

HOME ASSIGNMENTS

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

Reason (R) : Gonadotropins stimulate the production of sex hormone.

Ans. (b) Both A & R are correct but R is not the correct explanation of A.

Assertion (A) :
2. Testis lie in penis outside the body.

Reason (R) : Sperms require temperature lower than the body temp. for development.

Ans. (a) A is false but R is true.

2. ~~Q. 1~~ Assertion (A) : colonies of yeast multiple in sugar solution.

Reason (R) : sugar is made of sucrose which provides energy for sustaining all life activities.

(a) Both A & R are correct and R is the correct explanation of A.

4. ~~Get~~ Assertion (A): Pollen grains from the carpel stick to the stigma of stamen.

Reason (R): The ~~un~~fertilised egg cells grow inside the ovules and become seeds.

(d) Both A & R false

5. Assertion (A): The offspring produced by sexual reproduction is likely to adjust better in environmental ~~fluctuation~~ fluctuation.

Reason (R): During the fusion of gametes there is mixing of genetic material from two parents.

a) Both A & R are true and R is the correct explanation of A.

7. Assertion (A): Asexual reproduction is a primitive type of reproduction.

Reason (R): Asexual reproduction involves only mitotic cell division.

a) Both A & R are true and R is the correct explanation of A.

8. Assertion (A): Spores are unicellular bodies.

Reason (R) : The parent body simply breaks up into smaller pieces on maturation.

c) A is true but R is false

MCQs

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

Ans. Ovulation

10. Length of the pollen tube depends upon the distance between pollen grain on the upper surface of stigma & ovule

11. Fertilisation occurs in human female when the sperm and ovum reach simultaneously at 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)

Ans. (i) & (iii)

Amoeba

13. Which of the following is the correct sequence of events of sexual reproduction in a flower.

Pollination, fertilisation, embryo, seedling.

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

Budding.

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