

Granule Intra Fallopian Transfer (GIFT)

It is the transfer of an ovum collected from donor into the fallopian tube of another female who cannot produce one, but can provide suitable environment for fertilisation and further development of the embryo.

Intra Cytoplasmic sperm injection (ICSI)

It is a procedure to form an embryo in the laboratory by directly injecting the sperm in to an ovum.

Artificial Insemination (AI)

In this method, the semen collected either from the husband or a healthy donor is artificially introduced into the vagina or into the uterus.

This technique is used in cases where the male is unable to inseminate sperm in the female reproductive tract or due to very low sperm counts in the ejaculation.

IMPORTANT QUESTIONS

[A] Remembering & Understanding-based Questions

Very Short Answer Questions

- Q. 1.** Mention any two events that are inhibited by the intake of oral contraceptive pills to prevent pregnancy in humans.
Ans. Two events that are inhibited by the intake of oral contraceptive pills to prevent pregnancy in humans are ovulation and implantation. [CBSE Delhi 2009C]
- Q. 2.** Define population explosion.
Ans. The tremendous increase in size and growth rate of population is called population explosion.
- Q. 3.** Expand MMR and IMR.
Ans. MMR—Maternal mortality rate
IMR—Infant mortality rate
- Q. 4.** Give two examples of natural methods of contraceptions.
Ans. (i) Periodic abstinence, and
(ii) coitus interruptus.
- Q. 5.** What general term is given to the method in which the male partner withdraws his penis from the vagina just before ejaculation so as to avoid insemination?
Ans. Coitus interruptus.
- Q. 6.** What are the commonly used barrier methods of contraception?
Ans. Condoms, diaphragms, cervical caps and vaults are the commonly used barrier methods of contraception.
- Q. 7.** Name the surgical methods of contraceptions.
Ans. Vasectomy in males and tubectomy in females.
- Q. 8.** What is sterilisation?
Ans. It is a surgical method to block gamete transport and thereby prevent conception.
- Q. 9.** Name the causative agent of AIDS.
Ans. Human immunodeficiency virus (HIV) is the causative agent of AIDS.
- Q. 10.** Name two sexually transmitted diseases caused by bacteria.
Ans. Syphilis and gonorrhoea.
- Q. 11.** Expand IUD and MTP.
Ans. IUD—Intra uterine device
MTP—Medical termination of pregnancy
- Q. 12.** What is meant by artificial insemination?
Ans. It is a technique by which semen collected from the husband or a healthy donor is artificially introduced either into the vagina or into the uterus of the female.
- Q. 13.** Mention early symptoms of STDs.
Ans. Early symptoms of STDs include itching, fluid discharge, slight pain and swellings in the genital region.