

**OBSTETRICS & GYNAECOLOGY**  
**PAPER-IV**

TIME: 3 HOURS  
MAX. MARKS: 100

OBG/J/19/25/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) What are long acting reversible contraceptives (LARC)? 2+8  
b) Methods, indications, contraindications, risks and side effects of LARC.
2. a) Define azoospermia. 2+2+6  
b) Types of azoospermia.  
c) Sperm retrieval techniques.
3. a) What is LH surge? 2+2+2+4  
b) Functions of LH surge.  
c) Indications of surrogate LH surge.  
d) Methods of ovulation trigger.
4. a) Endometrium in menstrual cycle. 3+3+4  
b) What is uterine biophysical profile?  
c) Role of ultrasound and color Doppler for assessment of uterine biophysical profile.
5. a) Causes of recurrent pregnancy loss. 2+2+6  
b) Significance of pedigree chart.  
c) Genetic counselling in recurrent pregnancy loss.

P.T.O.

**OBSTETRICS & GYNAECOLOGY**  
**PAPER-IV**

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

- Answers to questions of Part A and part B are to be strictly attempted in separate answer sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

**PART B**

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|-----|--|---------|
| 6.  | a) Define massive blood loss.<br>b) How will you estimate blood loss?<br>c) Significance of golden hour management.<br>d) Steps for resuscitation. | 2+2+2+4 |
| 7.  | a) Effect of HIV infection on pregnancy.<br>b) Effect of pregnancy on HIV infection.<br>c) Measure to prevent parent to child transmission of HIV. | 2+2+6   |
| 8.  | a) Pathophysiology of obesity.<br>b) Effect of obesity on reproductive life of women.  | 4+6     |
| 9.  | a) What are stem cells?<br>b) Role of stem cell therapy in gynaecology.  | 3+7     |
| 10. | a) Uterotubal peritoneal factors for infertile women.<br>b) Role of hysteroscopic surgery in infertility.  | 2+8     |

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