

OBSTETRICS & GYNAECOLOGY

PAPER-IV

TIME: 3 HOURS  
MAX. MARKS: 100

OBG/J/18/25/IV

**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 question(s) of Part A attempted in answer sheet(s) of part B or Vice versa shall not be evaluated.
- Answer sheets 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 sheets.
- 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) List the various nonsurgical methods of treatment of leiomyoma? 5+5  
b) Discuss the advantages and disadvantages of each method.
2. a) What is ART? 2+4+4  
b) What are different components of IVF cycle?  
c) How can you prevent Ovarian Hyper Stimulation Syndrome [OHSS]?
3. What is role of minimally invasive surgery in a case of endometriosis? Discuss the management of recurrent endometriosis in infertility. 5+5
4. A primigravida conceived with in-vitro fertilization after long term infertility reported at 24 weeks gestation with bilateral renal pelvicalyceal dilatation in fetus. 5+5  
a) Discuss the causes.  
b) How will you manage this case?
5. A morbidly obese 30 years old patient approaches for pre-pregnancy counselling before bariatric surgery. 5+5  
a) What will you counsel this patient?  
b) What are the complications during pregnancy in such a

patient?

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

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- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

**PART B**

6. a) Pathophysiology of urinary incontinence. 5+5  
b) Medical management of overactive bladder.
7. A HBsAg Positive patient admitted at 36 weeks gestation in the 5+5  
Obstetrical ward:  
a) What precautions will you observe to avoid transmission to health care provider?  
b) How will you prevent perinatal transmission to the neonate?
8. A fetus in primigravida at 19 weeks gestation is noticed to have 5+5  
liver calcification on Ultrasound.  
a) Discuss the causes of fetal liver calcification.  
b) How will you manage this case?
9. a) Define unexplained infertility. 2+4+4  
b) Discuss the role of laparohysteroscopy in women with unexplained infertility.  
c) How will you manage a woman with unexplained infertility?
10. a) What is Cell Free Fetal DNA? 5+5  
b) Discuss the role of Cell Free Fetal DNA screening in Obstetrical practice.

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