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Date: \_\_ / \_\_ / \_\_\_\_

Name: \_\_\_\_\_

**Max Marks: 24****Section- A (One Marks Each)**

- 1 What is the significance of meiosis in sexual reproduction?
- 2 What is the side effect of using copper-T?
- 3 What happens to the inner lining of uterus if fertilization does not take place?

**Section-B (Two Marks Each)**

- 4 Give a reason for each of the following:
  - i. Male gamete is mobile and smaller than a female gamete.
  - ii. Descent of testes into the scrotum
- 5 Which hormone is responsible for physical changes in boys during puberty? Mention any 2 secondary sexual characters in boys.
- 6 Give one example each of bacterial and viral sexually transmitted diseases (STDs). mention any one way to prevent the transmission of STDs.
- 7 What are the various ways to avoid pregnancy? Elaborate any one method.

**Section-C (Three Marks Each)**

- 8 What changes are observed in the uterus subsequent to implantation of a young embryo? Describe any two of them.
- 9 Mention any one function of the following parts.
  - i. Fallopian tube
  - ii. Ovary
  - iii. testes
- 10 Trace the path of a sperm during ejaculation. Also, mention the accessory sex glands and their function associated with the male reproductive system.

**Section-D (Four Marks Each)**

- 11 How does fertilization take place? "Fertilization occurs once in a month." Comment. Draw a well-labeled diagram of a human female reproductive system.