

016/26

The West Bengal University of Health Sciences
MBBS 3rd Professional Part-II Examination (New Regulation)
June-July 2026

Subject: Obstetrics & Gynaecology
Paper: I

Full Marks:100
Time: 3 hours

Attempt all questions. The figures in the margin indicate full marks.

1. a) A 26 year old P0+0 woman has presented with severe abdominal pain and mild vaginal bleeding for the past few hours. She has had amenorrhoea for 6 weeks, and her urine pregnancy test is positive. She has severe pallor, a pulse rate of 132/minute, and a blood pressure of 80/50 mm Hg. What is your provisional diagnosis? How do you define the clinical condition? What are the other clinical presentations of the condition? What are the risk factors for the condition? How will you manage the woman? 1+1+2+4+7
- b) A lady presented with bleeding per vagina at 28 weeks of gestation. Enumerate the differential diagnoses. Describe the methods to differentiate between the two important causes of such condition. Discuss the complications of such a condition. Outline the management of one such case. 3+3+4+5
2. **Answer the following:**
 - a) What is GDM? How will you diagnose GDM? What are the maternal and fetal complications of Diabetes in Pregnancy? 2+3+5
 - b) Define IUGR. Write down the diagnosis and management of fetal growth restriction. 2+4+4
 - c) Enumerate the predisposing factors of puerperal sepsis. Outline the management of puerperal sepsis. 5+5
3. **Write short notes on the following:** 2 × 5
 - a) Communication skills while counseling parents after IUFD.
 - b) Complications of Monochorionic twins.
4. **Explain the following statements:** 5×4
 - a) All labours should be monitored by Partograph.
 - b) Prophylactic oral iron is given to all pregnant women including Hb more than 11gm%.
 - c) Low dose aspirin should be considered in all high-risk pregnancies.
 - d) Episiotomy should not be given routinely in all cases of vaginal delivery.
 - e) Mother to child transmission of HIV infection can be prevented.

10x1

5. Choose the correct option for each of the following:

- i) McAfee and Johnson expectant treatment regimen is used for:
 - a) Antepartum haemorrhage
 - b) Pregnancy induced hypertension
 - c) Postpartum haemorrhage
 - d) Ectopic pregnancy
- ii) Commonest cause of first trimester miscarriage is:
 - a) Anatomical abnormality of uterus
 - b) Chromosomal aneuploidy
 - c) PCOS
 - d) Luteal phase defect
- iii) IV loading dose of Magnesium sulphate is:
 - a) 14 gm of 20% solution
 - b) 4 gm of 20% solution
 - c) 4 mg of 20% solution
 - d) 4 gm of 50% solution
- iv) When HIV exposed mother is 32 weeks pregnant, maternal viral load is considered to be suppressed when:
 - a) Viral load is > 1000 Copies/ml
 - b) Viral load is < 1000 Copies/ml
 - c) Viral load is > 100 Copies/ml
 - d) Viral load is < 100 Copies/ml
- v) Which of the following statement is correct regarding perineal injury following child birth?
 - a) A fourth degree tear involves anal sphincters.
 - b) Rupture of <50% of the external anal sphincters are classified as 3a.
 - c) High degree laceration can be diagnosed by anal palpation.
 - d) Overlap repair of rectal sphincter is better than end to end repair.
- vi) Advantage of delayed cord clamping is:
 - a) Prevent neonatal asphyxia
 - b) Prevent neonatal Jaundice
 - c) Increase newborn hemoglobin concentration by about 2gm/dl
 - d) More neonate and maternal contact.
- vii) By QUAD test Down syndrome is suspected when:
 - a) MSAFP ↑
 - b) Inhibin A ↑
 - c) Beta HCG ↓
 - d) Estradiol ↑
- viii) In India, which is not an indication for MTP at 22 weeks?
 - a) Pregnancy after rape
 - b) Pregnancy after contraception failure
 - c) Pregnancy with serious fetal anomaly
 - d) Pregnancy in woman with serious physical or mental disabilities
- ix) In early pregnancy, the cervix becomes soft. This is known as:
 - a) Oslander's sign
 - b) Goodell's sign
 - c) Chadwick's sign
 - d) Piskacek's sign
- x) Which of the following condition is associated with Oligohydramnios?
 - a) Anencephaly
 - b) Duodenal atresia
 - c) Open spina bifida
 - d) Renal agenesis