

Home Assignment

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

Reason: Gonadotrophins stimulate the production of sex hormones.

Ans (c)

2. A: Testes lie in penis outside the body.

R: Sperms require temp. lower than the body temp. for development.

Ans (a)

3. A: colonies of yeast multiply in sugar solⁿ.

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

Ans (a)

4. A: pollen grains form the carpel stick to the stigma of stamen.

R: The unfertilised egg cell grows inside the ovule & become seeds.

Ans (d)

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

R: During the fusion the gametes have mixing of genetic material from 2 parents.

Ans (a)

6. A : Asexual reproduction is a primitive type of reproduction.

R : Asexual reproduction involves only mitotic cell division.

Ans = (a)

7. A : Spores are unicellular bodies.

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

Ans = (b)

8. Which among the following is not the function of testes at puberty?
Ans = Ovulation.

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

10. Fertilisation occurs in human female when the sperm & ovum reach simultaneously at fallopian tube.

11. In the list which organism reproduce asexually. banana, yeast, Amoeba.

12. Which of the following is not an artificial method of vegetative propagation?
Ans = Budding.

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