

BIOLOGY

BOOKS - UNIVERSAL BOOK DEPOT 1960 BIOLOGY (HINGLISH)

REPRODUCTIVE HEALTH

Reproductive Health

condition

- **1.** The term 'Health' is defined in may ways. The most accurate definition of the health would be
 - A. Health is the state of body and mind in a balanced
 - B. Health is the reflection of a smiling face

C. Health is a state of complatee physical, mental and social

well-being

D. Health is the symbol of economic presperity

Answer: C



- 2. Increased IMR and decreased MMR in a population will
 - A. Cause rapid increase in growth rate
 - B. Result in decline ingrowth rate
 - C. Not cause significant change in growth rate
 - D. Result in an explosive population/exp

Answer: c

3. A national level approach to build up a reproductively healthy
society was taken up in our country in

A. 1950s

B. 1960s

C. 1980s

D. 1990s

Answer: a



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4. World Health Day is celebrated every year on

- A. 7^{th} March
- B. 7^{th} April
- C. 7^{th} July
- D. 7^{th} May

Answer: B



- 5. A stable population is one which has got
 - A. No growth of population in the last decade
 - B. Constant rate of growth of population in thelast decaded
 - C. Slow groth of population in the last decade
 - D. Growth of 20% in excess than the last decade

Answer: B



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- 6. Now -a-days India is under which stage of demographic cycle
 - A. Early expending
 - B. Late expanding
 - C. Phase of decline
 - D. High stationary

Answer: b



7. If India's population is increasing at the rate of 13.6 million per year, then what percentage of total increase in would's population in one caalender year is contributed by the Indians

- A. 0.1
- B. 0.17
- C. 0.15
- D. 0.2

Answer: b



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8. The age groups in a population are classified by

A. Reproduction rate

- B. Death rate C. Age of marriage D. Sex ratio Answer: a **Watch Video Solution** 9. Sex ratio' means
- - A. Number of males/1000 femeles
 - B. Number of frmales/1000 males
 - C. Both
 - D. None

Answer: b

10. From the sexually transmitted deseases mentioned below, identify the one which does not specifically affect the sex organs.

- A. Syphlis
- B. AIDS
- C. Conorrhoes
- D. Genital warts

Answer: B



A. Acquired Immuno Deficiency Syndrome (AIDS)
B. Trichomoniases
C. Gonorrhoea
D. Syphilis
Answer: c
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12. One of these causes nongonococcal urethritis
A. Treponema pollium
B. Neisseria gonorrhoeae
C. Chamydis trachomatis
D. HSV-1

Answer: c



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13. Profuse, yellowish, greenish frothy smelling discharge from vagina is due to infection of

- A. Troponema pallidum
- B. Chlamydia
- C. Trichomonas vaginalis
- D. Neisseria

Answer: c



14. Genital warts are due to sexually transmitted disease spread by

- A. Herpes virus
- B. Papilloma virus
- C. Hepatitis A
- D. Trichomonas

Answer: B



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15. The sexully transmitted disease, that can effect both the male and the female genitals and may damage the eyes of babies born of infected mothers is

Or It is disease which mainly effects mucous membrane of

urinogenital tract. In males, buring feeling on passing urine, after a yellow discharge occurs, that is a accompanied by fever, headache and feeling of illness. Its name si

- A. AIDS
- B. Syphilis
- C. Gonorrhoea
- D. Hepaitis

Answer: c



16. Which of the following represents the correct match of a sexually transmitted infection with its pathogen ?

A. Uretritis-Bacillus anthracis

- B. Soft sore-Bacillus brevis C. Syphillis - Treponema pallidum D. Gonorrhoea- Entamoeba histalytica Answer: C **Watch Video Solution**
- **17.** Which one of the following groups includes are sexually transmitted diseases
 - A. AIDS, syphilis, cholera
 - B. HIV, malaria, trichomoniasis
 - C. Gonorrhoes, hepatitis-B, chalamydiasis
 - D. Hepatitis-B, haempphilia, AIDS

Answer: C



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18. Which one of the following statements is correct regarding sexually Transmitted Diseases (STD)

- A. A person may contact syphilis by sharing milk with one already suffering from the disease
- B. Heamophilia is one of STD
- C. Genital herpes and sickle-cell anaemia are both STD
- D. The chances of a 5 year boy contacting a STD are very little

Answer: a



19. Match the following sexully transmitted diseases (Colume-I) with their causative agent (Column-II) and select the correct option

	Column-I		Column-II
(A)	Gonorrhea	(i)	HIV
(B)	Syphilis	(ii)	Neisseria
(C)	Genital Warts	(iii)	Treponema
(D)	AIDS	(iv)	Human Papilloma - Virus

A.
$$(A)$$
 (B) (C) (D)

A. (a) (ii) (iii) (iv) (i)

B. (A) (B) (C) (D)

C. (A) (B) (C) (D)

C. (A) (B) (C) (D)

C. (c) (iv) (ii) (iii) (ii)

D. (A) (B) (C) (D)

D. (d) (iv) (iii) (ii) (ii)

Answer: a



20. Given below are foru methods (A-D) and their modes of action(a-d) in achiving contraception. Select their correct matching for the four options that follow

Method Mode of Action

A The pill (a) Prevents sperms

B Condom (b) Prevents implantation

C Vasectomy (c) Prevents ovulation

D Copper T (d) Saman contains no sperma

A. A-©,B-(d), C-(d), D-(b)

B. A-(c), B-(d), C-(a), D-(d)

C. A-(c), B-(a),C-(d),D-(b)

D. A-(d), B-(a),C-(b),D-©

Answer: c



- 21. Which of the following two statements are correct?
- (i) Medical termination of pregnancy (MTP) during first trimester is generally safe
- (ii) Generally chances of conception are nil until mother breastfeeds the infant upto two years
- (iii) Intrauterine devices like copper-T are effective contraceptives
- (iv) Contraception pills may be taken upto one week after coutus to prevent conception.
 - A. A,C
 - B. A,B
 - C. B,C
 - D. C,D

Answer: a

- 22. Which of these is used to control human population
 - A. Estrogen+ progesterone
 - B. IUCD and MTP
 - C. Tubectomy & Vasectomy
 - D. All of these

Answer: D



- 23. What is the function of copper-T
 - A. Cheaks mutation

- B. Stops fertilization
- C. Stop zygote formation
- D. Stops oblituation of blastocoel

Answer: B



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- **24.** Assisted reproductive to technology. IVF involves transfer of
 - A. Zygote into the uterus
 - B. Embryo with 16 blastomers into the fallopin tube
 - C. Ovum into the fallopian tube
 - D. Zygote into the fallopian tube

Answer: d

25. Surgical romoval or cutting and ligation of the ends of oviduct or small part of the fallopian tube is removed or tied up is known as

- A. Tubectomy
- B. Oviductomy
- C. Vasectomy
- D. Ovarioctomy

Answer: A



A. Testectomy **B.** Gonadectomy C. Castration D. None Answer: c **Watch Video Solution** 27. Progesterone puill helps in preventing pergnancy by allowing A. Ova formation B. Fertilization C. Impantation D. None of these

Answer: a



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- 28. Test tube baby means a baby born when
 - A. It develops from a non-fertilized egg
 - B. It developed in a test tube
 - C. It is developed through tissue culture method
 - D. The ovum is fertilised externally and thereafter implanted in the uterus

Answer: D



29. Which of the following is wrongly matched

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

B. GIFT - transfer of embroys with more than 8 blastomers into the Fallopian tube

C. ICSI- sperm directily injected into the ovum

D. ZIFT- transfer of embrys with upto 8 blastomeres into the Fallopian tube

Answer: b



30. Surrogate mother is used for

A. Induction of lactation B. Artificially inseminated demale C. Future mother with transplanted embryo D. Artificial in semination Answer: c **Watch Video Solution** 31. Surgical removal of uterus is called A. Vasectomy B. Tubectomy C. Hysteretomy D. Anantomy

Answer: C



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32. 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. Sterllization techniques

Answer: d



33. The success of birth control pragraammes in controlling papulation growth is dependent on

- A. Use of contraceptives
- B. Tubectomy
- C. Vasectomy
- D. Acceptability of the above by the people

Answer: d



- **34.** Trade name of weekly oral contraceptive pill is
 - A. Mala
 - B. Saheli

C. Mala A D. Mala D Answer: b **Watch Video Solution** 35. Daily oral contraceptive pill is A. Mala C

B. Mala N and Mala D

C. Mala A

D. Mala D

Answer: b



36.	Amni	iocent	esis	invo	lves	the	anav	/sis	of
5 0.		ocent	COIO	111100	110	LIIC	allay	/313	O1

- A. Amnion
- B. Body fluid of amniotes
- C. Amino acids of protein
- D. Amniotic fluid

Answer: d



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37. Which one of the following is tested by the technique of amniocentesis

or The permissible use of thetechnique amniocentesis is for

- A. Diochemical abnormalities in the foetus
- B. Errors of metabolism in the foetus
- C. Chromosomal abnormalities (genetic abnormality) in the foetue (Karyotype)
- D. All of the above

Answer: c



38. Foetal sex can be determined by examining cells from the amniotic fluid by looking for

- A. Barr bodies
- B. Autosomes
- C. Chiasmata

D. Kinetochore

Answer: a



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39. Amniocentesis is a process to

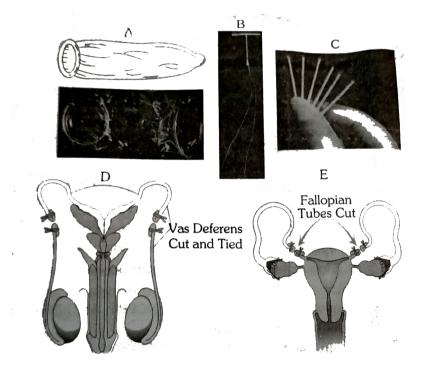
- A. Determine any disease in heart
- B. Determine any hereditary disease in the embryo
- C. Know about the disease of brain
- D. All of these

Answer: b



40. Match the following figures with the related method of birth

control



- 1 Tubectomy 2 Vasectomy
- 3 Implants 4 Condoms
- 5 Copper T 6 Cervical caps
- A. A-6,B-5,C-4,D-1,E-2
- B. A-4,B-5,C-3,D-2,E-1
- C. A-3,B-5,C-3,D-1,E-2

D. A-6,B-5,C-3,D-2,E-1

Answer: b



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- 41. In amniocentesis, the fluid is takes from
 - A. Foetal blood
 - B. Mother's blood
 - C. Baby fluid mother
 - D. Fluid surrounding foetus

Answer: d



42. Cu ions released from copper releasing intrauterine devices (IUDs)

- A. Prevent ovulation
- B. Make uterus unsuitable for implantation
- C. Increase phagocytosis of sperms
- D. Supperss sperm motility

Answer: c,d



- 43. The "World Intellectual Property Day" is observed on
 - A. Febuary, 29^{th}
 - B. June, 30^{th}

- C. April, 26^{th}
- D. September, 5^{th}

Answer: c



- **44.** The technique called Gamete intra Fallopian Tranfer (GIFT) is recommended for those females
 - A. Whose cervical canal it too narrow to allow passage for the sperms
 - B. Who can not provide suitable environment for fertilisation
 - C. Who can not produce an ovum
 - D. Who can not retain the foetus inside uterus

Answer: c



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45. Medical Termination of prengnancy (MTP) is considered safe up to how many weeks of pregnancy

- A. Six weeks
- B. Eight weeks
- C. Twelve weeks
- D. Eighteen weeks

Answer: c



46. Which of the following is the most widely accepted method
of contraception in india at present ?

- A. IUDs (Intra uterine devices)
- B. Cervical caps
- C. Tubectomy
- D. Diphrangms

Answer: a



47. One of the following is not a methd of contraception- which one

A. Condoms

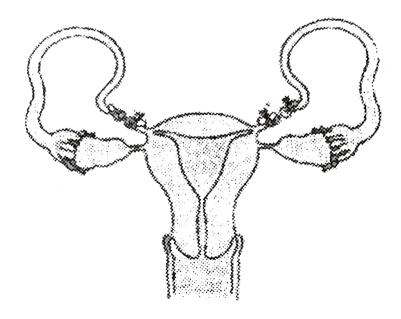
- B. Pills of a combination of oxytocin and vasopressin
- C. Lippes loop
- D. Tubectomy

Answer: b



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



- A. Ovarian cancer
- B. Uterine cencer
- C. Tubectomy
- D. Vasectomy

Answer: c



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49. Match the contraceptive methods given under column I with their examples given under column II and select the correct option from the given codes

Column I Column II

A. Chemical (i) Tubectomy and vasectomy

B. IUDs (ii) Copper T and loop

C. Barriers (iii) Condom and cervical cap

D. Sterilisation (iv) Spermicidal jelly and foam(v) Coitus interruptus and calender method

Answer: a



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50. One of the legal methods of bith control is

- A. By a premature ajaculation during citus
- B. Aborition by taking an appropriate medicine
- C. By abstaining from coitus from day 10 to 17 of the menstrual cycle

D. By having coitus at the time of day break

Answer: b



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51. In contex of Amniocentesis, which of the following statement is incorrect

A. It is usually done when a women is between 14-16 weeks pregnant

B. It is used for prenatal sex determination

C. It can be used for detection of Down syndrome

D. It can be used for detection of Cleft palate

Answer: d

52. Which of the following approches does not give the defined action of contraceptive

(a)	Barrier methods	Prevent fertilization		
(b)	Intra uterine devices	Increase phagocytosis of sperms, suppress sperm motility and fertilizing capacity of sperms		
(c)	Hormonal contraceptives	Prevent/retard entry of sperms, prevent ovulation and fertilization		
(d)	Vasectomy	Prevents spermatogenesis		

A. "Barrier methods" "Prevent fertilization"

B. "Intra uterine device" "Increase phogocytosis of sperms, suppess sperm motillity and frtilizing capacity of sperms"

C. "Hormonal contraceptives" "Prevent/retry of

sperms, prevent ovulation and fertilization"

D. "Vasectomy" " "Prevents spermatogenesis"

Answer: d



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53. The contraceptive 'SAHELI'

A. Blocks estrogen receptors in the uterus, preventing eggs from getting implanted.

B. Increase the concentration of estrogen and prevents

ovulation in femeles

C. Is an IUD

D. Is a post-coital contraceptive

Answer: a

54. The method of directly injecting a sperm into ovum in assisted reproductive technology is called

A. GIFT

B. ZIFE

C. ICSI

D. ET

Answer: c



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55. Increased IMR and decreased MMR in a population will

- A. Cause rapid increase in growth rate
- B. Result in decline in growth rate
- C. Not cause significant change in growth rate
- D. Result in an explosive populateon

Answer: c



- **56.** Intensity lactating mothers do not generally conceive due to the
 - A. Suppression of gonadotropins
 - B. Hyper secretion of gonadotropins
 - C. Suppression of gametic transport
 - D. Suppression of fertilization

Answer: a



- **57.** Sterilisation techniques are generally full proof methods of contraception with least side effects. Yet, this is the last option for the couples because
- (i) It is almost irreversible
- (ii) of the misconception that it will reduce sexual urge/drive
- (iii) it is a surgical procedure
- (iv) of lack of sufficient facilites in many parts of the country

Choose the correct option

- A. It is almost irreversible
- B. Of the misconceptioo that it will reduce sexual urge
- C. It is a surgical procedure

D. Of lack of sufficient facilities in many parys of the country

Answer: d



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58. A national level approach to build up a reproductively healthy society was taken up in our country in

- A. 1950s
- B. 1960s
- C. 1980s
- D. 1990s

Answer: a



59. Emergency contraceptives are effective if used within

A. 72 hrs of coitus

B. 72 hrs of ovulation

C. 72 hrs of menstruation

D. 72 hrs of implantation

Answer: c



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60. Diaphragmss are contracepitve device used by the females.

Choose the correct option from the statement given below

A. They are introduced into the uterus

- B. They ar placed to cover the cervical region
- C. They act as physical barriers for sperm entry
- D. They act as spermicidal agents

Answer: c



- **61.** The correct surgical procedure as a contraceptive method is
 - A. Ovariectomy
 - B. Hysterectomy
 - C. Vasectomy
 - D. Castration

Answer: c

62. From the sexually transmitted deseases mentioned below, identify the one which does not specifically affect the sex organs.

- A. Syphlis
- B. AIDS
- C. Gonorrhea
- D. Genital warts

Answer: b



63. Condoms are one of the most contraceptives because of the following reasons

- A. These are effectibe barriers for insemination
- B. They donot interfere with coital act
- C. These help in reducing the risk of STDs
- D. All of the above

Answer: d



- 64. Choose the correct statement regarding the ZIFT procedure
 - A. Ova collected from a female donor are transferred to the
 - fallopian tube to facilitate zygote formation

- B. Zygote is collected froma female donore and transferred to the fllopian tube
- C. Zygote is collected froma female donor and transferred to the uterus
- D. Ova collected from a frmale donor and transferred to the uterus

Answer: b



- 65. The study of juman population statistically is known as
 - A. Chromology
 - B. Demography

- C. Population science
- D. Sinography

Answer: b



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- **66.** Assissted Reproductive Tecnology does not include
 - A. Zygote extra fallopian transfer
 - B. In vitro fertilization and embryo transfer
 - C. Artificial insemination
 - D. Gamete intra fallopian transfer

Answer: a



67. What is the full form of RCH

- A. Reproduction and Child Health Care
- B. Reproduction, Contraception and Health
- C. Reproductive and Child Health
- D. None

Answer: c



- 68. What is true for natural methods of contraception
 - A. They increase phogocytosis of sperms
 - B. They employ barriers to prevent fertilization

- C. They are natural ways of avoiding chances fertilization
- D. They are surgical methods and are terminal methods

Answer: c



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- **69.** MPT is practised mainly to
 - A. Get rid of unwanted frmale child lengally
 - B. Get rid of unwanted pregnancied due to failure of
 - contraception or rapes
 - C. Both(a) and (b)
 - D. Decrease papulation size

Answer: b

70. STDs lead to

A. Itching. Fluid discharge, slight pain, swelling etc.

B. Pelvic inflammatory Diseases (PID), ectopic pregnancied, still births, infertitity, abortion etc.

C. Both (a) and (b)

D. None

Answer: c



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71. Assisted reproductive technologies (ART) do not include

A. GIFT and ZIFT B. CVS and IUCD C. IUI and ET D. Intra uterine ET Answer: b **Watch Video Solution** 72. What is the popular name of IVE A. Amnihocentesis B. Tubectomy C. Test tube baby D. GIFT

Answer: c



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73. Surgical methods of contraception prevent

- A. Gamete formation
- B. Gamete motility
- C. Both (a) and (b)
- D. Spermatogenesis only

Answer: b



74. Birth control pills check ovulation in female by inhibithig the secretion of

A. Follice stimulating hormon

B. Luteinizing hormone

C. Both

D. None

Answer: c



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

A. Cervical cap

- B. Vault
- C. Multiload 375
- D. LNG -20

Answer: d



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76. July 11 is observed as

- A. World population day
- B. No tobacco day
- C. World environment day
- D. World health day

Answer: a

77 .	Most	literate	state	of	India	is
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- A. Kerala
- B. Goa
- C. U.P.
- D. Sikkim

Answer: a



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78. Who one of the following is awarded Noble prize in physiology/Medicine 2010 for in uitro fertilization

- A. Rober Edwards
 - B. Patrick Stiptoe
 - C. Gibert Brown
 - D. Dr. Carig Venter

Answer: a



- 79. The Test -tuble Babby programme employs which one of the following techiques
 - A. Intra cytoplasmic sperm injection (ICSI)
 - B. Intra uterine insemination (IUI)
 - C. Gamete intra fallopia transfer (GIFT)
 - D. Zygote intra fallopian transfer (ZIFT)

Answer: d



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80. What is false for ZIFT

- A. ZIFT-Ztgote intra Fallopian Transfer
- B. It follow IVF
- C. Zogote early embroy
- D. Embryos with more than 8 blastomers are transferred to

the uterus

Answer: d



- **81.** In vitro fertilisation is a technique that involves tranfer of which one of the following into the Fallopian tube ?
 - A. Zygote only
 - B. Embroy only, upto 8 cell stage
 - C. Either zygote or early embryo upto 8 cell stahe
 - D. Embroyo of 32 cell stage

Answer: c



- 82. Choose the right one among the statements given below.
 - A. IUDs are generally inserted by the user herself
 - B. IUDs increase phagocytosis reaction in the uterus

- C. IUDs suppress gametogenesis
- D. IUDs once insected need not be replaced

Answer: b



- **83.** Following statements are given regarding MTP. Choose the correct options given below.
- (i) MTPs are generally advised during first trimester
- (ii) MTPs are used as a advised during first trimester
- (iii) MTPs are always surgical
- (iv) MTPs require the assistance of qualified medical personnel.
 - A. (i) and (iii)
 - B. (ii) and (iii)

- C. (i) and (iv)
- D. (i) and (ii)

Answer: c



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- **84.** What is the drawback of amniocentesis
 - A. It may injure the foetus
 - B. It may injure the foetus
 - C. It is wrong I n 50% cases
 - D. It is misused intermination of female pregnancies

Answer: d



85. Which of the following cannot be detected in a develping foetus bby amniocentesis

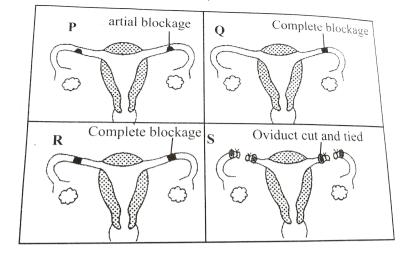
- A. Jaundice
- B. Klinefelter stdorme
- C. Sex of the foetus
- D. Down syndrome

Answer: a



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86. The accompanying diagram shows the uterine tubes of four women (P,Q,R and S)



In which two women is fertilisation impossible at present?

- A. P and Q
- B. Q and R
- C. R and S
- D. S and P

Answer: c



87. Progestasert in and IUD which makes the uterus unsuitable and cervix hostile to the sperms as they are

- A. Hormone releasing IUDs
- B. Copper releasing IUDs
- C. Ideal contraceptive
- D. Non-medicated IUDs

Answer: a



88. In case of a couple where the male is having a very low sperm count, which technique will be suitable for fertilisation

A. Intrauterine transfer

- B. Gamete intracytoplasmic fallopian transfer
- C. Artificial Insemination
- D. Intracytoplasmic sperm injection

Answer: c



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89. Assertion: Test tube baby has raised severla legal problem.

Reason: It involves in vitro fertilization followed by embryo transfer.

- A. If both the assertion and the reason are true and the reason is a correct explanation of the assertion
- B. If both the assertion and reason are true but the reason is

not a correct explanation of the assertion

- C. If the assertion is true but the reason is false
- D. If both the assertion and reason are false

Answer: b



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90. Assertion: Natality rate increases the population size and population density both.

Reason: Natality increase the number of individuals in an area by births.

- A. If both the assertion and the reason are true and the reason is a correct explanation of the assertion
- B. If both the assertion and reason are true but the reason is not a correct explanation of the assertion

- C. If the assertion is true but the reason is false
- D. If both the assertion and reason are false

Answer: a



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91. Assertion: Use of condom is a sageguard against AIDS and sexual diseases beside checking pregnancy.

Reason: Certain contraceptives are planted under the skin of the upper arm to prevent pregnancy.



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92. Assertion: Bilogically, woman is superior to man.

A women provides nutrition to developing foetus during

gestation and also nourishes the body on her milk after its bitth. **Watch Video Solution** 93. Amoniocentesis is the withdrawal of amniotoc fluid in A. Menopause B. Lactation C. Gestation D. Pregnancy

Answer: d

94. When environmental conditions are non-limiting what will happen

- A. Maximum mortality and minimum natality
- B. Mortality minimum
- C. Natality minimum
- D. Motality maximum

Answer: a



- 95. The lone term planing for human civilization is
 - A. Increase in food production
 - B. Colonisation of rerely populated area

- C. Control of human diseases
- D. None of the above

Answer: b



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- 96. At what stage the embryo is implanted in the uterus
 - A. Immediate after fertilization
 - B. After 16 cells stage
 - C. After 64 cells stage
 - D. After 32 cells stage

Answer: d



97. What is the purpose of tubectomy

A. To prevent embryonic tubectomy

B. To prevent sexual intercourse

C. To prevent fomation of eggs

D. To prevent fertilization

Answer: d



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98. "Saheli" - a new oral contraceptive for rthe females, was developed by the scientists at which institute

A. C.D.R.I. - Lucknow

- B. I.I.Sc. Benglore
- C. C.S.I.R. New Delhi
- D. I.C.M.R. New Delhi

Answer: a



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99. Artificial insemination means

- A. Introduction of sperms of a healthy donor directly into the ovary
- B. Transer of sperms of a healthy donor to a test tube containing ova

- C. Transfer of sperms of husband to a test tube containing ova
- D. Artificial introduction of sperm of a healthy donor into the vagina

Answer: d

