

**OBSTETRICS AND GYNAECOLOGY**

PAPER – II

OBG/J/17/25/II

Time : 3 hours  
Max. Marks : 100

**IMPORTANT INSTRUCTIONS**

- *This question paper consists of 10 questions divided into Part 'A' and Part 'B', each part containing 5 questions.*
- *Answers to questions of Part 'A' and Part 'B' are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.*
- *Answers to questions of Part 'A' attempted in answer sheet(s) of Part 'B' or vice versa shall not be evaluated.*
- *Answer sheet(s) of Part 'A' and Part 'B' are not to be tagged together.*
- *Part 'A' and Part 'B' should be mentioned only on the covering page of the respective answer sheet(s).*
- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

Write short notes on:

**PART A**

1. a) What are the clinical criteria of preterm labor? 3+4+3  
b) Prediction and prevention of preterm labor.  
c) Role of Atosiban as a tocolytic agent.
2. a) Anatomy of lower uterine segment in pregnancy and its 4+3+3  
role in labor.  
b) What are the clinical features of obstructed labor in cephalopelvic disproportion?  
c) Difficulties in 2<sup>nd</sup> stage LSCS.
3. a) HELLP syndrome: Its differential diagnosis and 5+5  
management.  
b) Thromboprophylaxis during pregnancy.
4. a) What are the current recommendations and methods for 5+5  
screening for thalassaemia in pregnancy?  
b) Management of pregnant women with thalassaemia trait.
5. a) Enlist fetal risks in twin gestation. 2+4+4  
b) How and when will you establish chorionicity of twin pregnancy?  
c) How will you diagnose and manage twin to twin transfusion syndrome?

**P.T.O.**

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**Please read carefully the important instructions mentioned on Page '1'**

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- **Answers to questions of Part 'A' attempted in answer sheet(s) of Part 'B' or vice versa shall not be evaluated.**

**PART B**

6. a) What are the physiological cardiovascular adaptations in pregnancy? 3+3+4  
b) How will you diagnose cardiac disease in pregnancy?  
c) Management of a pregnant patient with a prosthetic mitral valve.
7. a) Factors influencing perinatal transmission of HIV infection. 4+3+3  
b) What are its preventive measures?  
c) Current WHO recommendations on neonatal management in HIV affected mothers.
8. a) What are the non-invasive and invasive techniques to identify fetal isoimmunization in Rh-Negative pregnancy? 5+5  
b) Role of intra-uterine fetal blood transfusion.
9. a) Resuscitation in a critically ill patient with advanced pregnancy. 5+5  
b) Sudden post partum collapse: Causes and management.
10. a) Fetal inflammatory response syndrome (FIRS) and its morbidity. 5+5  
b) Sudden intra partum fetal demise: Causes and counseling.

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