

1) Assertion - The growth hormone stimulates the growth of different body parts.

Reason - Gonadotrophins stimulates the production of sex hormones.

b) ~~Both~~ Both Assertion & Reason are true but Reason is not the correct explanation of Assertion

2) A - Testis lies in penis outside the body.

R - Sperms requires temp. lower than body temp. for development

d) Both Assertion & Reason ^{are} false

3) A - Colonies of yeast multiply in sugar solⁿ

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

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

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

R - The unfertilised egg shells grow inside the ovules & become seeds.

b) Both A & R are false

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

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

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

7) A - Asexual reproduction is primitive type of reproduction.

R - Asexual reproduction involves only mitotic cell division.

b) Both A & R are true & R is the

correct explanation of A

- 8) A - Spores are unicellular bodies.
R - The parent body simply breaks up into smaller pieces on maturation.
- 9) Assertion is true but R is false.

9) Which among the following is not the function of testes at puberty?

(c) Ovulation

10) Length of the pollen tube depends upon the distance between

b) Pollen grain on upper surface of stigma & ovules.

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

a) Falloperian tube.

12) In the list of organism given below, those that reproduce by the asexual method are.

b) (i), (ii), (iii)

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

a) pollination, fertilisation, embryo, seedling

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

c) Budding

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

c) Fertilisation