

DPP

DAILY PRACTICE PROBLEMS

Class : XIIth
Date :

Subject : BIOLOGY
DPP No. : 6

Topic :- Reproduction in Organisms

1. In which pair both the plants can be vegetatively propagated by leaf pieces?

a) <i>Bryophyllum</i> and <i>Kalanchoe</i>	b) <i>Chrysanthemum</i> and <i>Agave</i>
c) <i>Agave</i> and <i>Kalanchoe</i>	d) <i>Asparagus</i> and <i>Bryophyllum</i>

2. Which is not a method of vegetative propagation?

a) Micropropagation	b) Sowing	c) Budding	d) Layering
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3. Micropropagation is a technique for the production of

a) New plant	b) Haploid plants	c) Hybrid variety	d) Somaclonal plants
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4. Largest bird is:

a) Emu	b) Penguin	c) Kiwi	d) Ostrich
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5. Diploid zygote is universal in

a) All sexually reproducing organisms	b) All asexually reproducing organisms	c) All sexually and asexually reproducing organisms	d) All plants and animals
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6. The condition in which male and female parts present on the different plant, is called

a) Heterothallic	b) Dioecious	c) Unisexual	d) All of these
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7. Cell division is the mode of reproduction in

a) Monera	b) Protista	c) Both (a) and (b)	d) Plants
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8. Man is:

a) Unisexual	b) Bisexual	c) Hermaphroditic	d) Protogynous
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9. Events in the sexual reproduction
 - I. Pre-fertilisation
 - II. Fertilisation
 - III. Post-fertilisation
 The sequential order of their occurrence is

a) I→III→II	b) II→I→III	c) III→II→I	d) I→II→III
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10. Asexual reproduction is carried out by:
a) Single parent
b) Without fusion of gametes
c) With or without formation of gametes
d) All of above
11. The living organisms can be unexceptionally distinguished from the non-living things on the basis of their ability for:
a) Interaction with environment and progressive evolution
b) Reproduction
c) Growth and movement
d) Responsive to touch
12. Fusion of male and female gametes is called
a) Syngamy
b) Fertilization
c) Both (a) and (b)
d) Heterogamy
13. Meiosis takes place in:
a) Conidia
b) Gemmule
c) Megaspore
d) Meiocyte
14. Which one is female gametophyte?
a) Embryo
b) Embryo sac
c) Endosperm
d) Synergid
15. Callus is a
a) Organized mass of the cell
b) Differentiated mass of the cell
c) Dedifferentiated mass of the cell
d) Undifferentiated mass of the cell
16. The technique of obtaining large number of plantlets by tissue culture method is called
a) Plantlet culture
b) Organ culture
c) Micropropagation
d) Macropropagation
17. Stem cuttings are employed in the propagation of:
a) Banana
b) Mango
c) Sugar cane
d) Cotton
18. Embryogenesis is the process of development of
a) Embryo
b) Endosperm
c) Individual
d) Internal organs
19. Which of the following is correct about Neela Kuranji?
a) Last time it was flowered in Sept-Oct.2006
b) Next time it will have flower in Sept-Oct.2018
c) It is found in Kerala, Tamil Nadu and Karnataka
d) All of the above
20. Vegetatively propagated plants:
a) Clone of their parent
b) Show adaptive variations
c) Better fitted for struggle for existence
d) Stoutier than parents