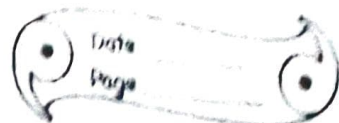


Home Assignment



1. Assertion: Growth hormone stimulates the growth hormone of different body parts.

Reason: Gonadotrophins stimulates the production of sex hormones.

Ans - (b)

2. Assertion: Testes lie in penis outside the body.
Reason: Sperm require the temp. lower than the body temp. for development.

(a)

3. Colonies of yeast multiply in Sugar solution.

R - Sugar is made of sucrose which provides energy for sustaining all life activities.

Ans - (b)

4. A - Pollen grains from the carpel stick to the stigma of stamen.

R - The unfertilised egg cells grow inside the ovules and becomes seeds.

(c)

5. A - The offspring produced by sexual reproduction is likely to be adjusted better in environmental fluctuation.

R - During the fusion of gametes there is mixing of genetic material in two parents.

(b)

76. Assertion: ~~Prokaryotes~~ Asexual reproduction is a primitive type of reproduction.

Reason: Asexual reproduction involves only mitotic cell division.

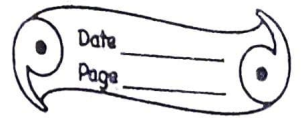
(a)

8. A: Spores are unicellular bodies

R: The parent body simply breaks up into smaller ones on maturation.

(a)

MCQs



9. Which of the following is not the function of testis at puberty?

Ovulation

10. Length of pollen tube depends upon the distance between

pollen grain on upper surface of stigma and ovule.

11. Fertilisation occurs in human female when the sperm and ovum reach respectively.

Fallopian tube

12. In the list of organisms given below those that reproduce by the asexual method are -

(i) banana

(ii) dog

(iii) yeast

(iv) Amoeba

(b) (i), (iii), (iv)

13. Which of the following is the correct sequence of events of sexual reproduction in a flower?
embryo, seedling, pollination, fertilisation.

14. Which of the following is not an artificial method of vegetative propagation?

Budding

15. There is a greater probability possibility for the evolution of new species in organisms which reproduce by -

fertilisation