

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2018

SUBJECT: PAPER I: BASIC SCIENCES RELATED TO OBSTETRICS AND GYNAECOLOGY

Monday, April 02, 2018

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 endometrial changes in menstrual cycle with a diagram. Discuss clinical and histopathological changes of endometrium in dysfunctional uterine bleeding and its impact on management.

(15 marks)

2. Write the basics of Doppler ultrasound and discuss its uses in Obstetrics.

(15 marks)

3. **Short Essay Questions:**

3A. Discuss types of suture materials and their use in obstetrics and gynecology.

3B. Write about prostaglandins and their use in obstetrics.

3C. Write about lower uterine segment and its significance.

3D. Discuss antihypertensive drugs used in management of preeclampsia/eclampsia.

3E. Enumerate stages of corpus luteal development and discuss the role of luteal phase support.

3F. Describe the anatomy and physiology of fallopian tube.

3G. Describe carbohydrate metabolism in pregnancy.

3H. Discuss role of virus in carcinoma cervix.

3I. Describe the pathophysiology of septic shock.

3J. Describe the immune protection mechanisms of normal pregnancy.

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION**PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2018****SUBJECT: PAPER II: OBSTETRICS INCLUDING SOCIAL OBSTETRICS AND DISEASES OF NEW BORN**

Tuesday, April 03, 2018

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 evaluation and management of a primipara with third stage bleeding. Discuss the measures to be taken to prevent further complications.

(15 marks)

2. Discuss the evaluation and management of a G3 with previous two spontaneous miscarriages and presently diagnosed to have fetal growth restriction at 29 weeks of pregnancy.

(15 marks)

3. **Short Essay Questions:**

3A. Discuss the antepartum counseling for HIV in a primigravida.

3B. Write briefly on investigations and management of hyperemesis gravidarum.

3C. Define puerperal pyrexia. Discuss clinical examination and investigations of the same.

3D. Explain the problems of prolonged pregnancy and outline the management plan.

3E. Discuss the diagnosis and management of deep transverse arrest.

3F. Discuss the ultrasound diagnosis of fetal neural tube defects.

3G. Critically evaluate the role of episiotomy in modern obstetric practice.

3H. Explain evaluation plan for a primigravida at 30 weeks of pregnancy presenting with breathlessness.

3I. Write on Millennium Development Goals related to maternal health.

3J. Describe examination of a preterm newborn.

(7 marks × 10 = 70 marks)



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PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2018

SUBJECT: PAPER III: GYNAECOLOGY

Wednesday, April 04, 2018

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 causes, clinical features and management of true urinary incontinence.

(15 marks)

2. Discuss the management of a 19 year old girl with a right solid ovarian tumor.

(15 marks)

3. **Short Essay Questions:**

3A. Write the diagnosis and risk categorization of persistent trophoblastic diseases.

3B. Discuss the causes and management of dyspareunia.

3C. Discuss clinical features, findings and management of chronic PID.

3D. Explain the basic principles of gynecologic endoscopy.

3E. Classify Mullerian anomalies and mention their clinical significance.

3F. Explain the clinical features of a cystocele and discuss the management.

3G. Write the staging of endometrial carcinoma and outline the management protocol.

3H. Discuss the options for contraception for a P1L1 at her first postnatal checkup.

3I. Write on MTP act and discuss the fallacies.

3J. Discuss the principles of radiotherapy for carcinoma cervix.

(7 marks × 10 = 70 marks)

