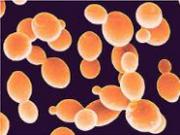


6. REPRODUCTION –THE GENERATING SYSTEM

½ MARK QUESTIONS

- 1) Reproduction is a
a) Life process b) Respiration c) Excretion d) None of the above ()
- 2) Binary fusion is observed in ()
a) Amoeba b) Paramecium c) a & b d) None of the above
- 3) In unfavorable conditions what type of reproduction that Paramecium opt? ()
a) Binary fusion b) Conjugation c) a & b d) None of the above
- 4) What is the bacteria that turns milk into curd ? ()
a) Mycobacterium lepre b) Mycobacterium tuberculosis c) not a & b d) Lactobacillus
- 5) Fission can be observed in the following organisms ()
a) Paramecium b) Bacteria c) not in a & b d) In a & b
- 6) What do you call the reproduction in this organism? ()

a) Binary Fusion b) Multiple Fusion c) Budding d) Fragmentation
- 7) Organism that grows from a separate piece of parent ()
a) Flat worms b) Moulds c) Spirogyra d) all of the above organisms
- 8) One example for Parthenogenesis ()
a) Banana b) Grapes c) watermelon d) All of the above
- 9) Do you know the name of the process of reproduction where
there is a shift from sexual to asexual mode of reproduction ? ()
a) Asexual Reproduction b) Sexual Reproduction c) Parthenogenesis d) All of the above
- 10) Do you know the organism which performs regeneration? ()

a) Amoeba b) Paramecium c) Chlamydomonas d) Planaria

- 11) Ravi has gone to market and bought seedless grapes and ate. Do you know in which () process those seedless grapes are produced?
a) Parthenogenesis b) Fission c) Budding d) Regeneration
- 12) Do you know which organisms develop, through parthenogenesis, monoploid organisms develop into male, diploid organisms develop into female? ()
a) Bee b) Ants c) Wasps d) All the above.
- 13) Through leaves which plants conducts natural propagation? ()
a) Hibiscus b) Neem c) Bryophyllum d) Onion
- 14) The government of India fixed legal marriage age of boys ____ years and girls ____ years. ()
a) 21,18 b) 20,18 c) 21,19 d) 21,20
- 15) In how much time mitosis complete in cells ? ()
a) 30 - 60 mts b) 40 - 60 mts c) 40 -50 mts d) 50 - 60 mts
- 16) "Cells arise from the pre- existing cells" theory was proposed by which scientist ? ()
a) Robert Remak b) Virchow c) a & b d) None of the two
- 17) Which scientist published his observation on the cell division, based on his observations of embryos?
a) Virchow b) Robert Remak c) Walther Fleming d) Wilhelm Roux ()

ANSWERS : 1) a 2) c 3) b 4) d 5) d 6) c 7) d 8) d 9) c 10) d 11) a 12) d 13) c 14) a 15) b 16) b 17) b

1 MARK QUESTIONS

- 1) What is Reproduction ?
Ans) It is a life process in plants and animals for continuation of life by the production of their off springs.
- 2) What is asexual reproduction?
Ans) The modes of reproduction involving a single parent, without involving gametes is called asexual reproduction.
- 3) Do you know in how many ways asexual reproduction takes place?
Ans Yes I know. Asexual reproduction takes place in these ways:
1) Fission 2) Budding 3) Fragmentation 4) Parthenogenesis 5) Regeneration.
- 4) What is parthenogenesis?
Ans) This is a process of reproduction where there is a shift from sexual to asexual mode of reproduction.

5) Can you mention how many types of vegetative propagation is there?

Ans) Vegetative propagation is mainly two types

1) Natural propagation 2) Artificial propagation.

6) Through which parts of the plants take place the natural propagation?

Ans) Natural propagation in plants take place through the parts of the leaves, stems and roots.

7) In how many ways that artificial propagation take place in plants ?

Ans) Artificial propagation takes place in plants through 1) Cutting 2) Layering 3) Grafting
4) Spore formation 5) Sporophyll.

8) Do you know how many types of fission is there ?

Ans) Yes I know . 1) binary fission 2) multiple fission.

9) Mention the organisms that perform fission.

Ans) Amoeba, Paramecium, Bacteria.

10) Do you know the organism that conducts budding?

Ans) Yes I know. Yeast, Hydra.

11) In stems how many types of natural propagation take place?

Ans) Through runners, stolons, bulbs, corms, tubers natural propagation in stems take place.

12) Through roots in which plants natural propagation take place?

Ans) In dahlia, radish, carrot, roots grow as new plants.

13) AIDS elaborate the letters.

Ans) Acquired Immuno Deficiency Syndrome.

14) When do we conduct world AIDS day ?

Ans) December 1st.

15) Which virus is responsible for AIDS disease ?

Ans) HIV virus.

16) Expand STD ?

Ans) Sexually Transmitted Diseases.

17) Who discovered the structure of DNA ?

Ans) James Watson and Francis Crick.

18) Do you know the plants having unisexual flowers ?

Ans) Bottle Gourd, Papaya.

19) Can you name the mould that grow on bread ?

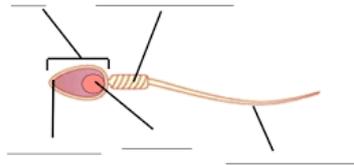
Ans) Rhizopus.

20) What is the age of the men start producing sperms ?

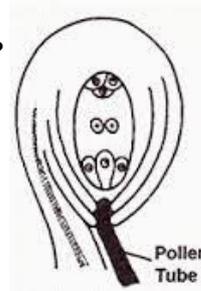
Ans) About 13 or 14 years.

2 MARK QUESTION

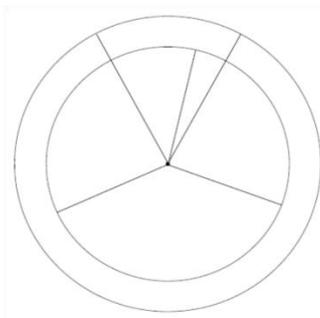
1) Can you identify this cell and label the parts ?



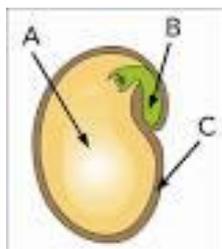
2) Can you identify this diagram and label the parts ?



3) Recognize the stages in CELL CYCLE given here under



4) You have opened the soaked groundnut seed into two pieces. can you recognize the parts?



5) Can you identify this symbol ? what for we use it ?



4 MARK QUESTIONS

- 1) Draw the diagram of male reproductive system and label its parts.
- 2) Draw the diagram of sperm cell and label its parts.
- 3) Draw the diagram of Female reproductive system and label its parts.
- 4) Draw the diagram of baby shortly before birth and label its parts .
- 5) Draw the diagram of L.s. of flower and label its parts.
- 6) Draw the diagram of male flower and label its parts.
- 7) Draw the diagram of female flower and label its parts.
- 8) Draw the diagram of pollen grain and label its parts.
- 9) Draw the diagram of the structure of ovule and label its parts.
- 10) Draw the diagram of the fertilization in plants and label its parts.
- 11) Draw the diagram of the life cycle of the flowering plants and label its parts.
- 12) Draw the flow chart of the life cycle of the flowering plants.
- 13) Draw the flow chart relating to Mitosis and meiosis.
- 14) Draw the diagrams of different phases of mitosis.
- 15) Draw the diagram of different phases of meiosis.
- 16) Explain about different phases in mitosis.
- 17) Write about Meiosis.
- 18) Write the differences between Mitosis and Meiosis.
- 19) Explain birth control methods.
- 20) Explain how human embryo develops in the womb of the mother.
- 21) Do you have RED RIBBON club in your school ? Can u explain the activities of it ?