

Reproduction in Animals

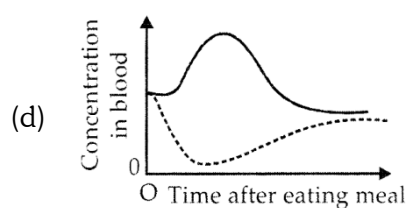
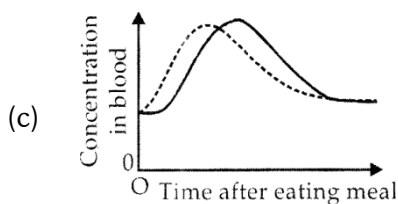
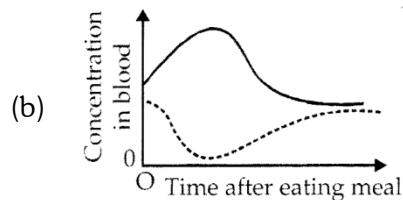
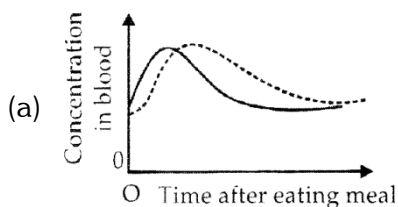
Skill Based Questions

Q.1. Multiple choice questions:

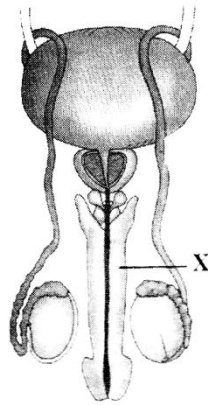
1. Which of the following is correct about identical twins?
 - (a) They are developed from the joining of sperms with two separate egg cells.
 - (b) Their features are identical to their parents.
 - (c) They have identical thumbprints.
 - (d) The nuclei of their cells contain identical genes.

2. Growth ofi..... and the growth ofii..... are secondary sexual characters that are observed only in males
The information in which row completes the given statement?
 - (a) i-Underarm hair; ii-facial hair
 - (b) i-Facial hair; ii-hair on chest
 - (c) i-Hair on chest; ii-pubic hair
 - (d) i-Pubic hair; ii-underarm hair

3. The graphs show the concentrations of glucose and insulin in the blood of a healthy person. Which graph shows the changes expected after a meal containing starch?



4. The given figure shows a male reproductive system.

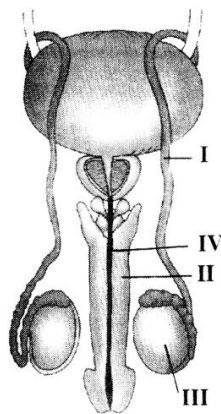


The label X in the figure isi..... It depositsii..... into the vagina?

The information in which row completes the given statements?

- (a) i-Penis; ii-Ova (b) i-Penis; ii-Sperm (c) i-Testes; ii-Ova (d) i-Testes; ii-Sperm

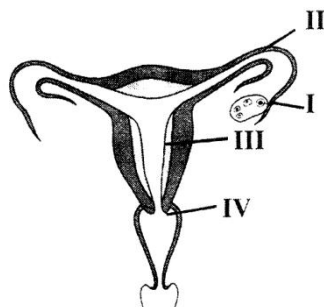
5. The given figure illustrates male reproductive system



Which labeled structure can transport both sperm and urine at different times?

- (a) I (b) II (c) III (d) IV

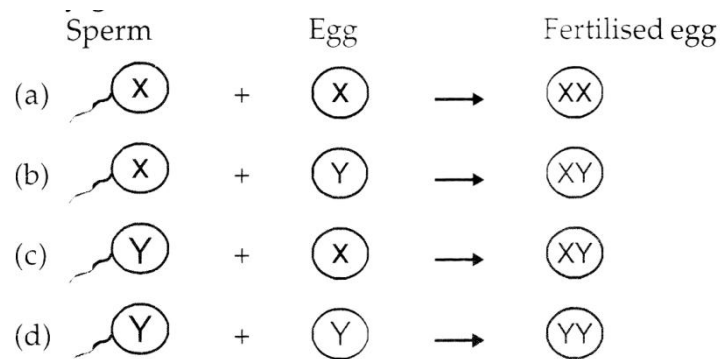
6. The given figure illustrates human female reproductive system.



In which region is sperms released during intercourse and where do the fusion of sperm and egg usually take place?

- (a) Sperm released-T; Fusion of egg and sperm-III
- (b) Sperm released-III; Fusion of egg and sperm-IV
- (c) Sperm released-IV; Fusion of egg and sperm-I
- (d) Sperm released-II; Fusion of egg and sperm-I

7. Which diagram shows the sex chromosomes when a sperm fertilizes an egg to produce a baby girl?



Q.2. Subjective questions:

1. Do all animals give birth to babies like humans?

Ans.

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2. Explain the given statement about AIDS.

‘Strangely enough AIDS does not kill, it lets other bacteria, viruses and cancers do the killing.’

Ans.

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3. Is reproduction important for survival of species?

Ans.

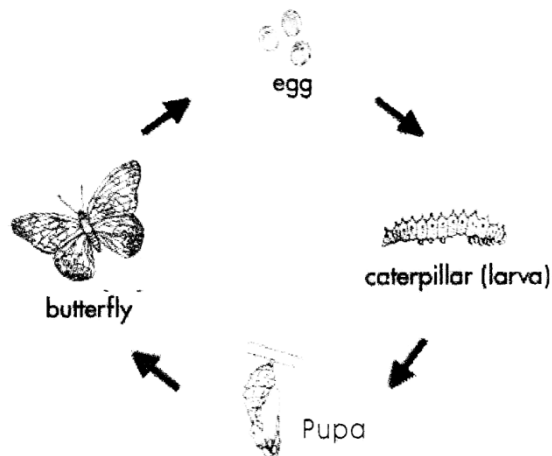
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4. Why doctors give injections of insulin to patients suffering from diabetes?

Ans.
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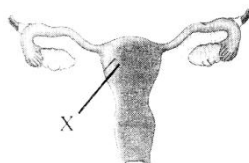
5. Look at the life cycle of butterfly.



The caterpillar of butterfly is quite different from the adult butterfly. How does this beautiful butterfly emerge from the pupa?

Ans.
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6. The given figure shows a female reproductive system



- (i) What does label 'X' in the figure represents?
- (ii) How does label 'X' prepare itself for the reception of zygote?
- (iii) What happens to 'X'?
- (a) If fertilization takes place?
- (b) If fertilization has failed to take place?

Ans.
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