

**MANIPAL UNIVERSITY**

**PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2017**  
**SUBJECT: PAPER I: BASIC SCIENCES RELATED TO OBSTETRICS AND GYNAECOLOGY**

Monday, April 03, 2017

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 two cell – two gonadotrophin theory. Write causes for anovulation and discuss their management.

(15 marks)

2. Describe physiological changes in the renal system in pregnancy. Discuss the causes and management of acute renal failure in pregnancy.

(15 marks)

3. **Short Essay Questions:**

3A. Discuss the diagnosis and management of amniotic fluid embolism.

3B. Describe the changes in fetal circulation at the time of birth.

3C. Describe surface anatomy of anterior vaginal wall and write the clinical significance.

3D. Outline the teratogenic effects of:

i) Warfarin ii) Phenytoin iii) Lithium

3E. Describe the physiology of cervical ripening.

3F. Discuss merits and demerits of antihypertensive drugs used in preeclampsia.

3G. Describe anatomy and histology of cervix. Outline the clinical features and management of chronic cervicitis.

3H. Write principles of sexual differentiation after fertilization.

3I. Describe development and structural anatomy of ovary.

3J. Discuss diagnosis and impact of chlamydial infection in obstetrics and gynaecology.

(7 marks × 10 = 70 marks)



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## MANIPAL UNIVERSITY

PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2017

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

Tuesday, April 04, 2017

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 mechanism of labour in occipito posterior position and discuss its management. (15 marks)

2. Discuss the various methods of fetal well-being tests and critically evaluate the same. (15 marks)

3. Short Essay Questions:

3A. Discuss management of abnormal glucose metabolism in pregnancy.

3B. Write clinical features and management of fibroids complicating pregnancy.

3C. Discuss clinical features and management of septic abortion.

3D. Discuss the diagnosis and management of a woman in prolonged labour.

3E. Write the surgical management of severe atonic post-partum hemorrhage.

3F. Define puerperal pyrexia. Write briefly on clinical examination and management of the same.

3G. Discuss role of ultrasound in second trimester of pregnancy.

3H. Discuss Karnataka State schemes to meet MDG-5 goal.

3I. Describe the different techniques to conduct Breech delivery and associated perinatal complications.

3J. Write the causes of acute renal failure in obstetrics. Discuss the preventive aspects.

(7 marks × 10 = 70 marks)



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# MANIPAL UNIVERSITY

PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2017

SUBJECT: PAPER III: GYNAECOLOGY

Wednesday, April 05, 2017

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 clinical features and management of endometriosis in an infertile woman aged 30 years.

(15 marks)

2. Discuss diagnosis and management of persistent trophoblastic disease.

(15 marks)

3. **Short Essay Questions:**

3A. Discuss conservative management of fibroid uterus.

3B. Discuss the causes and management of secondary dysmenorrhoea.

3C. Write the management of an abnormal pap smear.

3D. Discuss advantages and disadvantages of injectable hormonal contraceptives.

3E. Write the causes and management of puberty menorrhagia.

3F. Write the diagnosis and management of genital tuberculosis.

3G. Discuss procedure of diagnostic hysteroscopy. Write indications and complication of operative hysteroscopy.

3H. Discuss the management of stage I epithelial tumors of ovary.

3I. Critically analyse the different routes of hysterectomy.

3J. Describe the evaluation and management of acute retention of urine in gynecology.

(7 marks × 10 = 70 marks)

