

General Instructions:-

- All questions are compulsory.
- Attempt all the questions in the same order as they are printed in this question paper.
- Use examples and diagrams wherever necessary.

1. What are the two major functions of human ovary? (1)
2. How many sperms will be produced from 100 primary spermatocytes? (1)
3. Failure of testes to descend into scrotum produces sterility. Explain. (1)
4. Add suitable words in the gaps left in the following sentences : (½x2=1)
 - i) Transfer of ovum collected from a donor into the fallopian tube of another woman who cannot produce is called _____.
 - ii) Statutory ban on amniocentesis is necessary to legally check _____.
5. Explain the term IVF. (1)
6. What is known as Lactational amenorrhea? (1)
7. What are the important steps to solve the problem of population explosion? (2)
8. Draw a well labelled diagram to show the T.S. of Human testis. (2)
9. Write down the names of the placental hormones with one function of each. (2)
10. What is the significance of temporary and permanent stoppage of menstruation? (2)
11. Compare diagrammatically Spermatogenesis with Oogenesis. (3)
12.
 - a) What are permanent methods of contraception in human beings.
 - b) What is Gonorrhoea and how human beings encounter it? (3)