role of instrumental delivery in modern obstetrics.

3E. Define perinatal mortality. Write their causes and explain government schemes to reduce the same.

3F. Write diagnosis and management of intrauterine growth restriction in third trimester.

3G. What is the significance of asymptomatic bacilluria? Write the obstetrical problems of the same.

3H. Discuss causes and management of subinvolution of uterus.

3I. Discuss management of preterm prelabour rupture of membranes.

3J. Describe management of isoimmunised Rh negative pregnant woman.

(7 marks × 10 = 70 marks)



**MANIPAL ACADEMY OF HIGHER EDUCATION****PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2019****SUBJECT: PAPER III: GYNAECOLOGY**

Thursday, April 04, 2019

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 role of surgery along with its merits and demerits in the management of Carcinoma Cervix.

(15 marks)

2. Discuss the diagnosis and management of PCOS in an infertile lady.

(15 marks)

3. **Short essay questions:**

3A. Write briefly on tests for ovarian reserve.

3B. Discuss benefits and risks of Hormone replacement therapy.

3C. Discuss management of endometrial hyperplasia in various age groups.

3D. Briefly discuss vaginal contraceptives.

3E. Write briefly on paraovarian cysts.

3F. Mention indications for operative hysteroscopy. Write briefly on distension media.

3G. Discuss diagnosis and management of Androgen insensitivity syndrome.

3H. Briefly write on clinical features and management of cervical fibroids.

3I. Describe colposcopic features of normal and abnormal cervix.

3J. Discuss the role of Tension free tapes in the management of stress incontinence.

(7 marks × 10 = 70 marks)

