

CBSE Test Paper 04
Ch-4 Reproductive Health

1. Indian population is
 - a. Old Population
 - b. Mature population
 - c. Young population
 - d. Ageing population
2. Assertion: There is a statutory ban amniocentesis on sex determination in India.
Reason: Amniocentesis is used to determine sex of foetus for female foeticide.
 - a. Assertion is incorrect but reason is correct
 - b. Assertion is correct but reason is incorrect
 - c. Both assertion and reason are incorrect
 - d. Both assertion and reason are correct
3. Which of the following is not a categories of contraceptive method
 - a. Surgical method
 - b. Artificial insemination
 - c. Barrier method
 - d. Natural method
4. Female hired to develop the in-vitro fertilized egg of another female to maturity is called
 - a. Step-mother
 - b. Biological mother
 - c. Feeding mother
 - d. Surrogate mother
5. Which one out of following is not a consequence of overpopulation
 - a. Unemployment
 - b. Energy crisis
 - c. Hygienic condition
 - d. Price rise
6. Amniocentesis for sex determination is banned in our country. Is this ban necessary?
Comment.

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7. What is ectopic pregnancy?
 8. Complete lactation could help as a natural method of contraception. (True/False)
 9. Give any four possible ill effects of contraceptives.
 10. Sunita's bhabhi is not allowed to enter the kitchen during the days of her menstrual cycle. Sunita's mother thinks that she is impure and dirty and the food prepared by her is also unhygienic. Give your opinion about such traditional belief.
 11. Is sex education necessary in schools? Why?
 12. Removal of gonads cannot be considered as a contraceptive option. Why?
 13. What is the advantage of Saheli? Who prepared Saheli?
 14. How do the oral pills help in birth control? Name common pills used.
 15. Suggest the aspects of reproductive health which need to be given special attention in the present scenario.

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Answer

1. c. Young population, **Explanation:** The Indian population is young population as large number of population belongs to age group of 35 to 50 years.
2. d. Both assertion and reason are correct, **Explanation:** The statutory ban on amniocentesis for sex determination is due to increasing female foeticide after knowing the sex of baby using the chromosomal pattern of amniotic fluid surrounding the foetus.
3. b. Artificial insemination, **Explanation:** Artificial insemination is not a contraceptive device. It is a assisted reproductive technologies for infertile people. Natural method, barrier method and surgical methods are categories of contraceptive method.
4. d. Surrogate mother, **Explanation:** Sometimes egg of female and sperm of male are able to produce but fallopian tube is either blocked or uterus is not capable of implantation. In this case, ovum collected from female and sperm collected from male is fertilized and transferred to another female called surrogate mother for further development.
5. c. Hygienic condition, **Explanation:** The consequence of overpopulation includes unemployment, price rise, and energy crisis. Hygienic condition is not directly affected by overpopulation.
6. Yes, Because this technique is being misused for female foeticide.
7. Ectopic pregnancy, also known as tubal pregnancy, is a complication of pregnancy in which the embryo attaches outside the uterus.
8. True, A lactating mother is not supposed to get pregnant because a breastfeeding woman produces less oestrogen than normally she does, as a result does not ovulate and cannot become pregnant.
9.
 - Nausea is an uneasiness of the stomach that often comes before vomiting.

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- Abdominal pain
 - Irregular menstrual bleeding
 - Breast cancer

10. Menstruation is a biological and natural phenomena that occurs to each women. Menstruation is the process of the shedding of the uterine lining on a regular monthly basis. It begins at puberty and is the reproductive cycle of the female body. Every month, the uterus prepares itself to receive a fertilized egg.

However due to lack of education in many parts of the country people practise such cult practises for example- Not letting them enter kitchen. Awareness plays an important role here. Small groups in the society should be set up to make people more aware about the phenomena.

11. Yes, It will provide right information about sex to the children. Such education will also discourage children from believing in myth and misconception about sex related aspects.
12. It is because an ideal contraceptive should be (i) user friendly (ii) with no or least side effect (iii) should not interfere with sexual drive, desire and the sexual act of the user. When gonads are removed, the basic function of reproductive system such as secretion of hormones and gamete production is not possible.
13. Saheli is the new oral contraceptive for the female which contains a non steroidal preparation called **centchroman**. It is a once a week pill with very few side effects and high contraceptive value.

Saheli was developed by scientists at Central Drug Research Institute (CDRI) in Lucknow.

14. They are used in the form of tablets is which contain progesterone and estrogen. Pills have to be taken daily for a period of 21 days starting within the first five days of menstrual cycle. They inhibit ovulation and implantation. Common pills are Mala D, Saheli.
15. The following aspects of reproductive health need to be given special attention in the present scenario:

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- i. Educating married couples about available birth control options, care of pregnant mothers, postnatal care of mother and child and importance of breast feeding.
 - ii. Equal opportunities should be given to male and female child in Education, Employments etc.
 - iii. Control of human population and making fertile couples aware about family planning and its advantages.
 - iv. Making sex-education a compulsory part of school curriculum.
 - v. Proper information about safe sex, adolescence related problem, STDs Like AIDS should be given to youngsters.
 - vi. Making peoples aware about different techniques of birth control.
 - vii. Research on various reproduction related areas should be promoted by our government.