

HCU

1. A - Growth hormone stimulates the growth of different body parts
R - Gonadotrophs stimulate the production of sex hormone

A (b) Both A & R are true but R is not correct explanation of A

2. A - Testes lie in perineal outside the body
R - Sperm requires temp lower than the body temp for development

A ~~A~~ A is false but R is true

3. A - colonies of yeast multiply in sugar solution

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

(a) Both A & R are true & R is correct explanation

of R

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

R - The unfertilized egg cells grow inside the ovules & become seed.

A (d) Both A & R are false

5. A - 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 (a) Both A & R are true & R is correct explanation of A

6. A - Testes lie a pair outside the body
R - Sperms require temp. lower than body temp for development.

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

R - Asexual reproduction involves only mitotic cell division

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

7. A - Spores are unicellular bodies
 R - The parent's body simply breaks up
 into smaller pieces or fragmentation
 A (C) 1 A is true but R is false

MCQs

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

A (C) Anulation

2. Length of pollen tube depends upon the distance between

A (b) Pollen grains on upper surface of stigma & ovule

3. Fertilisation occurs in human female when the sperm & ovum reach at

A (a) Fallopian tube

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

(i) Banana (ii) Dog (iii) Yeast (iv) Amoeba
 A (b) (i), (iii), (iv)

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

A (C) Pollination, fertilisation, Embryo, seedling

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

A (C) Budding

7. There is a greater possibility for the evolution of new species in organism which reproduce by

A (A) fertilisation