



BIOLOGY

BOOKS - FULL MARKS BIOLOGY (TAMIL ENGLISH)

REPRODUCTIVE HEALTH

Textbook Evaluation Solved

1. Which of the following is correct regarding HIV, hepatitis B, gonorrhoea and

trichomoniasis?

A. (a) Gonorrhoea is a STD whereas others are not.

B. (b) Trichomoniasis is a viral disease whereas others are bacterial.

C. (c) HIV is a pathogen whereas others are diseases.

D. (d) Hepatitis B is eradicated completely whereas others are not

Answer: C



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2. Which one of the following groups includes sexually transmitted disease caused by bacteria only?

- A. Syphilis, gonorrhoea and candidiasis
- B. Syphilis, chlamydiasis and gonorrhoea
- C. Syphilis, gonorrhoea and trichomoniasis
- D. Syphilis, trichomoniasis and pediculosis

Answer: B



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3. Identify the correct statements from the following:

A. (a) Chlamydiasis is a viral disease.

B. (b) Gonorrhoea is caused by a spirochaete bacterium, *Treponema palladium*

C. (c) The incubation period for syphilis is 2 to 14 days in males and 7 to 21 days in

females.

D. (d) Both syphilis and gonorrhoea are easily cured with antibiotics.

Answer: D



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4. A contraceptive pill prevents ovulation by

A. blocking fallopian tube

B. inhibiting release of FSH and LH

C. stimulating release of FSH and LH

D. causing immediate degeneration of released ovum.

Answer: B



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5. The approach which does not give the defined action of contraceptive is

| | | |
|----|------------------------|------------------------------------------------------------------------------------------------|
| a. | Hormonal contraceptive | Prevents entry of sperms, prevent ovulation and fertilization |
| b. | Vasectomy | Prevents spermatogenesis |
| c. | Barrier method | Prevents fertilization |
| d. | Intra uterine device | Increases phagocytosis of sperms, suppresses sperm motility and fertilizing capacity of sperms |



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6. Read the given statements and select the correct option.

Statement 1: Diaphragms, cervical caps and vaults are made of rubber and are inserted into the female reproductive tract to cover the cervix before coitus.

Statement 2: They are chemical barriers of conception and are reusable.

A. (a) Both statements 1 and 2 are correct and statement 2 is the correct explanation of statement 1

B. (b) Both statements 1 and 2 are correct but statement 2 is not the correct explanation of statement 1.

C. (c) Statement 1 is correct but statement 2 is incorrect

D. (d) Both statements 1 and 2 are incorrect.

Answer: C



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7. Match column I with column II and select the correct option from the codes given below.

Column I

- A. Copper releasing IUD
- B. Hormone releasing
- C. Non medicated IUD
- D. Mini pills

Column II

- (i) LNG-20
- (ii) Lippes loop IUD
- (iii) Saheli
- (iv) Multiload-375

A. (a) A-(iv), B-(ii), C-(i), D-(iii)

B. (b) A-(iv), B-(i), C-(iii), D-(ii)

C. (c) A-(i), B-(iv), C-(ii), D-(iii)

D. (d) A-(iv), B-(i), C-(ii), D-(iii)

Answer: D



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8. Select the incorrect action of hormonal contraceptive pills from the following

A. Inhibition of spermatogenesis.

B. Inhibition of ovulation

C. Changes in cervical mucus impairing its ability to allow passage and transport of sperms.

D. Alteration in uterine endometrium to make it unsuitable for implantation.

Answer: A

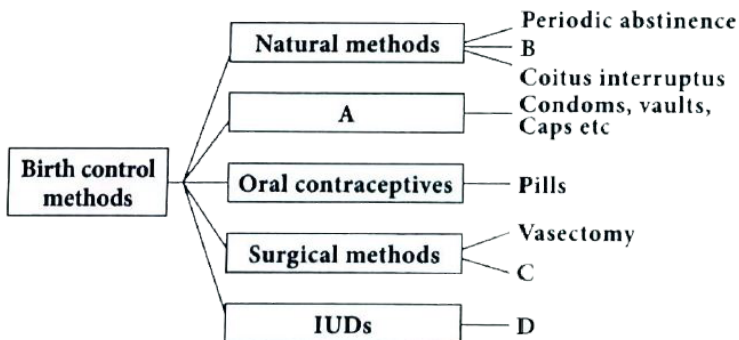


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9. What is amniocentesis ? Why a statutory ban is imposed on this technique ?

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10. Select the correct term from the bracket and complete the given branching tree



(Barriers, Lactational amenorrhoea, Tubectomy, Cut)



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11. Correct the following statements

(a) Transfer of an ovum collected from donor into the fallopian tube is called ZIFT.

(B) Transferring of an embryo with more than 8 blastomeres into uterus is called GIFT.

(c) Multiload 375 is a hormone releasing IUD.



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12. Which method do you suggest the couple to have a baby, if the male partner fails to inseminate the female or due to very low sperm count in the ejaculate?



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13. Expand the following a) ZIFT , b) ICSI



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14. What are the strategies to be implemented in India to attain total reproductive health?



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15. Differentiate foeticide and infanticide.



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16. Describe the major STDs and their symptoms.



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17. What are STD's ? How are they transmitted ?



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18. Write the preventive measure of STDs?



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19. The procedure of GIFT involves the transfer of female gametes into the fallopian tube, can gametes be transferred to the uterus to achieve the same result? Explain.



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20. Amniocentesis, the foetal sex determination test, is banned in our country. Is it necessary comment?



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21. Open Book Assessment

'Healthy reproduction, legally checked birth control measures and proper family planning programmes are essential for the survival of mankind' Justify.



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Additional Questions 1 Mark Questions

1. Which of the following is Not a natural contraceptive?

A. (a) Rhythm method

B. (b) Lactational amenorrhoea

C. (c) Progestasert

D. (d) Continuous abstinence

Answer: C



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2. Identify the fungal STD(s)..

(i) Trichomoniasis (ii) Genital herpes (iii)
Candidiasis (iv) Genital warts

A. (a) Only (i)

B. (b) Only (iii)

C. (c) Only (iv)

D. (d) Both (ii) and (iv)

Answer: B



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3. Match the following.

| Contraceptives | Type |
|-----------------------|-----------------|
| (a) Multiload 375 | (i) Oral intake |
| (b) Saheli | (ii) mechanical |
| (c) Tubectomy | (iii) IUD |
| (d) Vault | (iv) Surgical |



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4. Pick out the incorrect statement regarding the character of an good contraceptive.

A. (a) It should be user friendly

B. (b) should not affect sexual drive

C. (c) side effects must be least

D. (d) should not be easily available

Answer: D



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5. Select the proper hormonal composition of oral contraceptive pills

A. (a) FSH & Prolactin

B. (b) Prolactin & TSH

C. (c) TSH & FSH

D. (d) FSH & LH

Answer: D



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6. Assertion (A) : IUD's are inserted inside the ovary.

Reason (R) : IUD's increases phagocytosis of sperms

- A. Both A and R are correct
- B. Both A and R are incorrect
- C. A is correct R is incorrect
- D. A is incorrect R is correct

Answer: D



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7. Identify the mismatched pair.

| STD's | Causative organisms |
|------------------------------|-----------------------------------|
| (a) Syphilis | (i) <i>Treponema palladium</i> |
| (b) Lymphogranuloma venereum | (ii) <i>Chlamydia trachomatis</i> |
| (c) Candidias | (iii) Albugo candida |
| (d) Genital warts | (iv) Human Papilloma virus |



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8. In India, family planning programme was initiated in

A. 1961

B. 1981

C. 1951

D. 1971

Answer: C



9. Assertion (A): Amniocentesis helps to diagnose the chromosomal aberrations in foetus.

Reason (R): Amniocentesis is legalized in our country.

- A. Both A and R are wrong
- B. A is right and R is wrong
- C. R explains A
- D. A is wrong R is right

Answer: B



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10. Legalized marriageable age of female in India is.....

A. 19 years

B. 20 years

C. 18 years

D. 21 years

Answer: C



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11. Identify the correct statement.

A. Lactational amenorrhea is a permanent birth control method

B. Condoms are made of polyethylene glycol and lambskin

C. LNG -20 is a copper - releasing IUD

D. Diaphragm covers the cervix there by preventing sperm entry

Answer: D



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12. According to WHO , India is thelargest HIV affected country .

A. first

B. second

C. third

D. seventh

Answer: C



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13. Identify the correct statement.

A. MTP is the voluntary killing of infant.

B. MTP is legalized in India from 1974.

C. Performing MTP during second trimester

is more risky

D. It is a surgical - based abortion.

Answer: C



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14. The contraceptive pills sahari contains a non-steroidal preparation called _____



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15. The average foetal heart beat rate is betweenbeats per minute.



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16. World AIDS day is observed on _____.



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17. Government of India legalized MTP in _____



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18. In chorionic villus sampling test, the tissue sample is taken from

- A. (a) amniotic fluid
- B. (b) placental tissue
- C. (c) Intestinal villi
- D. (d) foetal liver

Answer: B



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19. In ZIFT technique, the zygote is transferred at the stage of.....

A. 16 blastomere

B. morula

C. 12 blastomere

D. 8 blastomere

Answer: D



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20. Given below are the basic steps in IVF treatment cycle. Select the proper sequence.

(i) Ovarian stimulation (ii) Egg retrieval. (iii) fertilization (iv) Embryo culture (v) Embryo transfer

A. (a) $(ii) \rightarrow (iv) \rightarrow (v) \rightarrow (i) \rightarrow (iii)$

B. (b) $(i) \rightarrow (iii) \rightarrow (ii) \rightarrow (v) \rightarrow (iv)$

C. (c) $(i) \rightarrow (ii) \rightarrow (iii) \rightarrow (iv) \rightarrow (v)$

D. (d) $(ii) \rightarrow (i) \rightarrow (iii) \rightarrow (v) \rightarrow (iv)$

Answer: C



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21. Enactment of banned the identification of sex and to prevent the prenatal abortion.

A. POCSO Act

B. POTA Act

C. PCPNDT Act

D. GOONDA Act

Answer: C



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22. Which is NOT a national health care programme?

A. (a) Pradhan Mantri Surakshit Matritva
Abhiyan

B. (b) Pradhan Mantri Fiscal Bhima Yojana

C. (c) RMNCH + A approach

D. (d) Janani Shishu Suraksha Karyakaram

Answer: B



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23. Anti-sterility vitamin



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Additional Questions 2 Mark Questions

1. Name any four national level health care programmes run by Indian Government



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2. Comment on 'Saheli'



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3. What is Mayer-Rokitansky syndrome?



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4. Point out any four STD's caused by viruses.



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5. Define surrogacy.



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6. Name the causative organism of (a) Syphilis

(b) Genital warts



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7. Define Infertility.



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8. Expand the acronyms: (a) GIFT (6) ICSI



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9. What is amniocentesis ? Why a statutory ban is imposed on this technique ?



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10. How copper IUD's provide contraception?



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11. What do you mean by the term - coitus interruptus?



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12. What is MTP? Add a note on it.



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13. Which type of women are benefited by In Vitro Fertilization?



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1. What are the steps taken by Government to overcome population explosion?



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2. Lactational amenorrhoea - Comment.



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3. Write a note on sterilization procedure in the male.



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4. Define Tubectomy and Vasectomy.



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5. Complete the table by filling the gaps.

| Disease | Causative agent | Symptoms |
|------------|--------------------|----------------------------------------------------|
| Gonorrhoea | A | Affects urethra & cervix, painful urination |
| B | Human Immuno Virus | Enlarged lymphnode, night sweat, weight reduction. |
| Hepatitis | Hepatitis-B-Virus | C |



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6. List various natural methods of birth control.



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7. What does ICSI stands for? Describe the technique.



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8. How LNG-20 act as contraceptive?



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9. MTP is legalized in our country. Yes or No?

Why?



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10. Write the hormonal composition of oral contraceptive pills. Also explain their action

mode.



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11. Suggest some methods to assist infertile couples to have children.



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12. What are the characteristics of a good contraceptive ?



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13. Write a short note on foetoscope.



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14. How the technique of amniocentesis is performed?



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15. Mention the role of prolactin in lactational amenorrhoea.



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16. Name any one (a) fungal STI (6) Bacterial STI (c) Protozoan STI



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17. Why ultrasonography is performed for a carrying women?



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18. Suggest any two simple precautions to avoid contracting RTI's.



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19. Name the most effective long-acting reversible contraceptive methods.



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Additional Questions 5 Mark Questions

1. Give an detailed account on various natural methods of contraception.



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2. What are IUD's? Explain its way of functioning. Also describe their types.



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3. (b) Write in detail about cervical cancer



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4. What are the causes of infertility in human beings?





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Higher Order Thinking Skills Hots Questions

1. Dr. Sheela is a famous Gynaecologist at Poes garden. However illegally she performed amniocentesis for several pregnant illiterates and did MTP if identified as female foetus, on request. Under which act will she get arrested, if a complaint is filed against her.



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2. Identify the picture and describe the surgical procedure.



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