

MANIPAL UNIVERSITY**PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2015****SUBJECT: PAPER I: BASIC SCIENCES RELATED TO OBSTETRICS AND GYNAECOLOGY**

Wednesday, April 01, 2015

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. Explain the anatomical changes in uterus during labor and discuss the mechanism of labour in Left Sacro Anterior position.

(15 marks)

2. Explain the physiological changes at puberty. Write the causes and management of primary amenorrhoea with normal secondary sexual characters.

(15 marks)

3. Short Essay Questions:

3A. Discuss bacteriology and pathology of genital tuberculosis with clinical implications.

3B. Explain the cell cycle and discuss the mechanism of action of methotrexate.

3C. Discuss hematological changes in pregnancy and their clinical significance.

3D. Describe placental villi and hemochorial circulation.

3E. Explain the DeLancey system of supports of the female genital tract and write the risk factors for uterine prolapse.

3F. Write briefly on component blood transfusion in obstetrics.

3G. Write chemical nature, functions and clinical uses of human chorionic gonadotrophin.

3H. Describe graphical analysis of labour.

3I. Describe anatomy, development and clinical significance of transformation zone.

3J. Explain the pathophysiology of preeclampsia and eclampsia.

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2015****SUBJECT: PAPER II: OBSTETRICS INCLUDING SOCIAL OBSTETRICS AND DISEASES OF NEW BORN**

Thursday, April 02, 2015

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. Critically evaluate the various screening tests used to diagnose gestational diabetes. Discuss role of newer insulins and oral hypoglycemic agents in the management of diabetes in pregnancy.

(15 marks)

2. Define perinatal death. Discuss causes and prevention.

(15 marks)

3. **Short Essay Questions:**

3A. Discuss the screening tests for Down syndrome in the first and second trimester.

3B. Discuss the complications and management of fibroid complicating pregnancy.

3C. Discuss indications, complications and steps of ventouse delivery.

3D. Discuss the management of tuberculosis complicating pregnancy.

3E. Outline the causes and differential diagnosis of surgical emergencies during pregnancy.

3F. Write investigations in preeclampsia with reasoning.

3G. Describe the steps of repair of complete perineal tear and postoperative care.

3H. Describe the diagnosis and management of hypotonic uterine dysfunction.

3I. Discuss evaluation and management of neonatal seizures.

3J. Outline the NACO guidelines for the management of HIV positive woman during pregnancy and labor.

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY

PG DIPLOMA IN OBSTETRICS & GYNAECOLOGY (DGO) EXAMINATION – APRIL 2015

SUBJECT: PAPER III: GYNAECOLOGY

Saturday, April 04, 2015

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 criteria for diagnosis of Acute PID. Discuss clinical features and management of acute and chronic PID.

(15 marks)

2. Discuss causes, clinical evaluation and management of male infertility.

(15 marks)

3. Short Essay Questions:

3A. Briefly discuss causes and management options for Chronic Pelvic Pain.

3B. Discuss current management of menopausal problems.

3C. Discuss management of postoperative complications following abdominal hysterectomy.

3D. Briefly discuss causes and clinical manifestations Hyperprolactinemia.

3E. Describe conservative surgeries in management of uterine prolapse.

3F. Describe routes and principles of Myomectomy.

3G. Discuss causes and management of pyometra.

3H. Discuss prevention and management of bladder injuries in gynaecological surgery.

3I. Discuss management of PCOS in an adolescent girl.

3J. Discuss management of missing tail of CuT.

(7 marks × 10 = 70 marks)

