

QB365 Question Bank Software Study Materials

Zoology - Reproductive Health Important 2 Marks Questions With Answers (Book Back and Creative)

12th Standard

Biology

Total Marks : 40

2 Marks

20 x 2 = 40

1) Expand the following

- a) ZIFT
- b) ICSI

Answer : (a) ZIFT - Zygote Intra Fallopian Transfer

(b) ICSI - Intra Cytoplasmic Sperm Injection

2) Differentiate foeticide and infanticide

Answer :

Foeticide	Infanticide
It refers to aborting the female in the mother's womb.	It refers to killing the female child after her birth

3) Write the preventive measures of STDs.

- Answer :**
1. Avoid sex with unknown partner/multiple partner
 2. Use condoms.
 3. In case of doubt, consult a doctor for diagnosis and get complete treatment.

4) What is PCPNDT Act?

Answer : Government of India has taken various steps like PCPNDT Act (Preconception and Prenatal diagnostic technique act-1994) enacted to ban the identification of sex and to prevent the use of prenatal diagnostic techniques for selective abortion.

5) Define birth control.

Answer : The voluntary use of contraceptive procedures to prevent fertilization or prevent implantation of a fertilized egg in the uterus is termed as birth control.

6) What is Saheli?

Answer : Saheli, is a contraceptive pill devised by Central Drug Research Institute (CDRI) in Lucknow, India. It contains a non-steroidal preparation called centchroman.

7) What is the role of IUDs?

Answer : IUD - Intra-Uterine Device. They increase of phagocytosis of sperm within the uterus and prevent meeting of gametes there by acting as birth control measure.

8) What is IUT?

Answer : IUT - Intra Uterine Transfer,

(i) Embryo with more than 8 blastomeres is inserted into uterus to complete its further development.

(ii) It is a method to achieve pregnancy by Assisted Reproductive technology.

9) Why is Ultrasonography performed during pregnancy?

Answer : Ultrasonography is usually performed in the first trimester for dating, determination of the number of fetuses, and for assessment of early pregnancy complications.

10) Point out any four STD's caused by viruses

Answer : 1. Genital herpes

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2. Hepatitis -B
3. Genital warts
4. AIDS

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

Answer : Coitus interruptus is a oldest family planning method, where the male partner withdraws his penis before ejaculation, there by preventing the deposition of semen into vagina.

12) Mention any probable reasons for rapid rise of population in our country.

Answer : (i) Rapid decline in the overall death rate because of better medical facilities.
(ii) Better living conditions.

13) Mention one positive and one negative application of amniocentesis.

Answer : Positive application: Any genetic disorder of the foetus can be detected.
Negative application: It is misused for sex determination and female foeticid.

14) Intensely lactating mothers do not generally conceive why?

Answer : (i) The events of menstrual cycle are absent during the period of intense lactation.
(ii) In the absence of ovulation, there is no question of fertilization and conception.

15) Identify A, B, C and D in the following table with reference to birth control.

Answer :

Method	Example
A	Diaphragm
Female Sterilisation	B
C	Saheli
D	Cu-T

A-Barrier; B-Tubectomy; C-Oral pill; D-IUI

16) What is ART?

Answer : ART is a Assisted Reproductive Technology. It is a collection of procedures, which includes the handling of gametes and/or embryos outside the body to achieve a pregnancy, is known as ART.

17) Mention the primary aim of the Assisted reproductive technology.

Answer : Assisted reproductive technology (ART) is the collection of certain special techniques. The primary aim of the ART programmes is to assist infertile couples to have children through certain special techniques (like ZIFT IUT, GIFT, ICSI, AI, etc). When corrective treatment for infertility problems is not possible.

18) Explain how surrogacy is helpful in case of an infertile woman?

Answer : Surrogacy is a method of assisted reproduction or agreement whereby a woman agrees to carry a pregnancy for another person, who will become the newborn child's parent after birth. Through in vitro fertilisation (IVF), embryos are created in a lab and are transferred into the surrogate mother's uterus.

19) Enumerate the causes for male infertility.

Answer : (i) Undescended testes and swollen veins (varicocoele) in scrotum.
(ii) Tight clothing in men may raise the temperature in the scrotum and affect sperm production.
(iii) Males may develop an autoimmune response to their own sperm.

20) What is MTP?

Answer : Medical Termination of Pregnancy (MTP) :

Medical method of abortion is a voluntary or intentional termination of pregnancy in a non-surgical or non-invasive way. Early termination medical is extremely safe upto 12 weeks (the first trimester) of pregnancy and generally has no impact on a women's fertility. Abortion during the second trimester is more risky as the foetus becomes intimately associated with the maternal tissue.