

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

Tuesday, October 06, 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 hormonal and endometrial changes in normal and abnormal menstrual cycles.
(15 marks)

2. Describe phases of parturition along with physiological and biochemical processes involved.
Write types of abnormal uterine actions along with clinical features and management.
(15 marks)

3. **Short Essay Questions:**

3A. Describe changes in fetal circulation at birth. Write causes of birth asphyxia and its clinical impact.

3B. List placental hormones and write their functions.

3C. Discuss pelvic and cephalopelvic assessments and their clinical relevance.

3D. Explain WHO partogram and write management according to its findings.

3E. Write briefly on pathophysiology and management of menopausal vasomotor symptoms.

3F. Discuss clinical problems associated with thyroid dysfunction in obstetrics and gynaecology.

3G. Discuss dose, merits and demerits of various betamimetic drugs used in tocolysis.

3H. Briefly describe anatomy of pelvic floor and causes for genital prolapse.

3I. Discuss microbiology, clinical features, diagnosis and management of gonococcal infections in gynaecology.

3J. Write mechanism of action, pharmacokinetics, clinical uses and side effects of methotrexate.

(7 marks × 10 = 70 marks)



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

Wednesday, October 07, 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. A primigravida with gestational diabetes presents at 30 weeks of pregnancy in labor. Discuss her management plan. Discuss perinatal implications of diabetes in pregnancy. (15 marks)

2. Discuss the management plan for a G2P1L1 at 38 weeks of pregnancy with previous cesarean delivery. Write measures to decrease primary caesarean deliveries. (15 marks)

3. **Short Essay Questions:**

3A. Discuss amniotomy in labor management.

3B. Explain assisted breech delivery and complications associated with the same.

3C. Discuss evaluation of a 2nd gravida during her booking visit with previous history of stillbirth.

3D. Discuss the role of parenteral iron in Obstetrics.

3E. Discuss the diagnosis, causes and complications of birth asphyxia.

3F. Discuss the management of a woman on 8th postnatal day with secondary postpartum hemorrhage.

3G. Explain the role of obstetric ultrasound in the first trimester.

3H. Define maternal death. Write indices of maternal mortality and classify the causes.

3I. Discuss clinical features and management of placenta praevia at 30 weeks.

3J. Discuss the measures to prevent Rh isoimmunisation in obstetrics.

(7 marks × 10 = 70 marks)



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

SUBJECT: PAPER III: GYNAECOLOGY

Thursday, October 08, 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:**

1. Discuss the causes and management of dysmenorrhea in a 35 year old lady. (15 marks)
2. Discuss causes, evaluation and management of secondary amenorrhea. (15 marks)

3. **Short Essay Questions:**

- 3A. Describe FIGO stage based management of carcinoma cervix.
- 3B. Write syndromic approach for vaginal discharge.
- 3C. Discuss evaluation and management of male factor infertility.
- 3D. Briefly write about chemotherapy for ovarian malignancies.
- 3E. Discuss management principles and steps of surgeries for a nulliparous prolapse.
- 3F. Discuss diagnosis of premature ovarian failure and management of infertility in this condition.
- 3G. Discuss technique of Pomeroy's method of tubal sterilization. Write briefly on eligibility criteria and preoperative preparations according to national guidelines.
- 3H. Write evaluation and management of missed tail in copper T.
- 3I. Discuss causes, clinical features and management of overactive bladder.
- 3J. Discuss clinical evaluation of a woman with postmenopausal bleeding.

(7 marks × 10 = 70 marks)

