

OBSTETRICS AND GYNAECOLOGY
PAPER-I

TIME: 3 HOURS
MAX. MARKS: 100

OBG/J/20/25/I

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) Explain details of implantation of pregnancy. 5+5
 - b) What are the placental abnormalities associated with abnormal placentation?
2.
 - a) How does wound healing occur? 5+5
 - b) What are the steps that can be taken to minimize the risk of dehiscence of a Caesarean scar?
3.
 - a) Describe course of ureter from origin till bladder insertion. 3+3+4
 - b) Discuss the sites where injury to ureter commonly occurs during surgery.
 - c) Discuss methods of preventing them. How will you manage accidental tying of ureter during suturing?
4.
 - a) Describe hypothalamo-pituitary ovarian axis. 5+5
 - b) How will you treat hypogonadotrophic hypoenestrogenic infertility?
5.
 - a) Describe the embryological development of the female reproductive tract in brief. 5+5
 - b) Discuss diagnosis and management of bicornuate uterus.

P.T.O

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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

- | | | |
|-----|--|-------|
| 6. | a) What are the different types of research?
b) How do you frame a research question? | 5+5 |
| 7. | a) What are the various types of research studies that can be conducted?
b) Describe a plan of study to determine the role of exercise in the management of cases of Gestational Diabetes Mellitus. | 5+5 |
| 8. | a) What is randomization?
b) Explain various types of random sampling techniques with examples.
c) Enumerate and define the various fertility indicators. | 2+4+4 |
| 9. | Describe the Doppler principle. Write about the use of Doppler studies in Gynaecological cases. | 5+5 |
| 10. | a) Write the branches of anterior and posterior divisions of internal iliac artery.
b) Describe briefly the procedure and indications of internal iliac artery ligation. | 5+5 |
