



**CET25B3 REPRODUCTIVE HEALTH**

**Class 12 - Biology**

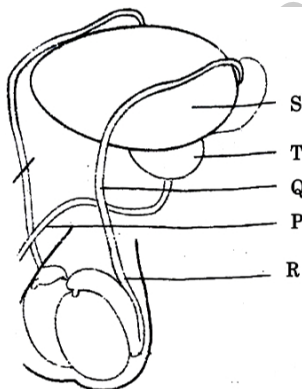
**Time Allowed: 1 hour and 30 minutes**

**Maximum Marks: 75**

1. The surgical method of contraception: [1]
  - a) Prevents fertilization
  - b) All of these
  - c) Prevent insemination and ovulation
  - d) Prevents gamete formation
2. The first census in India was carried out in: [1]
  - a) 1891
  - b) 1871
  - c) 1881
  - d) 1901
3. Now a day, there is less childless couples. This is due to: [1]
  - a) Educated population
  - b) Uneducated population
  - c) Awareness among the couples
  - d) Assisted reproductive technologies
4. In which of the following, the birth rate is high and death rate is normal? [1]
  - a) Indonesia
  - b) Sweden
  - c) India and Morocco
  - d) America and Spain
5. Oral contraceptives are prescribed in females to check: [1]
  - a) Entry of sperms in vagina
  - b) Fertilization
  - c) Ovulation
  - d) Implantation
6. Amniocentesis is the withdrawal of amniotic fluid in: [1]
  - a) Menopause
  - b) Parturition
  - c) Gestation
  - d) Lactation
7. The hormone releasing IUD is: [1]
  - a) Lippe's loop
  - b) Multiload-375
  - c) LNG-20
  - d) Cu-T
8. The average number of children which an average couple has or would have during their lifetime is called as: [1]
  - a) Total fertility rate
  - b) National birth rate
  - c) Common fertility rate
  - d) Total birth rate
9. A vasectomy: [1]
  - a) Prevents the production of sperms in the testes.
  - b) Prevents the movement of sperms into the urethra.

- c) Prevents the production of semen. d) Prevents from having erection.
10. Which of the following is not a category of contraceptive method? [1]  
 a) Surgical method b) Artificial insemination  
 c) Barrier method d) Natural method
11. Amniocentesis is a process to: [1]  
 a) Grow cells on culture medium. b) Determine any disease of heart.  
 c) Know about the disease of brain. d) Determine any disease of the embryo.
12. In the production of test tube babies: [1]  
 a) Fertilization is internal but foetus formation is external. b) Fertilization and foetus formation are external.  
 c) Fertilization is external but foetus formation is internal. d) Fertilization and foetus formation are internal.
13. In the IVF technique, a fusion of ovum and sperm takes place in: [1]  
 a) Vagina b) Fallopian tube  
 c) Uterus d) Culture medium
14. Which one is not a side effect due to the regular use of contraceptive methods. [1]  
 a) Breast cancer b) AIDS  
 c) Abdominal pain d) Nausea
15. Geometric representation of age structure is a characteristic of: [1]  
 a) Population b) Ecosystem  
 c) Biotic community d) Landscape
16. Condoms are one of the most popular contraceptives because of the following reasons: [1]  
 a) These are effective barriers for insemination. b) They do not interfere with the coital act.  
 c) All of these d) These help in reducing the risk of STDs.
17. Cu-T prevents pregnancy by preventing: [1]  
 a) Non-fertilization b) Implantation of fertilized egg  
 c) Fertilization d) Ovulation
18. Choose the correct statement regarding the ZIFT procedure: [1]  
 a) Ova collected from a female donor are transferred to the fallopian tube to facilitate zygote formation. b) Ova collected from a female donor and transferred to the uterus.  
 c) Zygote is collected from a female donor and transferred to the fallopian tube. d) Zygote is collected from a female donor and transferred to the uterus.
19. Female hired to develop the in-vitro fertilized egg of another female to maturity is called: [1]  
 a) Step-mother b) Biological mother

- c) Feeding mother d) Surrogate mother
20. Which of the following viruses is not transferred through semen of an infected male? [1]
- a) Chikungunya Virus b) HIV
- c) Hepatitis-B virus d) Ebola Virus
21. HIV is classified as a retrovirus because its genetic information is carried in: [1]
- a) RNA instead of DNA b) DNA
- c) Protein coat d) DNA instead of RNA
22. Growth curve is normally: [1]
- a) C-shaped b) J-shaped
- c) S-shaped d) V-shaped
23. Amniocentesis is a method to: [1]
- a) Medical termination of pregnancy b) Fertilize the egg
- c) Sperm Count d) Detect genetic disorder
24. High increase in the human population is due to: [1]
- a) Increase in the death rate b) Genetic change
- c) Better medical facilities d) The decrease in the birth rate
25. The specialized procedure to form an embryo in a laboratory in which a sperm is directly injected into the ovum is called: [1]
- a) Zygote intra fallopian transfer b) Intracytoplasmic sperm injection
- c) Intra- uterine insemination d) Gamete intrafallopian transfer
26. Name the kind of reproduction in bees in which males are produced. [1]
- a) Parthenogenesis b) Sexual reproduction
- c) Grafting d) Asexual reproduction
27. A human male decides to adopt a surgical method for contraception. Identify the point in the diagram where a cut would be made and tied. [1]



- a) Point P b) Point S
- c) Point Q d) Point R
28. Copper-T loop prevents: [1]



- a) Hysterectomy  
b) Vasectomy  
c) Ovariectomy  
d) Castration

39. Progesterone is generally present in contraceptive pills. Its function is to: [1]  
a) Check ovulation  
b) Prevent cleavage  
c) Prevent fertilization  
d) Prevent implantation

40. MTP (Medical Termination of Pregnancy) is considered safe upto how many weeks of pregnancy? [1]  
a) 12 weeks  
b) 18 weeks  
c) 6 weeks  
d) 8 weeks

41. Which of the following causes abortion in ladies? [1]  
a) Mycoplasma  
b) Trichomonas  
c) Viruses  
d) Bacteria

42. The method of directly injecting a sperm into ovum in Assisted Reproductive Technology is called: [1]  
a) ZIFT  
b) ICSI  
c) GIFT  
d) ET

43. This is the method of birth control: [1]  
a) IVF-ET  
b) IUDs  
c) HTF  
d) GIFT

44. Human population follows: [1]  
a) S-shaped growth curve  
b) J-shaped growth curve  
c) Z-shaped growth curve  
d) M-shaped growth curve

45. Filariasis is caused through the bite of: [1]  
a) Sandfly  
b) Culex  
c) Anopheles  
d) Both Culex & Anopheles

46. Sterilization in males is performed surgically by: [1]  
a) Vasectomy  
b) Tubectomy  
c) Hysterectomy  
d) Laparotomy

47. Intensely lactating mothers do not generally conceive due to the: [1]  
a) Suppression of gametic transport  
b) Hyper secretion of gonadotropins  
c) Suppression of fertilisation  
d) Suppression of gonadotropins

48. A mother of one-year-old daughter wanted to space between her children. The best contraceptive method she should use is: [1]  
a) Oral contraceptives  
b) Copper-T  
c) Tubectomy  
d) Diaphragm

49. A vasectomy prevents the: [1]  
a) Production of semen  
b) Production of DNA

- c) Movement of sperm into the urethra                      d) Production of sperm in the testes
50. The emergency contraceptives used to avoid possible pregnancy due to rape or unprotected intercourse is: [1]  
 a) Use of plants within skin                      b) Uses of a double dose of normal oral contraceptive pills  
 c) Combination of oxytocin and estrogen within 72 hours                      d) Combination of progestogen and estrogen within 72 hours
51. Which of the following birth control measure can be considered as the safest? [1]  
 a) Termination of unwanted pregnancy                      b) The rhythm method  
 c) The use of physical barriers                      d) Sterilization techniques
52. Oral contraceptives prevent pregnancy by: [1]  
 a) Blocking fertilization                      b) Preventing ovulation  
 c) Preventing implantation                      d) Killing the ovum
53. When is the World AIDS Day celebrated? [1]  
 a) 1st December                      b) 23rd May  
 c) 7th July                      d) 14th July
54. Which of the following is an IUCD? [1]  
 a) Diaphragm                      b) Copper-T  
 c) Oral pills                      d) Tubectomy
55. Which of the following sterilization method is used in human males? [1]  
 a) Tubectomy                      b) Both Tubectomy and Vasectomy  
 c) Laparotomy                      d) Vasectomy
56. Name the spermicidal cream developed by Central Drug Research Institute (Lucknow), India. [1]  
 a) Corovira                      b) Sapindus  
 c) Spermacid                      d) Consap
57. As per 1991 census, sex ratio (females per 1000 males) in India was: [1]  
 a) 929                      b) 941  
 c) 955                      d) 972
58. Which of the following procedure is not correctly matched? [1]  
 a) GIFT- Gamete intrafallopian transfer                      b) ICSI- Intra cytoplasmic sperm injection  
 c) ZIFT- Zygote inters fertilization transfer.                      d) IUI- Intra uterine insemination
59. Which of the following is a hormone releasing Intra-Uterine Device (IUD)? [1]  
 a) Multiload- 375                      b) Vault  
 c) LNG-20                      d) Cervical cap
60. If the mean and median pertaining to a certain population are of the same value, the following is most likely to occur: [1]

- a) A T-shaped curve  
b) A bi-modal distribution  
c) A skewed curve  
d) A normal distribution

61. Which one of the following groups includes all sexually-transmitted diseases? [1]  
a) HIV, malaria, trichomoniasis  
b) AIDS, syphilis, cholera  
c) Gonorrhoea, hepatitis-B, chlamydiosis  
d) Hepatitis-B, haemophilia, AIDS

62. Vasectomy is a surgical method of birth control performed in: [1]  
a) Both male and female  
b) Male  
c) Female  
d) Neither male nor female

63. Which one of the following techniques is employed in test tube baby programme? [1]  
a) Intra-Cytoplasmic Sperm Injection  
b) Gamete Intra-Fallopian transfer  
c) Zygote Intra Fallopian transfer  
d) Intra-Uterine Insemination

64. Which of the following is the component of oral pills? [1]  
a) Antibiotics  
b) Oxytocin  
c) Progesterone  
d) Relaxin

65. Chancroid is a sexually transmitted disease caused by: [1]  
a) Chlamydia  
b) Haemophilus  
c) Nisseria  
d) Treponema

66. Increased IMR and decreased MMR in a population will: [1]  
a) Not cause significant change in growth rate  
b) Result in an explosive population  
c) Result in decline in growth rate  
d) Cause rapid increase in growth rate

67. In vitro fertilization or test tube baby technique involves: [1]  
a) Undevelopment of foetus in a test tube.  
b) Both of these  
c) Development of foetus in a test tube.  
d) Fertilization outside the female body.

68. A national-level approach to build up a reproductively healthy society was taken up in our country in: [1]  
a) 1990s  
b) 1980s  
c) 1960s  
d) 1950s

69. The loss of forests, urbanization and increasing pollution are due to: [1]  
a) Ozone depletion  
b) Population explosion  
c) Global warming  
d) Green house effect

70. Exponential growth is maximum in: [1]  
a) Tissue culture cells  
b) Multicellular organism  
c) Unicellular organism  
d) Embryo

71. The natural method of contraception works on the principle of: [1]  
a) Avoiding chances of ovum and sperm meeting  
b) Avoid having sexual intercourse after puberty

- c) Avoid chances of ovum release                      d) Avoid chances of sperm release
72. The natural method of birth control in which the couples avoid coitus from day 10 to 17 of the menstrual cycle is called: [1]
- a) Periodic abstinence                      b) Lactational amenorrhea
- c) Copulation abstinence                      d) Withdrawal
73. Cervical caps are meant for: [1]
- a) Lactation                      b) Reproduction
- c) Amniocentesis                      d) Birth control
74. Which of the following sexually transmitted disease is **not** caused by a virus? [1]
- a) Genital warts                      b) Genital herpes
- c) Gonorrhoea                      d) Hepatitis-B
75. Vaults are meant for: [1]
- a) Birth control                      b) Bleeding
- c) Reproduction                      d) Amniocentesis