

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – OCTOBER 2020

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

Monday, October 05, 2020

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. Classify tocolytics. Discuss their pharmacokinetics, mechanisms of action, dose and side effects.

(15 marks)

2. Describe the physiology of ovulation. Discuss causes for anovulation and write ovulation induction protocols.

(15 marks)

3. Short Essay Questions:

3A. Describe pathology of complete and partial vesicular mole.

3B. Describe abdominal incisions used in gynaecological surgeries along with their merits and demerits.

3C. Describe supports of uterus.

3D. Describe cardiovascular changes in pregnancy and their clinical significance.

3E. Discuss uses of methotrexate in Obstetrics and Gynaecology.

3F. Describe bacterial flora of vagina in health and disease.

3G. Discuss uses of Doppler ultrasound in the management of IUGR.

3H. Describe pathology and complications of benign germ cell tumours of ovary.

3I. Explain diagnosis of APLA syndrome.

3J. Describe changes in foetal circulation at birth.

(7 marks × 10 = 70 marks)



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SUBJECT: PAPER II: OBSTETRICS INCLUDING SOCIAL OBSTETRICS AND DISEASES OF NEW BORN

Tuesday, October 06, 2020

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 Aetiopathogenesis, Classification and Pharmacoprevention of preeclampsia. Discuss the Management of severe Preeclampsia.

(15 marks)

2. Write Production, assessment clinical implications of amniotic fluid. Discuss management of polyhydramnios at 30 weeks gestation.

(15 marks)

✍ Short Essay Questions:

3. Write briefly on:

3A. Use of forceps in modern day obstetrics.

3B. Pharmacology, Intrapartum use of oxytocin

3C. Neural tube defects – types and screening.

3D. Evaluation of a patient with thrombocytopenia in pregnancy

3E. Management of Prelabour rupture of membranes across the gestational ages

3F. Role of Ultrasound and Doppler in management of Foetal growth restriction

3G. “Beti Bachao Beti Padhao” - Objectives, constituents and impacts.

3H. Screening methods for Gestational Diabetes.

3I. Management strategy for a Primigravida at 34 weeks with breech presentation.

3J. Evaluation and management of Neonatal hyperbilirubinemia

(7 marks × 10 = 70 marks)



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PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – OCTOBER 2020

SUBJECT: PAPER III: GYNAECOLOGY

Wednesday, October 07, 2020

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 clinical presentations, diagnosis and management of tubal ectopic pregnancy.
(15 marks)

2. Discuss the evaluation and management of primary infertility in a 26 year old lady with history of secondary amenorrhoea.
(15 marks)

3. Short Essay Questions:

3A. Discuss the role of depot medroxyprogesterone acetate in gynaecology.

3B. Discuss FIGO 2009 staging of cancer cervix and outline the management.

3C. Discuss the evaluation and management of puberty menorrhagia.

3D. Write briefly about management of advanced ovarian malignancy.

3E. Discuss examination and management of sexual assault victim.

3F. Discuss the options for second trimester medical termination of pregnancy and enumerate the complications.

3G. Discuss 'unsatisfactory' colposcopy and evaluation of the same.

3H. Discuss counseling and techniques of tubal recanalization.

3I. Discuss causes and management of ureterovaginal fistulae.

3J. Write the options for uterus preserving surgeries for uterovaginal prolapse in young and explain the steps of one of them.

(7 marks × 10 = 70 marks)

