

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

ANSWER KEY

EXERCISE-I (Conceptual Questions)

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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) | | | | | | |