

**EXERCISE – I (Conceptual Question)****Build Up your Understanding**

1. Amniocentesis is:-
  - (1) Analysis of chemical composition of fluids of pregnant woman
  - (2) Withdrawal of allantoic fluid from pregnant women
  - (3) An in vitro diagnosis
  - (4) Culturing of cells and study of metaphase chromosomes from amniotic fluid to identify chromosomal abnormality
2. What is correct about test tube baby:-
  - (1) Fertilization inside female genital tract and growth in test tube
  - (2) Rearing of prematurely born baby in incubator
  - (3) Fertilization outside and gestation inside womb of mother
  - (4) Both fertilization and development are effected outside the female genital tract.
3. Study of abnormalities by taken out the amniotic fluid of embryo is called:
  - (1) Endoscopy
  - (2) Amniocentesis
  - (3) Laproscopy
  - (4) Natal endoscopy
4. Which one is not legitimate for reducing birth rate:
  - (1) Ban on marriages
  - (2) MTP
  - (3) Use of contraceptives
  - (4) Late marriages
5. Purpose of tubectomy is to prevent:
  - (1) Egg formation
  - (2) Embryonic development
  - (3) Fertilization
  - (4) Coitus
6. Vasectomy is :-
  - (1) Cutting of fallopian tube
  - (2) Cutting of vasdeferens
  - (3) Factor of population growth
  - (4) None of these
7. An IUCD is:-
  - (1) Vasectomy
  - (2) Copper T
  - (3) Condom
  - (4) All above
8. A contraceptive is:-
  - (1) Condom, cervical cap and diaphragm
  - (2) Intrauterine device
  - (3) Pill
  - (4) All the above
9. A contraceptive pill contains:
  - (1) Progesterone and estrogen
  - (2) Spermicidal salts
  - (3) Chemicals that cause automatic abortion
  - (4) Chemicals that prevent fertilization of ovum
10. The partner responsible for sex of the child is:
  - (1) Male
  - (2) Female
  - (3) Both
  - (4) At times male & at times female
11. MTP is:-
  - (1) Multi trade practices
  - (2) Malthusian treatise on population

(3) Multiple temporary frequency

(4) Medical termination of pregnancy

12. A contraceptive pill prevents ovulation by:  
 (1) Blocking fallopian tube  
 (2) Inhibiting release of FSH & LH  
 (3) Stimulating release of FSH & LH  
 (4) Causing immediate degeneration of released ovum
13. Oral contraceptives contain :-  
 (1) Progesterone (2) LH (3) Oxytocin (4) Steroles
14. Amniocentesis is used for determining:  
 (1) Heart diseases (2) Brain disease  
 (3) Hereditary disease of embryo (4) All the above
15. Most important component of oral contraceptive is:-  
 (1) Thyroxine (2) LH (3) Progesteron (4) AH
16. Tubectomy, a method of population control is performed on :-  
 (1) Both males & females (2) Males only  
 (3) Females only (4) Only pregnant females
17. Which is related to males :-  
 (1) I.U.C.D. (2) Tubectomy (3) Vesectomy (4) None of the above
18. Which substance can be used as male contraceptive in future:-  
 (1) FSH (2) LH (3) Testosterone (4) Progesterone
19. Consider the statements given below regarding contraception and answer as directed thereafter:-  
 (a) Medical Termination of Pregnancy MTP during first trimester is generally safe  
 (b) Generally chances of conception are nil until mother breast-feeds the infant upto two years  
 (c) Intrauterine devices like copper T are effective contraceptives  
 (d) Contraception pills may be taken upto one week after coitus to prevent conception  
 Which two of the above statements are correct ?  
 (1) a, c (2) a, b (3) b, c (4) c, d
20. Given below are four methods (A-D) and their modes of action (a-d) in achieving contraception. Select their correct matching from the four options that follow
- | Method        | Mode of Action                      |
|---------------|-------------------------------------|
| (A) The pill  | (a) Prevents sperms reaching cervix |
| (B) Condom    | (b) Prevents implantation           |
| (C) Vasectomy | (c) Prevents ovulation              |
| (D) Copper T  | (d) Semen contains no sperms        |
- Matching:-  
 (1) A → (c), B → (d), C → (a), D → (b) (2) A → (b), B → (c), C → (a), D → (d)  
 (3) A → (c), B → (a), C → (d), D → (b) (4) A → (d), B → (a), C → (b), D → (c)
21. First country of world which adopt family planning programme:-  
 (1) Japan (2) USA (3) India (4) Bangladesh

22. Govt. sponsored "family planning programme" started in:-  
 (1) 1947 (2) 1951 (3) 1977 (4) 1955
23. Saheli, A female antifertility pill is used:-  
 (1) Daily (2) Weekly (3) Quarterly (4) Monthly
24. Test tube baby means a baby born when  
 (1) It is developed in a test tube  
 (2) It is developed through tissue culture method  
 (3) The ovum is fertilised externally and there after implanted in the uterus  
 (4) It develops from a non-fertilized egg
25. What is the work of copper T-  
 (1) To inhibit ovulation (2) To prevent fertilization  
 (3) To inhibit implantation of blastocyst (4) To inhibit gametogenesis

<b>ANSWER KEY</b>
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<b>EXERCISE-I (Conceptual Questions)</b>
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|---------|---------|---------|---------|---------|---------|---------|
| 1. (4)  | 2. (3)  | 3. (2)  | 4. (1)  | 5. (3)  | 6. (2)  | 7. (2)  |
| 8. (4)  | 9. (1)  | 10. (1) | 11. (4) | 12. (2) | 13. (1) | 14. (3) |
| 15. (3) | 16. (3) | 17. (3) | 18. (4) | 19. (1) | 20. (3) | 21. (3) |
| 22. (2) | 23. (2) | 24. (3) | 25. (2) |         |         |         |