

MANIPAL UNIVERSITY**PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2016****SUBJECT: PAPER I: BASIC SCIENCES RELATED TO OBSTETRICS AND GYNAECOLOGY**

Monday, April 18, 2016

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 menopausal hormonal changes and their clinical impact. Discuss indications, formulations and controversies in hormonal replacement therapy.

(15 marks)

2. Describe carbohydrate metabolism in pregnancy. Discuss screening and management of Gestational Diabetes during pregnancy and labour.

(15 marks)

3. **Short Essay Questions:**

3A. Describe blood supply of uterus. Write a note on uterine artery embolization.

3B. Describe lymphatic drainage of vulva and its importance in gynaecology.

3C. Describe aetiopathogenesis and management principles of abruptio placenta.

3D. Discuss placental factors causing endothelial dysfunction and their clinical impact.

3E. Critically evaluate Oral hypoglycemic agents versus insulin for gestational diabetes mellitus.

3F. Discuss the role of prolactin in human reproduction. Write clinical features and management of hyperprolactinaemia.

3G. Describe anatomy of pelvic floor and discuss its role in uterovaginal prolapse.

3H. Describe microbiology of three common organisms causing vaginitis with diagrams. Write their treatment.

3I. Write pharmacokinetics and side effects of tocolytic agents.

3J. Discuss thromboprophylaxis in Obstetrics and Gynecology.

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY

PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2016

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

Tuesday, April 19, 2016

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, diagnosis and management of obstructed labour.
(15 marks)
2. Discuss pathophysiology, screening and diagnosis of preeclampsia. Discuss its management from 32 weeks onwards.
(15 marks)

3. **Short Essay Questions:**

- 3A. Discuss diagnosis and conservative management of placenta praevia.
- 3B. Discuss causes, methods and complications of delivering floating head during caesarean section.
- 3C. Write briefly on external cephalic version.
- 3D. Discuss diagnosis and management of acute fatty liver of pregnancy.
- 3E. Describe vascular anastomosis in monochorionic placenta and their clinical significance.
- 3F. Discuss diagnosis and management of asymmetrical fetal growth restriction.
- 3G. Write causes and discuss management of neonatal jaundice.
- 3H. Discuss clinical features and complications of preterm neonate.
- 3I. Discuss near miss audit in obstetrics.
- 3J. Discuss penalization for violation of PC-PNDT Act.

(7 marks × 10 = 70 marks)



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MANIPAL UNIVERSITY

PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2016

SUBJECT: PAPER III: GYNAECOLOGY

Wednesday, April 20, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

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

✍ **Long Essay:**

1. A 60 year old lady presented with difficulty in passing urine and mass per vaginum. Discuss the differential diagnosis, complications and management.

(15 marks)

2. Discuss clinical features of fibroid uterus. Write indications, prerequisites and complications of myomectomy. Describe various techniques of myomectomy.

(15 marks)

3. **Short Essay Questions:**

3A. Write briefly on Bartholin gland enlargement and its management.

3B. Critically evaluate different tubal patency tests.

3C. What are the causes of leucorrhoea and write the management options for the same.

3D. Describe clinical features and management of dysgerminoma.

3E. Write briefly on large loop excision of transformation zone.

3F. Write briefly on genetic predisposition of gynecological malignancy.

3G. Describe the management of options for Infertility with husband having oligospermia.

3H. Describe the role of Magnetic Resonance imaging in gynaecology.

3I. Discuss the role of HRT (hormonal replacement therapy) in current practice.

3J. Discuss recent developments in management of stress urinary incontinence.

(7 marks × 10 = 70 marks)

