

**I. CHOOSE THE CORRECT ANSWERS****5 x1=5**

1. A contraceptive pill prevents ovulation by
  - a ) blocking fallopian tube
  - b ) inhibiting release of FSH and LH
  - c ) stimulating release of FSH and LH
  - d ) causing immediate degeneration of released ovum
2. Select the incorrect action of hormonal contraceptive pills from the following.
  - a ) Inhibition of spermatogenesis.
  - b ) Inhibition of ovulation.
  - c ) Changes in cervical mucus impairing its ability to allow passage and transport of sperms.
  - d ) Alteration in uterine endometrium to make it unsuitable for implantation.
3. The approach which does not give the defined action of contraceptive is
  - a ) Hormonal contraceptive - Prevents entry of sperms, prevent ovulation and fertilization
  - b ) Vasectomy - Prevents spermatogenesis
  - c ) Barrier method - Prevents fertilization
  - d ) Intra uterine device - Increases phagocytosis of sperms, suppresses sperm motility and fertilizing capacity of sperms
4. Which of the following is correct regarding HIV, hepatitis B, gonorrhoea and trichomoniasis?
  - a ) Gonorrhoea is a STD whereas others are not.
  - b ) Trichomoniasis is a viral disease whereas others are bacterial.
  - c ) HIV is a pathogen whereas others are diseases.
  - d ) Hepatitis B is eradicated completely whereas others are not.
5. Identify the correct statements from the following.
  - a ) Chlamydiasis is a viral disease.
  - b ) Gonorrhoea is caused by a spirochaete bacterium, Treponema palladium.
  - c ) The incubation period for syphilis is 2 to 14 days in males and 7 to 21 days in females.
  - d ) Both syphilis and gonorrhoea are easily cured with antibiotics.

**II VERY SHORT ANSWERS****3 x 2 = 6**

6. Write the preventive measures of STDs.
7. Expand the following: a) ZIFT b) ICSI
8. Differentiate foeticide and infanticide.

## III SHORT ANSWERS

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3 x 3 = 9

9. How are STDs transmitted?
10. Which method do you suggest the couple to have a baby, if the male partner fails to inseminate the female or due to very low sperm count in the ejaculate?
11. Correct the following statements.
  - a) Transfer of an ovum collected from donor into the fallopian tube is called ZIFT.
  - b) Transferring of an embryo with more than 8 blastomeres into uterus is called GIFT.
  - c) Multiload 375 is a hormone releasing IUD.

## IV LONG ANSWERS

1 x 5 = 5

12. Explain the various barrier methods to control human population.