

HOW DO ORGANISMS REPRODUCE

- Q.1)** Vegetative propagation in *Bryohyllum* takes place by :-
(A) stem (B) leaf
(C) root (D) none of these
- Q.2)** The group of petals is called :-
(A) sepals (B) calyx
(C) root (D) None of these
- Q.3)** During grafting, the portion of plant that is grafted is called :-
(A) stock (B) scion
(C) stalk (D) stem
- Q.4)** During pollination, pollen grains get carried to which part of the carpel ?
(A) Ovary (B) Stigma
(C) Ovule (D) Style
- Q.5)** At the time of entering into ovule, pollen tube has :-
(A) three male nuclei
(B) two male nuclei
(C) one gamete nucleus
(D) four male gametes
- Q.6)** Asexual reproduction are :-
(A) Fission
(B) Budding
(C) Vegetative propagation
(D) All of these
- Q.7)** Binary fission occurs in :-
(A) Plasmodium (B) Hydra
(C) Pomegranate (D) Amoeba
- Q.8)** In which of the following reproduction parental identity is lost :-
(A) Budding (B) Binary
(C) Multiple fission (D) Both B and C
- Q.9)** If the pollen is transferred to the stigma of the same flower, it is termed :-
(A) allogamy (B) geitonogamy
(C) autogamy (D) all of these
- Q.10)** Which part of the flower forms the fruit ?
(A) Whole flower
(B) Only stamens and carpel
(C) Only ovary
(D) Only carpel
- Q.11)** In angiosperm after the fertilization endosperm becomes :-
(A) Haploid (B) Diploid
(C) Triploid (D) Tetraploid
- Q.12)** After fertilization ovule grows into :-
(A) seed (B) fruit
(C) placenta (D) None
- Q.13)** The animals consist of both male & female sex known as :-
(A) Viviparous (B) Oviparous
(C) Sterile (D) Hermaphrodite
- Q.14)** Testis of man occur :-
(A) inside body
(B) upper side of kidney
(C) on either side of dorsal aorta
(D) in scrotal sacs
- Q.15)** Middle piece of a mammalian sperm contains :-
(A) nucleus (B) acrosome
(C) vacuole (D) mitochondria
- Q.16)** Male hormone is :-
(A) Corpus luteum

- (B) Testosterone
(C) Progesterone
(D) Gonadotropin

Q.17) Fertilization of frog takes place in :-

- (A) Uterus (B) Fallopian tube
(C) Water (D) Cervix

Q.18) Which of these secretes seminal fluid ?

- (A) Prostate gland
(B) Cowper's gland
(C) Seminal vesicle
(D) All of these

Q.19) The normal duration of menstrual cycle is :-

- (A) 7-8 days (B) one day
(C) 3-4 days (D) none of the above

Q.20) Which of the following is an IUCD ?

- (A) Copper-T (B) Diaphragm
(C) Oral pills (D) Tubectomy

Q.21) The Primary reason for increase in human population is :-

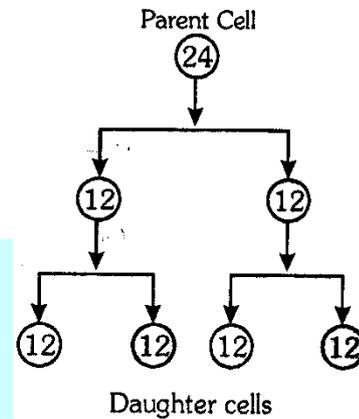
- (A) the increase in agricultural production
(B) the increases in birth rate and decreases in death rate
(C) the improvement in medical technology
(D) all of the above

Q.22) Twins absolutely resembling each other in sex and external appearance result when :

- (A) Two similar sperms fertilise two similar eggs
(B) Same sperm fertilises two eggs
(C) Two halves of the same egg develop separately after it is fertilised by one sperm
(D) Two halves of the same egg are fertilised

by two separate sperms

Q.23) The chart given here shows a cell division. The division is :-



- (A) Mitosis
(B) Meiosis
(C) Division of a zygote during development
(D) Division of an Amoeba during binary fission

Q.24) Regeneration is a process in which :-

- (A) A tumour is produced
(B) A new individual is produced
(C) Missing parts grow again
(D) Old individuals are replaced by new ones

Q.25) Vegetative propagation refers to formation of new plants from

- (A) Stem, roots and flowers
(B) Stem, roots and leaves
(C) Stem, flowers and fruits
(D) Stem, leaves and flowers

Q.26) Development of egg without fertilization is

- (A) parthenocarp
(B) polyembryony
(C) parthenogenesis
(D) adventive embryony

Q.27) Anemophily is pollination by

- (A) air (B) water

(C) insects (D) animal

Q.28) The thread like structures that develop in the bread mould are

- (A) flagella. (B) cilia.
(C) sporangia. (D) hyphae.

Q.29) Variations in an asexually reproducing population are due to

- (A) DNA copying.
(B) error in DNA copying
(C) cell division.
(D) spore formation.

Q.30) Double fertilization is

- (A) fusion of two male gametes with egg
(B) fusion of one male gamete with egg and the other male gamete with the polar bodies
(C) both are correct
(D) both are incorrect

Answer Sheet

Q.1	B	Q.11	C	Q.21	D
Q.2	D	Q.12	A	Q.22	C
Q.3	B	Q.13	D	Q.23	B
Q.4	B	Q.14	D	Q.24	C
Q.5	B	Q.15	D	Q.25	B
Q.6	D	Q.16	B	Q.26	C
Q.7	D	Q.17	C	Q.27	A
Q.8	D	Q.18	D	Q.28	D
Q.9	C	Q.19	C	Q.29	B
Q.10	C	Q.20	A	Q.30	B

