

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION
MS (OBSTETRICS & GYNAECOLOGY) DEGREE
EXAMINATION – MAY 2026

PAPER I

Monday, May 18, 2026

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays:

1. Write the etiopathology of gestational trophoblastic disease. Discuss the clinical features and management of persistent trophoblastic disease.

(15 marks)

2. Describe the course of the female pelvic ureter and the potential sites of injury during gynaecological surgery. What precautions should be taken to minimize ureteric injuries? What are management options in case of ureteric injuries?

(15 marks)

3. **Write short notes on:**

3A. Immunology of normal pregnancy in protection of the fetus.

3B. Pathophysiology and management of menopausal vasomotor symptoms.

3C. Critically analyse the role of insulin sensitizers in PCOS (Polycystic Ovarian Syndrome).

3D. Discuss physiology of myometrial contraction and drugs modifying it.

3E. Describe lymphatic drainage of the vulva and its clinical significance.

3F. Describe fetal circulation and changes at birth.

3G. Discuss the various ovarian reserve tests used to predict poor responses in ART.

3H. Critically comment on the various types of abdominal incisions used in Gynaecology.

3I. Write briefly on pathology of Rh isoimmunisation and monitoring of isoimmunised pregnancy.

3J. Describe the role of robotics in gynaecological surgery.

(7 marks × 10 = 70 marks)



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PAPER II

Tuesday, May 19, 2026

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essay Questions:**

1. Describe the pathophysiology of preterm parturition syndrome. How would you examine a 23-year-old, primigravida at 31 weeks of gestation with leaking per vaginum received in labour room and plan her management?
(15 marks)
2. Discuss intrapartum fetal surveillance methods and their interpretation.
(15 marks)

3. **Write short notes on:**

- 3A. Causes and management of acquired coagulopathy in obstetrics
- 3B. Pre-conceptional counselling in patients with cardiac disease
- 3C. Management of pregnancy of unknown location
- 3D. Diagnosis and management of active-phase labour disorders
- 3E. Role of instrumental delivery in modern obstetrics
- 3F. Pradhana Mantri Surakshit Mathritva Abhiyan
- 3G. Principles of perimortem maternal resuscitation
- 3H. Strategies to prevent MTCT of HIV infection
- 3I. Clinical symptoms and signs of impending scar rupture. List the prerequisites for TOLAC
- 3J. Diabetes ketoacidosis in pregnancy: Predisposing factors and management

(7 marks × 10 = 70 marks)



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PAPER III

Wednesday, May 20, 2026

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essay Questions:**

1. Describe the anatomy of vaginal apex and critically evaluate the diagnosis and management of apical vaginal prolapse.
(15 marks)

2. Critically evaluate the indications, merits and demerits of Hysterectomy by different routes.
(15 marks)

3. **Write short notes on:**

3A. Uterine sparing management in heavy menstrual bleeding

3B. Classification of Primary Amenorrhea and evaluation

3C. Evaluation and management of acute pelvic inflammatory disease

3D. Diagnosis and management of Genital tuberculosis

3E. Discuss the evaluation and management of Precocious Puberty

3F. Medical Termination of Pregnancy Amendment Act in India, 2021 and discuss the ethical issues involved in the Act

3G. Diagnosis and Management of overactive bladder

3H. Causes and management of infertility in Endometriosis

3I. Different methods of female sterilization and critically evaluate each of them

3J. Fertility sparing approach in Gynecological cancers

(7 marks × 10 = 70 marks)



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PAPER IV

Thursday, May 21, 2026

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays Questions:**

1. Recent advances in management of postpartum hemorrhage. (15 marks)
2. Surrogacy- ethical issues, social and obstetric problems, protocol, and ICMR guidelines. (15 marks)

3. **Write short notes on:**

- 3A. Critically evaluate changes in latest FIGO staging of ovarian cancer
- 3B. Obstetrical Anal Sphincter Injuries (OASIS)
- 3C. Role of biomarkers in managing severe preeclampsia
- 3D. Role of tumor markers in gynecology
- 3E. Immunohistochemistry in carcinoma cervix
- 3F. Embryo reduction-indication, methods, and complications
- 3G. Predictors of preterm birth
- 3H. Stress Urinary Incontinence- TVT vs TOT
- 3I. WHO next generation Partogram
- 3J. Robotic surgery in gyne-oncology

(7 marks × 10 = 70 marks)

