



BIOLOGY

BOOKS - ARIHANT PUBLICATION

REPRODUCTIVE HEALTH

Part I Questions For Practice Very Short Answer Type Questions

1. A sexually transmitted disease symptomised by the development of chancre on the genitals

is caused by

- A. Hepatitis -B virus
- B. Treponema pallidum
- C. HIV
- D. Neisseria

Answer: B



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2. Which of the following is the component of oral pills?

A. Progesterone

B. Oxytocin

C. Relaxin

D. FSH

Answer: A



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3. Oral contraceptives check ovulation by inhibiting the secretion of

- A. follicle stimulating hormone
- B. luteinizing hormone
- C. Both (a) and (b)
- D. All of the above

Answer: C



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4. The preventive measures of sexually transmitted diseases include

A. sex hygiene

B. avoiding multiple sex partners

C. use of condom

D. All of the above

Answer: D



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5. Oral pills are very popular contraceptives among the rural women.



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6. Surgical methods of contraception prevent gamete formation.



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7. contraceptive device consisting of a small thimble-shaped cup that is placed over the

uterus to prevent the entrance of spermatozoa.....



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8. A surgical procedure performed on males in which the vas deferens are cut and tied is known as



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9. Surgical removal of both the testes is called.....



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10. Give the name of STD, which can be transmitted through contaminated blood.



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11. Name the IUD that promotes the cervix hostility to sperms.



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12. Name the technique other than amniocentesis which is used to determine genetic disorder in foetus.



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13. Write note on sexually transmitted diseases.



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14. Why STDs are considered as self-invited diseases?



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15. All Reproductive Tract Infections (RTIS) are STDs, but all STDs are not RTIS. Justify with example.



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16. Write a note on barrier and surgical method of birth control.



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17. Removal of gonads cannot be considered as a contraceptive option. Why?



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18. Is the use of contraceptives justified? Give reasons.



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19. Define spermicides. Also, mention their use and mode of contraceptive action.



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20. Why intensely lactating mothers do not generally conceive? Explain.



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21. Mention three advantages of lactational amenorrhea as a contraceptive method.



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22. How is tubectomy effective in birth control ?



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23. Classify the following contraceptive measures into different methods of birth control.

(i) Saheli

(ii) Tubectomy

(iii) Vasectomy

(iv) Diaphragm

(v) Cervical caps



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24. What is amniocentesis? How is it misused?



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25. If implementation of better techniques and new strategies are required to provide more efficient care and assistance to people, then why is there a statutory ban on amniocentesis? Write the use of this technique and give reason to justify the ban. Amniocentesis for sex-determination is

banned in our country. Is this ban necessary?

Comment.

Or Do you justify the statutory ban on amniocentesis in our country? Give reasons.



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26. Write note on sexually transmitted diseases.



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Part I Questions For Practice Questions For Assessment

1. AIDS cannot be spread from one person to other through

- A. sexual contacts
- B. blood transfusion
- C. placental contacts
- D. kissing each other

Answer: D





2. One of the legal methods of birth control is :

A. by having coitus at the time of day break

B. by a premature ejaculation during coitus

C. abortion by taking an appropriate medicine

D. by abstaining from coitus from day 10-17 of the menstrual cycle

Answer: D



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3. What is a safe period?

A. A week before and after menses

B. A week before menses

C. Two weeks after menses

D. Two weeks before menses

Answer: B



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4. The ovulation time during menstrual cycle is marked by

- A. changes in cervical mucous
- B. changes in body temperature
- C. changes in eating habit
- D. changes in behavioural habits

Answer: D





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5. Vaults are hormone releasing IUDs.



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6. Conventional vasectomy is called surgery.



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7. Surgical removal of both the testes is called.....



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8. Express in one or two word(s)

Name the causative agent of AIDS.



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9. Express in one or two word(s)

Name the organisation that developed Saheli pill.



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10. Enlist various family planning programmes in chronological order.



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11. Regarding family planning, married couples are advised to adopt birth control techniques.

(i) Name the temporary method, which is safe, effective and has long lasting effect for about 5 years.

(ii) Name a method adopted by males as

barrier to avoid fertilisation.

(iii) Name the hormone used during subcutaneous implants for contraception.



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12. Copper ions releasing IUDs are more efficient than non-medicated methods, why?



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13. Explain the type of amniocentesis



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Part II Questions For Practice Questions For Practice

1. GIFT was first attempted by

A. Steptoe

B. Edwards

C. Both (a) and (b)

D. None of the above

Answer: C



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2. ZIFT is a spin-off of

A. GIFT

B. ICSI

C. IVF

D. IUI

Answer: A



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3. The mixing of the sperm and egg is called ICSI.



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4. Follicular atresia is done to remove eggs from woman's body



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5. Fill in the blanks

The ejaculatory duct obstruction in males is confirmed by



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6. Fill in the blank

Fertility treatment with donor eggs is usually done using



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7. Fill in the blanks

Success rate of ZIFT is



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8. Write the possible causes of female infertility in relation to ovulation.



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9. Express in one or two word(s)

Give the full form of ZIFT.



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10. What will happen if gametes are directly transferred to the uterus?



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11. Explain, how surrogacy is helpful in case of an infertile woman?



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12. Why is ZIFT a boon to childless couples?

Explain the procedure of ZIFT.



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13. Enlist five reasons that may cause semen to be abnormal.



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14. How is sperm donation helpful to infertile , couples? Explain.



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15. Express in one or two word(s)

Males whose testes fail to descend to the scrotum are generally infertile, why?



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16. Assisted reproductive technologies (ART)



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17. Shyam Lal and his wife have been advised by the gynaecologist to go for artificial insemination. What may have been the reason for the doctor to give such an advice? Explain.



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Part II Questions For Practice Questions For Assessment

1. Blockage of Fallopian tube can be identified using

- A. blood test
- B. hysterosalpingography
- C. ovarian reserve testing
- D. general physical testing

Answer: B





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2. Correct the statement, if required, by changing the underlined word

The first Indian test tube baby was Rahul



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3. Fill in the blank

In...., egg is fertilised outside the body and then inserted into oviduct.



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4. Express in one or two word(s)

Name the test performed to find out how effective the eggs are after ovulation.



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5. Which technique would you suggest for correcting infertility caused due to very low sperm counts of a male partner?



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6. What activities are caused due to hormone releasing IUDS?



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7. What do you mean by surrogate mother?
Explain.



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8. Write short notes on the following

(i) ZIFT (i) ICSI



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9. How can an infertility be diagnosed in males?



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10. What are the causes of female infertility?



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11. in vitro and in vivo fertilisation.



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12. Syphilis and Gonorrhoea.



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1. The method of directly injecting a sperm into an ovum is assisted by reproductive technology called

A. GIFT

B. ZIFT

C. ICSI

D. ET

Answer: C



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2. Intensely lactating mothers do not generally conceive due to the

- A. suppression of gonadotropins
- B. hypersecretion of gonadotropins
- C. suppression of gametic transport
- D. suppression of fertilisation

Answer: A



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3. Which is not a spacing method of family planning?

- A. Natural method
- B. Terminal method
- C. Chemical method
- D. Hormonal method

Answer: B



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4. Intrauterine Devices (IUDs) are not made up of

A. plastic

B. metal

C. rubber

D. Both (a) and (b)

Answer: C



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5. Creams, jelly and foam tablets are chemical contraceptions of which method of birth control?

A. IUD

B. Chemical method

C. Hormonal mechod

D. Natural method

Answer: B



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6. Which is not a constituent of chemical method?

A. Lactic acid

B. Boric acid

C. Malic acid

D. Citric acid

Answer: C



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7. Which is not a method of tubectomy?

A. Conventional transabdominal surgery

B. Conventional laparotomy

C. Implants

D. Minilaparotomy

Answer: C



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8. In which type of pill, both oestrogen and progestin are present in nearly the same amount?

A. Monophasic combined

B. Multiphasic combined

C. Mini

D. Antiprogesteron

Answer: B



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9. Which is not a type of Intrauterine Device (IUD)?

A. Vaginal vault

B. Loops

C. Spirals

D. Ts

Answer: A



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10. Which is not a common type of Sexually Transmitted Disease (STD)?

A. Genital warts

B. Syphilis

C. Cancer

D. Gonorrhoea

Answer: C



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11. Which is a fertility treatment for men?

A. Intrauterine insemination

B. Erectile dysfunction

C. Assisted hatching

D. In vitro fertilisation

Answer: A



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12. Emergency contraceptives are effective if used within

- A. 72 hours of coitus
- B. 72 hours of ovulation
- C. 72 hours of menstruation
- D. 72 hours of implantation

Answer: A



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13. The correct surgical procedure as contraceptive method is

A. ovariectomy

B. hysterectomy

C. vasectomy

D. castration

Answer: C



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14. Fill in the blank

The scientific study of human population is called



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15. Fill in the blank

In India, the sex ratio of 1:1 is found in



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16. Fill in the blank

The common brand provided by family welfare services is



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17. Fill in the blank

Fem shield is otherwisely known as female.....



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18. Fill in the blank

Loops and bows are the type of



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19. Fill in the blank

Cooper-T has a local effect.



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20. Fill in the blank

Sponge (Today) is a foam suppository or tablet containing as spermicides.



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21. Fill in the blank

The example of chemical contraceptive in the form of cream is



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22. Fill in the blank

An antiprogestosterone pill.... is a single pill treatment for oral contraceptive.



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23. Fill in the blank

The sterilisation procedure in males is called and in females is called



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24. Fill in the blank

..... and are combined injectable contraceptives.



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25. Fill in the blank

Human infection is a known cause of cancer of the cervix.



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26. Fill in the blank

The method of preserving sperm in frozen condition is called



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27. Fill in the blank

The monthly release of eggs is called



Watch Video Solution

28. Fill in the blanks

The ejaculatory duct obstruction in males is confirmed by



Watch Video Solution

29. Fill in the blank

Fertility treatment with donor eggs is usually done using



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30. Express in one or two word(s)

In which state of India, the sex ratio is favourable for females?



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31. Express in one or two word(s)

Which device provides protection against sexually transmitted diseases including AIDS?



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32. Express in one or two word(s)

Which device prevents the entry of sperms into the uterus?



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33. Express in one or two word(s)

Which toxic substance is released by local antifertility effect of copper-T?



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34. What activities are caused due to hormone releasing IUDS?



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35. Express in one or two word(s)

The chemical method of birth control is what?



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36. Why STDs are considered as self-invited diseases?



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37. Express in one or two word(s)

Mention the primary aim of the 'Assisted Reproductive Technology' (ART) programme



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38. Express in one or two word(s)

What is the significance of progesterone oestrogen combination as a contraceptive method?



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39. Express in one or two word(s)

Males whose testes fail to descend to the scrotum are generally infertile, why?



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40. Express in one or two word(s)

Name the process of bringing eligible couples under family planning measures.



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41. Mention the different barrier methods of family planning



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42. What are the different types of IUDs?



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43. Why copper-T are to be replaced every 3-5 years?



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44. What changes occur in the endometrium due to inert IUD contraception?



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45. What are the hormone releasing IUDs?



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46. What are the different types of hormonal methods of family planning?



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47. What are the morning after pills of oral contraceptive?



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48. List the natural method of birth control .



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49. What are the different ways of tubectomy?



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50. What are the different diseases, which show no symptoms?



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51. What are the STDs in women, which show no symptoms?



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52. What is 'ectopic pregnancy'?



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53. Name the different types of semen problems



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54. Differentiate between tubectomy and vasectomy.



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55. Spacing method and Terminal method



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56. Chemical and Natural methods of birth control.



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57. Safe period and Unsafe period.



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58. Conventional vasectomy and Non-scalpel vasectomy



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59. Discuss the mode of action and advantages / disadvantages of hormonal contraceptives.



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60. What are advantages of natural methods of contraceptive over artificial methods?



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61. What are the assisted reproductive techniques practised to help infertile couples?
Describe any three techniques



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62. Give an account of Medical Termination of Pregnancy (MTP)



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63. Discuss the spacing method and intrauterine devices of family planning.



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64. Give an account of risk factors of infertility.



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65. Write the possible causes of female infertility in relation to ovulation.



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66. What are Sexually Transmitted Diseases (STDs)? Give an account of the prevention and

treatment of STDs.



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67. Describe the treatment options for infertility in men and women.



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Chapter Practice

1. Which of the following represents a condition where motility of sperms is highly reduced?

A. Azospermia

B. Polyspermia

C. Oligospermia

D. Asthenospermia

Answer: D



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2. Consider the statements given below regarding contraception and answer as directed there after :

Medical termination of pregnancy (MTP) during first trimester is generally safe.

Generally chances of conception are nil until mother breast -feeds the infant upto two years.

Intrauterine devices like copper-T are effective contraceptives.

Contraceptive pills may be taken upto one week after coitus to prevent conception.

Which two of the above statements are correct ?

A. III and IV

B. I and III

C. I and II

D. II and III

Answer: A



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3. Which of the following birth control measures can be considered as the safest ?

- A. The rhythm method
- B. The use of physical barriers
- C. Termination of unwanted pregnancy
- D. Sterilisation techniques

Answer: D



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4. Amniocentosis is process to :

A. determine any discase of heart

B. determine any hereditary disease of the
embryo

C. know about the disease of brain

D. grow cell on culture medium

Answer: B



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5. In vitro fertilisation is a technique that involves transfer of which one of the following into the Fallopian tube?

- A. Embryo only, upto 8-cell stage
- B. Either zygote or early embryo upto 8-cell stage
- C. Embryo of 32-cell stage
- D. Only zygote

Answer: B





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6. Sterilisation procedure in males is called tubectomy.



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7. The world's first test tube baby was Kumari Harsha.



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8. Fill in the blanks

Induced abortion is called



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9. Fill in the blanks

Oral contraceptives prevent pregnancy by



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10. Express in one or two word(s)

What is the function of Cu-ions released from

copper releasing intrauterine devices?



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11. Express in one or two word(s)

Name a hormone releasing IUD.



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12. MTP is considered safe to how many weeks of pregnancy ?



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13. STDs can be prevented by self-consciousness. Comment.



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14. Fed up of a large family, a couple wanted to adopt a terminal method of contraception. Describe the process conducted by the doctor in either of the cases male/female partner.



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15. In medical termination of pregnancy strict conditions are to be followed. Mention few.



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16. Enlist the probable causes of infertility.



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17. In which method semen is artificially introduced into vagina? In which cases is this method adopted?



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18. The persons with age group 15-24 years are more likely to get affected with STDs. Give reasons.



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19. Name and explain the surgical method advised to human males and females as a means of birth control. Mention its one advantage and one disadvantage.



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20. Differentiate between the term

Oral contraceptives and Non-oral contraceptives



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21. Differentiate between the term

Infertility in females and males



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22. Differentiate between the term

ZIFT and GIFT



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