



BIOLOGY

BOOKS - MBD BIOLOGY (ODIA ENGLISH)

REPRODUCTIVE HEALTH

Question Bank

1. In India, "Family-planning programme" was started in :

A. 1947

B. 1950

C. 1952

D. 1965

Answer: C



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2. Surgical removal of testes of male to control the human population is :

A. Castration

B. tubectomy

C. Laproscopy

D. Vasectomy

Answer: A



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3. Choose the correct answer from the choices given under each bit. /Give the answer is one

word only.

Fertilization of ovum can be prevented by :

A. Tubal ligation

B. Vasectomy

C. Use of IUDs'

D. All of above

Answer: D



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4. Select sexually transmitted disease ?

A. Syphilis

B. Dengue

C. Malaria

D. Filaria

Answer: A



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5. In IVF technique, fusion of ovum and sperm occurs in :

- A. Uterus
- B. Fallopian tube
- C. Culture medium
- D. Vagina

Answer: C



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6. The technique, involving transfer of ovum of a donor female into the fallopian tube of recipient female is called :

A. ZIFT

B. IUT

C. GIFT

D. IVF-ET

Answer: C



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7. Amniocentesis is process to :

- A. Determine any disease in the brain
- B. Know about disease of heart
- C. Determine karyotype and any hereditary disease in embryo.
- D. All of these

Answer: C



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8. Contraceptive pills help in birth control by :

A. Killing the sperms

B. Forming barrier between sperm and
ovum

C. By preventing ovulation

D. Killing the ovum

Answer: C



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9. Tubectomy, a method of population control, is performed on :

A. Both male and females

B. Males only

C. Females only

D. Only pergnant female

Answer: C



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10. Which one is the method of birth control ?

A. HTF

B. GIFT

C. IUDs

D. IVF-ET

Answer: C



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11. When natality is balanced by mortality.

There will be :

A. Decrease in population growth

B. Zero population growth

C. Increase in population growth

D. Over population

Answer: B



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12. What is function of copper -T ?

- A. Stop cleavage
- B. Stops fertilization
- C. Checks mutation
- D. Stops gastrulation

Answer: B



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13. Oral contraceptive are prescribed in females to check :

A. Ovulation

B. Fertilization

C. Implantation

D. Entry of sperms into vagina.

Answer: A



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14. Which of the following is a technique of direct introduction of gametes into the oviduct ?

A. MTS

B. ET

C. IVF

D. POST

Answer: C



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15. Which of the following is a mechanical barrier used birth control ?

A. Loop

B. Copper-T

C. Diaphragm

D. Dalconshield

Answer: C



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16. Test tube baby means and baby is born when :

A. It is developed in a test tube

B. It develops from a non-fertilized egg

C. The ovum is fertilized externally and thereafter implanted in uterus

D. It is developed by tissue culture method

Answer: C



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17. The sexually transmitted disease that can affect both male and female genitals and may damage the eyes of babies born of infected mother is :

A. AIDS

B. Syphilis

C. Gonorrhoea

D. Hepatitis

Answer: C



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18. The test tube baby programme employs which one of the following techniques ?

A. Intra cytoplasmic semen injection(ICSI)

B. Intra-Uterine insemination

C. Gamete intra fallopian tube
transfer(GIFT)

D. Zygote Intra-fallopian transfer (GIFT)

Answer: C



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19. Oral contraceptive pills are composed of :

- A. Estrogen and progesterone
- B. Estrogen and testosterone
- C. Progesterone and testosterone
- D. Estrogen and G.H.

Answer: A



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

A. Rhythm method

B. Use of physical barriers

C. Termination of unwanted pregnancy

D. Sterilization techniques.

Answer: D



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21. Match the contraceptive methods given under column-1 with their example given under column-2, select the correct option from those given below

Column-I

A. Chemical

B. IUDs

C. Barrier

D. Sterilization

Column -II

p. Tubectomy and
Vasectomy

q. Copper-T and loop

r. Condom and
cervical cap

s. Jelly and foam

t. Coitus interruptus
and calender method

A. A = s, B = q, C = r, D = p

B. A = s, B = t, C = q, D = r

C. $A = p, B = r, C = q, D = t$

D. $A = s, B = q, C = t, D = p$

Answer: A



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22. If for some reason, the vasa efferentia in the human reproductive system get block, the gametes will not be transported from :

A. Testes to epididymis

B. Epididymis to vas deferen

C. Ovary to uterus

D. Vagina to uterus

Answer: A



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

A. Eight weeks

B. Twelve weeks

C. Eighteen weeks

D. Six weeks

Answer: B



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24. Saheli is :

A. an oral contraceptive of females

B. an oral contraceptive of males

C. a diaphragm

D. a foam

Answer: A



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25. Female condoms are called :

A. Nirodh

B. Saheli

C. Femidoms

D. None of these

Answer: C



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26. Assisted reproductive technologies (ART)

A. Include social awareness programme to educate people about reproductive health

B. Include research centre for birth control.

C. Include a number of special techniques which assist infertile couples to have children.

D. Both A and B

Answer: C



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27. In chorionic villi sampling (CVS)

A. Amniotic fluid is withdrawn

B. A small amount of foetal tissue is withdrawn

C. Villi sample is withdrawn

D. Mother's serum is withdrawn

Answer: B



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28. Greatest biological problems faced by human beings in :

A. Population explosion

B. Depletion of ozone layer

C. Depletion of natural resource

D. Air pollution

Answer: A



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29. Human population growth is :

A. Lag

B. Stationary

C. Exponential

D. Random

Answer: C



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30. World Population day is

A. 5th June

B. 11th July

C. 4th October

D. 21st March

Answer: B



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31. Which is the following is most convincing reason for increasing population growth in a country ?

A. High birth rate

B. Low mortality rate

C. Low population of young children

D. High population of young children

Answer: D



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32. If the rate of addition of new members increases with respect to the individual host of the same population, then the graph obtained has :

A. declined growth

B. exponential growth

C. zero population growth

D. None of these

Answer: B



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33. Copper-T prevents :

A. Ovulation

B. Fertilization of egg

C. Implantation

D. Both (B) and (C)

Answer: D



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34. Which is related to males ?

A. Oral pill

B. Tubectomy

C. Vasectomy

D. None of these

Answer: C



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35. Study of population trends is:

A. Calligraphy

B. Psychobiology

C. Biography

D. Demography

Answer: D



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36. July 11 is:

A. World Environment Day

B. World population Day

C. World AIDs Day

D. World Education Day

Answer: B



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37. Which one is the method of birth control ?

A. GIFT

B. ZIFT

C. IVF-ET

D. IUDs

Answer: D



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38. What is function of copper -T ?

- A. Prevents mutation
- B. prevents fertilization
- C. prevents zygote formation
- D. Both (B) and (C)

Answer: D



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39. In the production of test tube babies:

A. Fertilization is external and foetus formation is internal

B. Fertilization is internal and foetus formation is external

C. Fertilization and foetus formation are external

D. Fertilization and foetus formation are internal

Answer: A



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40. Certain characteristic demographic features of developing countries are :

A. High fertility high density, rapidly rising mortality rate and a very young age distribution

B. High infant mortality rate, low fertility, uneven population growth and a very young age distribution

C. High mortality, high density, uneven population growth

D. High fertility, low or rapidly falling mortality rate, rapid population growth and a very young age distribution

Answer: D



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41. Oral contraceptive are prescribed in females to check :

A. Ovulation

B. Fertilization

C. Implantation

D. Entry of sperms in vagina

Answer: A



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42. Zero growth means:

A. Natality is zero

B. Natality balances mortality

C. Natality is less than mortality

D. Natality is more than mortality

Answer: B



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43. Which of the following is a technique of direct introduction of gametes -into the oviduct

A. MTS

B. ET

C. IVF

D. POST

Answer: C



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44. Which of the following is a mechanical barrier used birth control ?

A. Loop

B. Copper-T

C. Diaphragm

D. Dalton shield

Answer: C



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45. Which of the following is the most sparsely populated state of India :

A. Manipur

B. Arunachal Pradesh

C. Rajasthan

D. Meghalaya

Answer: B



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46. Maximum growth rate occurs in :

A. Lag phase

B. Exponential phase

C. Stationary phase

D. Senescent phase

Answer: B



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47. If the rate of addition of new members increases with respect to the individual host of the same population, then the graph obtained has :

- A. Zero population growth
- B. exponential growth
- C. Fluctuating growth
- D. Declining growth

Answer: B



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48. Growth curve is normally :

A. J-shaped

B. V-shaped

C. S-shaped

D. C- shaped

Answer: C



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49. Greatest biological problems faced by human beings in :

- A. Population explosion
- B. Depletion of ozone layer
- C. Depletion of natural resource
- D. Land erosion

Answer: A



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50. The formula for exponential population growth is :

A. $dt/dN = rN$

B. $dN/rN = dt$

C. $rN/dN = dt$

D. $dN/dt = rN$

Answer: D



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51. Human population growth is :

A. Lag

B. Stationary

C. Exponential

D. None of these

Answer: C



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52. 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. Sterilization techniques.

Answer: B



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53. Which one of the following correctly matched Sexually Transmitted Disease (STD) with its pathogen ?

A. AIDS-Bacillus anthracis

B. Syphilis -Treponema pallidum

C. Urethritis - Entamoeba gingivalis

D. Gonorrhoea- Leishmania donovani

Answer: B



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54. The most important component of the oral contraceptive pill is:

- A. Progesterone
- B. Growth hormone
- C. Thyroxine
- D. Luteinising hormone

Answer: A



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55. Chancroid is a sexually transmitted disease caused by:

A. Treponema

B. Haemophilus

C. Neisseria

D. Chlamydia

Answer: D



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56. Which of the following causes miscarriage in ladies ?

A. Viruses

B. Bacteria

C. Algae

D. None of these

Answer: C



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57. Which of the following statements is incorrect about menstruation ?

A. At menopause in the female, there is especially abrupt increase in gonadotropic hormones .

B. The beginning of the cycle of menstruation is called menarche .

C. During normal menstruation is called menarche .

D. The menstrual fluid can easily clot .

Answer: D



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58. 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 ?



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59. Give below are four methods (a-d) and their modes of action (i-iv) in achieving contraception .Select their correct matching from the four options that follow

	Method		Mode of Action
(a)	The pill	(i)	Prevents sperms reaching cervix
(b)	Condom	(ii)	P r e v e n t s implantation
(c)	Vasectomy	(iii)	Prevents ovulation
(d)	Copper T_v	(iv)	Semen contains no sperms

A. a-(iii), b-(iv), c-(i), d-(ii)

B. a-(ii), b-(iii), c-(i), d-(iv)

C. a-(iii), b-(i), c-(iv), d-(ii)

D. a-(iv), b-(i), c-(ii), d-(iii)

Answer: C



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

A. Eight weeks

B. Twelve weeks

C. Eighteen weeks

D. Six weeks

Answer: B



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61. Which one of the following is the most widely accepted method of contraception in India, as at present ?

A. Cervical caps

B. Tubectomy

C. Diphragms

D. IUDs (Intra uterine devices)

Answer: D



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62. The test tube baby programme employs which one of the following techniques ?

A. Intra uterine insemination (IUI)

B. Gamete intra fallopian,transfer (GIFT)

C. Zygote intra fallopian transfer (ZIFT)

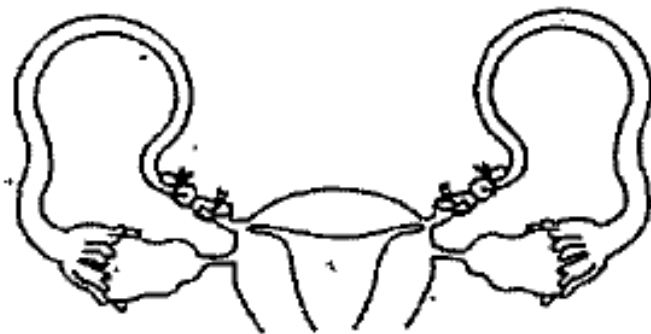
D. Inter cytoplasmic spem injection(ICSI)

Answer: C



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63. What is the figure given below showing in particular ?



A. Uterine cancer

B. Tubectomy

C. Vasectomy

D. Ovarian cancer

Answer: B



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64. Which of the following is wrongly matched ?

A. IUI -semen collected from husband or donor is artificially introduced either into the vagina or into the uterus

B. GIFT -transfer of embryos with more than 8 blastomeres into the Fallopian tube

C. ICSI -sperm directly directly injected into
the ovum

D. IVF -Fertilization outside the body in
almost similar conditions as that in the
body

Answer: B



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

- A. by abstaining from coitus from day 10 to 17 days of the menstrual cycle
- B. by having coitus at the time of daybreak
- C. by a premature ejaculation during coitus
- D. abortion by taking an appropriate medicine .

Answer: D



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66. Which of the following cannot be detected in developing foetus by amniocentesis?

- A. Sex of the foetus
- B. Down syndrome
- C. Jaundice
- D. Klinefelter syndrome

Answer: C



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67. Artificial insemination mean :

A. Transfer of sperms of husband to a test tube containing ova

B. Artificial introduction of sperms of a healthy donor into the vagina

C. Introduction of sperms of a healthy donor directly into the ovary

D. Transfer of sperms of a healthy donor to
a test tube containing ova

Answer: B



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68. Which of the following is a hormone releasing Intra Uterine Device (IUD) ?

A. Multiload 375

B. LNG-20

C. Cervical cap

D. Vault

Answer: B



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69. Assisted reproductive technology, IVF

involves transfer of:

A. ovum into the fallopian tube

B. zygote into the fallopian tube

C. zygote into the uterus

D. embryo with 16 blastomeres into the fallopian tube

Answer: B



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70. In case a couple where the male is having a very low sperm count, which technique will be suitable for fertilization ?

A. GIFT

B. Artificial insemination

C. ICSI

D. Intra uterine transfer

Answer: B



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71. Name the technique to know genetic disorder of the foetus.



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72. Give the full form of IUD.

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73. Expand MTP.

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74. Which period of menstrual cycle has highest chances of conception ?



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75. When was MTP legalised in India ?



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76. Expand GIFT.



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77. Name the fluid from which foetal cells are obtained for chromosome analysis.



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78. At what stage is the embryo implanted in the uterus of the mother in case of test tube baby



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79. In which institute of India, Saheli, an oral contraceptive was developed ?



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80. Name non-medicated IUD.



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81. Name bacterium that causes syphilis.



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82. Name bacterium that causes gonorrhoea.



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83. Name of virus that causes AIDS.



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84. Name the virus that causes genital warts.



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85. Name the lice that cause pubic itching .



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86. What term is used for blockage of fallopian tube ?



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87. What are the hormonal composition of oral pills?



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88. Give term for cutting of vas deferens of male.



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89. Give term for cutting of fallopian tube of female.



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90. Give the technical name of female used to bring up invitro fertilized egg to maturity.



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91. Name the first test tube baby produced in England.



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92. Name the term for pre-natal diagnostic technique aimed to know the sex developing foetus and congenital disorder.



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93. Which day is celebrated as world population day ?



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94. Which state of India has the highest population density?



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95. Which state of India has the lowest population density?



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96. What was the human population India according to 2001 census ?



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97. Which Indian state has the highest birth rate ?



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98. Which Indian state has the lowest birth rate ?



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99. Which is the most populous state of India ?



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100. What is the term used for inability to conceive?



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101. Rapid increase in human population is called _____.



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102. An instrument used for tubal ligation is

_____.



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103. Give term for cutting of fallopian tube of female.



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104. A state of healthy reproductive organs with normal function is _____.



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105. Vasectomy is the surgical cutting of _____.



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106. The viability period of human ovum is _____.



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107. _____ involves the transfer of embryo at 8-celled stage in the fallopian tube of the female.



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108. Genital warts are caused by _____.



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109. *Trichomonas vaginalis* lives in ____ of female.



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110. The term ____ is used for termination of pregnancy before the fetus becomes viable.



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111. The rapid increase in human population is called population crash.

A. True

B. False

C.

D.

Answer:



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112. Sexual intercourse is called castration.

A. True

B. False

C.

D.

Answer:



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113. Tubectomy is the surgical cutting of vasa deferens.

A. True

B. False

C.

D.

Answer:



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114. Oligospermia is absence of motile sperms in semen.

A. True

B. False

C.

D.

Answer:



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115. Saheli contains steroidal preparation centchroman .

A. True

B. False

C.

D.

Answer:



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116. Cu-T is a non-medical IUD.

A. True

B. False

C.

D.

Answer:



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117. Cu-T releases Ca^{++} in uterus.

A. True

B. False

C.

D.

Answer:



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118. AIDS is caused by bacteria .

A. True

B. False

C.

D.

Answer:



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119. MTP is the surgical removal of testes.

A. True

B. False

C.

D.

Answer:



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120. A female that carries an in vitro developed embryo is called step mother.



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121. What is amniocentosis ? Give its significance.



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122. Explain chemical methods of birth control.



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123. Differentiate between tubectomy and vasectomy.



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124. Suggest some methods to assist infertile couples to children.



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125. What significances of IUDs ?



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126. What are STDs ? Give examples



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127. Write notes on MTP.



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128. What are the causes of population explosion in India ?



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129. List the natural method of birth control .



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130. What measures to be taken to prevent STDs ?



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131. Write short notes on: Birth control



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132. Write short notes on: STD



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133. Write short notes on: Infertility



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