



**OBSTETRICS AND GYNAECOLOGY**  
**PAPER-IV**

TIME: 3 HOURS

OBGY/D/20/25/IV

MAX. MARKS: 100

**IMPORTANT INSTRUCTIONS**

- You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.
- This question paper consists of 10 short note questions. Question paper is divided into 5 Parts - A, B, C, D and E, each part containing 2 questions.
- Answers to questions of part A, part B, part C, part D & part E are to be strictly attempted in a separate answer sheet booklet which must be later tagged together at the end of the exam.
- No additional supplementary answer sheet booklet will be provided.
- Answers to question(s) attempted on an answer sheet booklet for a different part will not be evaluated.
- Part A/Part B /Part C/Part D/Part E should be mentioned on the covering page of the respective answer sheet booklet.
- 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.

**OBSTETRICS AND GYNAECOLOGY**  
**PAPER-IV****PART- A**

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**Write short notes on:****PART-A**

1. a) What is Chromosome microarray analysis? 5+5  
b) What is the clinical application of Chromosome microarray analysis?
2. a) What is preimplantation genetic testing and different techniques used for it? 5+5  
b) Clinical applications of preimplantation genetic testing.

**OBSTETRICS AND GYNAECOLOGY****PAPER-IV****PART - B**

TIME: 3 HOURS

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Write short notes on:

**PART-B**

3. a) How can sonography augment aneuploidy screening? 6+4  
b) Enumerate the soft signs associated with fetal trisomy 21.
4. a) What are the different methods of fetal therapy? 7+3  
b) Describe EXIT surgery.

**OBSTETRICS AND GYNAECOLOGY**  
**PAPER-IV****PART- C**

TIME: 3 HOURS

OBYG/D/20/25/IV

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Write short notes on:

**PART-C**

5. a) What is Surrogacy and what are its medical indications? 5+5  
b) Ethical issues in the Surrogacy Bill.
6. a) Ovarian tissue cryopreservation. 5+5  
b) Role of PET-CT in gynaecology.

**OBSTETRICS AND GYNAECOLOGY**  
**PAPER-IV****PART- D**

TIME: 3 HOURS

OBYG/D/20/25/IV

MAX. MARKS: 100

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Write short notes on:

**PART-D**

7. a) What is the effect of COVID-19 pandemic on obstetric services in India? 5+5  
b) How will you manage a case of Covid-19 patients in labour?
8. Role of Doppler ultrasound for fetal surveillance. 10

**OBSTETRICS AND GYNAECOLOGY****PAPER-IV****PART - E**

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**Write short notes on:****PART-E**

9. a) What are the ethical issues involved with uterine transplantation? 3+7  
b) Patient selection, evaluation and screening for uterine transplantation.
10. a) What are the strategies to limit the multiple gestation risk of assisted reproductive technology? 5+5  
b) Fetal reduction