

MANIPAL ACADEMY OF HIGHER EDUCATION
MS (OBSTETRICS & GYNAECOLOGY) DEGREE
EXAMINATION – NOVEMBER 2025

PAPER I

Monday, November 10, 2025

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Describe the changes in excretory system during pregnancy. Write about the diagnosis and management of Pyelonephritis in pregnancy.

(15 marks)

2. Explain the anatomy of Anal sphincter. Describe the obstetric anal sphincter injury diagnosis and its management.

(15 marks)

3. **Write short notes on:**

3A. PC PNDT Act and its regulations.

3B. Aromatase inhibitors in obstetrics and gynecology.

3C. MgSO₄ for prevention and treatment of eclampsia.

3D. Clinical features and management of Turner's syndrome.

3E. Potential sites of Ureteric Injuries in Gynaecological Surgeries and its management.

3F. Diagnosis and management of post-partum hematomas.

3G. PCOS in adolescents: Diagnosis and management.

3H. Lymphatic drainage of uterus and its clinical significance.

3I. Explain transformational zone and various screening methods for cervical carcinoma.

3J. Ultrasound features of ovarian, cervical, cornual and cesarean site pregnancy.

(7 marks × 10 = 70 marks)



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PAPER II

Tuesday, November 11, 2025

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

☞ **Answer ALL the questions.**

☞ **Long Essay Questions:**

1. Discuss the evaluation and management of a patient with a obstetric score G4A3 at 28 weeks of gestation with Rh Isoimmunisation. Briefly discuss the neonatal evaluation.
(15 marks)
2. A 38-year-old G5P4L4 at 36 weeks of gestation presented with severe anaemia. Discuss the aetiology, evaluation and management of this patient during pregnancy and labour.
(15 marks)

3. **Short Essay Questions (Write briefly on):**

- 3A. Discuss the etiology, diagnosis and management of asymmetric IUGR.
- 3B. Discuss the evaluation and management of discordant growth in twin gestation.
- 3C. Critically evaluate antihypertensive drugs in pregnancy complicated by hypertension.
- 3D. Describe causes, clinical features and management of uterine inversion.
- 3E. Discuss the evaluation and management of amniotic fluid embolism.
- 3F. Write briefly about the evaluation and management of pregnancy of unknown location.
- 3G. Write about the diagnosis and management of morbidly adherent placenta.
- 3H. Discuss the current status of TOLAC. Briefly write the risks and benefits of TOLAC.
- 3I. Describe the causes, diagnostic criteria and management of neonatal hypoxia ischemic encephalopathy.
- 3J. Define essential & emergency obstetric care? Enumerate NRHM programs to reduce maternal mortality.

(7 marks × 10 = 70 marks)



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PAPER III

Wednesday, November 12, 2025

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essay Questions:**

1. Elaborate on the gynecological problems associated with obesity in women's lifespan. Describe how to tackle difficulties encountered while an obese woman undergoes major gynecological surgery.

(15 marks)

2. Evaluation and management of chronic pelvic pain.

(15 marks)

3. **Short Essay Questions (Write briefly on):**

3A. Management of secondary amenorrhea in a 30 year old parous lady.

3B. Laparoscopic myomectomy – Indications, technique and complications.

3C. Male infertility – causes and diagnostic evaluation.

3D. Urgency and Urge incontinence – Evaluation and management.

3E. Non-neoplastic enlargement of ovary – causes, clinical features and ultrasound appearance.

3F. Iatrogenic uterine perforation in OBG – diagnosis and management.

3G. HPV testing – Current recommendations.

3H. Endometrial cancer – differential diagnosis, investigations and principles of surgical staging.

3I. Radiotherapy in Cancer Cervix : Contraindications & Complications (Early & Late).

3J. Hysterosalpingography – Indications, contraindications, technique, and complications.

(7 marks × 10 = 70 marks)



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PAPER IV

Thursday, November 13, 2025

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays Questions:**

1. Discuss the pathophysiology, evaluation and prevention of stillbirth. (15 marks)

2. Describe the natural history of HPV Infection. Critically evaluate the various screening techniques for cervical cancer. Enumerate the various guidelines for cervical cancer screening. Write a note on screening for cervical cancer in pregnancy. (15 marks)

3. **Short Essay Questions (Write briefly on):**

3A. Latest amendments in the MTP Act.

3B. Diagnosis of Adolescent PCOS.

3C. Enumerate the differences between WHO Partogram and Labour care guide.

3D. Write a note on the various progesterone-based contraception.

3E. ERAS for Caesarean delivery.

3F. Ovarian reserve and its clinical implications.

3G. Ethics in obstetrics.

3H. Describe the evaluation of a sexual assault victim.

3I. Indications and complications of Uterine artery embolization.

3J. Role of Magnetic Resonance Imaging in Obstetrics and Gynecology.

(7 marks × 10 = 70 marks)

