

MANIPAL ACADEMY OF HIGHER EDUCATION
MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – JUNE 2020
SUBJECT: PAPER I: APPLIED BASIC SCIENCES

Wednesday, June 03, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essay Questions:

1. Write briefly on methods of cervical evaluation during pregnancy and its significance. Describe the drugs to cause cervical ripening at term. Write management of cervical dilatation disorders in first stage of labour.

(15 marks)

2. Write anatomy of lateral pelvic wall with a diagram. Describe the surgical procedures which can cause damage to the structures there and how are they managed.

(15 marks)

3. Short essay questions: (Write briefly on)

3A. Early placental development and placental hormones.

3B. Role of glucocorticoids in preterm labour and their fetal effects.

3C. Changes in coagulation system during pregnancy and their importance.

3D. Steps of assisted breech delivery.

3E. Changes in CTG during cord compression with measures to correct them.

3F. Transformation zone and its role in health and disease.

3G. Histopathology of dysgerminoma and pathological conditions which predispose to this type of tumour.

3H. Causes of postoperative urinary retention and their management.

3I. Female genital cancers with familial predisposition, screening for the same and measures to prevent progression to cancers in such situations.

3J. Progestins and their role in contraception.

(7 marks × 10 = 70 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION
MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – JUNE 2020
SUBJECT: PAPER II: OBSTETRICS INCLUDING SOCIAL OBSTETRICS & DISEASES OF
NEWBORN

Thursday, June 04, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essay Questions:**

1. Write on causes, evaluation and management of recurrent pregnancy loss
(15 marks)

2. Write on causes and management of non-hemorrhagic obstetric shock
(15 marks)

3. Short essay questions: (Write briefly on)

- 3A. Preconceptional counselling in diabetic woman
- 3B. Clinical significance of Doppler in growth restricted fetus.
- 3C. Role of electronic fetal monitoring.
- 3D. Acquired coagulopathy in obstetrics.
- 3E. Diagnosis and management of choriocarcinoma.
- 3F. Intrapartum management of diamniotic – dichorionic twin gestation.
- 3G. Anticoagulation in a pregnant woman with mechanical heart valve.
- 3H. Role of instrumental delivery in current practice
- 3I. Measures to reduce maternal mortality in our country.
- 3J. Neonatal sepsis.

(7 marks × 10 = 70 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION
MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – JUNE 2020
SUBJECT: PAPER III: GYNAECOLOGY

Friday, June 05, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essay Questions:**

1. Discuss evaluation and management of hirsutism in a 20 year old lady. (15 marks)

2. Discuss evaluation and management of stress urinary incontinence (15 marks)

3. Short essay questions: Write briefly on

- 3A. The clinical features, histopathology and prognosis of borderline ovarian tumours
- 3B. The various management strategies in a multiparous woman who has a report of simple hyperplasia of the endometrium
- 3C. Investigations and the management of genital tuberculosis
- 3D. CDC guidelines for treatment of Pelvic Inflammatory Disease.
- 3E. The etiology, prevention and management of ovarian hyperstimulation syndrome
- 3F. The causes of precocious puberty and discuss its management
- 3G. Role of Hormone Replacement Therapy in gynecology
- 3H. Etiology and management of anovulatory infertility
- 3I. The conservative surgical techniques for genital prolapse.
- 3J. Advantages & disadvantages of management of endometriosis.

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION**MS (OBSTETRICS & GYNAECOLOGY) DEGREE EXAMINATION – JUNE 2020****SUBJECT: PAPER IV: RECENT ADVANCES IN OBSTETRICS AND GYNAECOLOGY**

Saturday, June 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. Critically evaluate the routes of hysterectomy

(15 marks)

2. Critically evaluate the different options for management of fibroid uterus

(15 marks)

3. Short essay questions (Write briefly on):

3A. Pre pregnancy counseling

3B. Ethical issues in Assisted Reproductive Techniques

3C. Management of hypothyroidism in pregnancy

3D. WHO Criteria for near miss morbidity and role of Near Miss Audit in prevention of maternal deaths

3E. Safe disposal of human body fluids and other biological waste

3F. Examination of victim of sexual assault

3G. Ultrasound Soft markers and their importance in aneuploidy

3H. Surgical management of Stress Urinary Incontinence

3I. Indication and procedure of Intra Uterine Transfusion for Rh isoimmunization

3J. Management of pregnancy of unknown location

(7 marks × 10 = 70 marks)

