



An irregular mode of reproduction resulting in the development of an embryo without fertilization is called

- Parthenogenesis
- 2. Apogamy
- 3. Sporophytic budding

Select the correct answer using the code given below.

- (a) 1 only
- (b) 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3



Most antibiotics target bacterial parasites interfering with various factors of growth or metabolism such as

- synthesis of cell wall
- 2. bacterial protein synthesis
- 3. synthesis of nuclear membrane
- 4. mitochondrial function

Select the correct answer using the code given below.

- (a) 1, 2 and 3
- (b) 1 and 4
- (c) 2 and 3 only
- (d) 1 and 2 only



Syngamy results in formation of

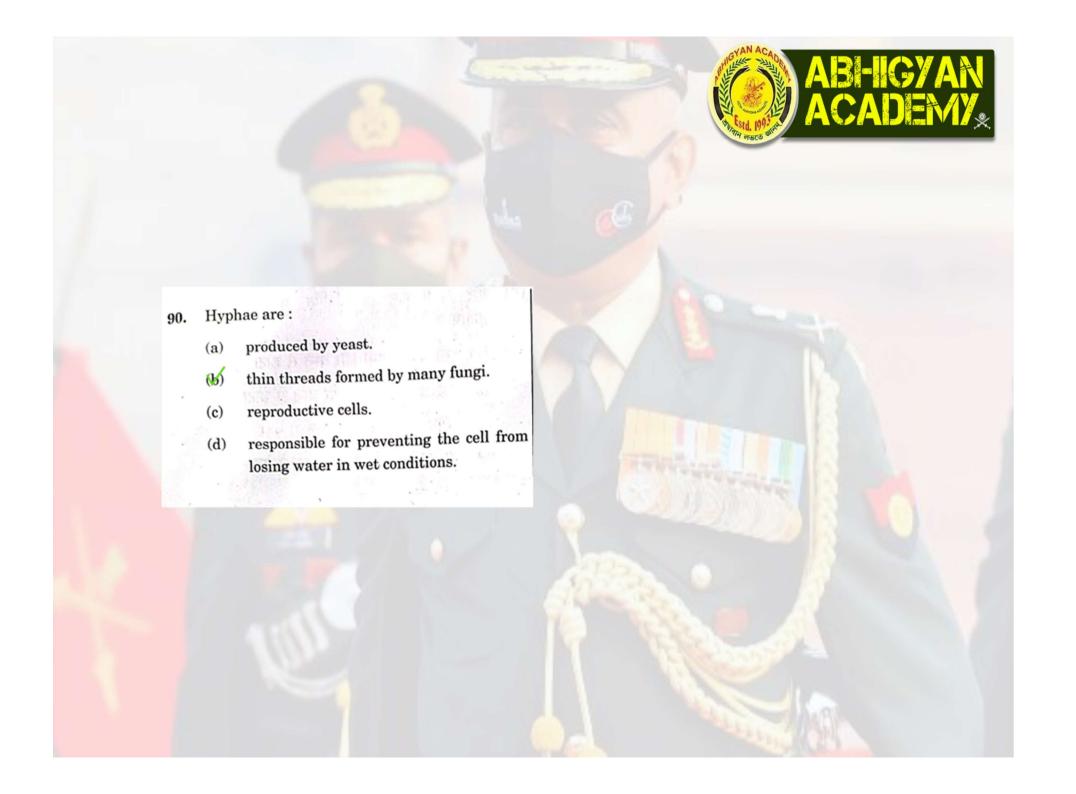
- (a) haploid zygote
- (b) diploid zygote
- (c) non-motile male gametes
- (d) motile male gametes

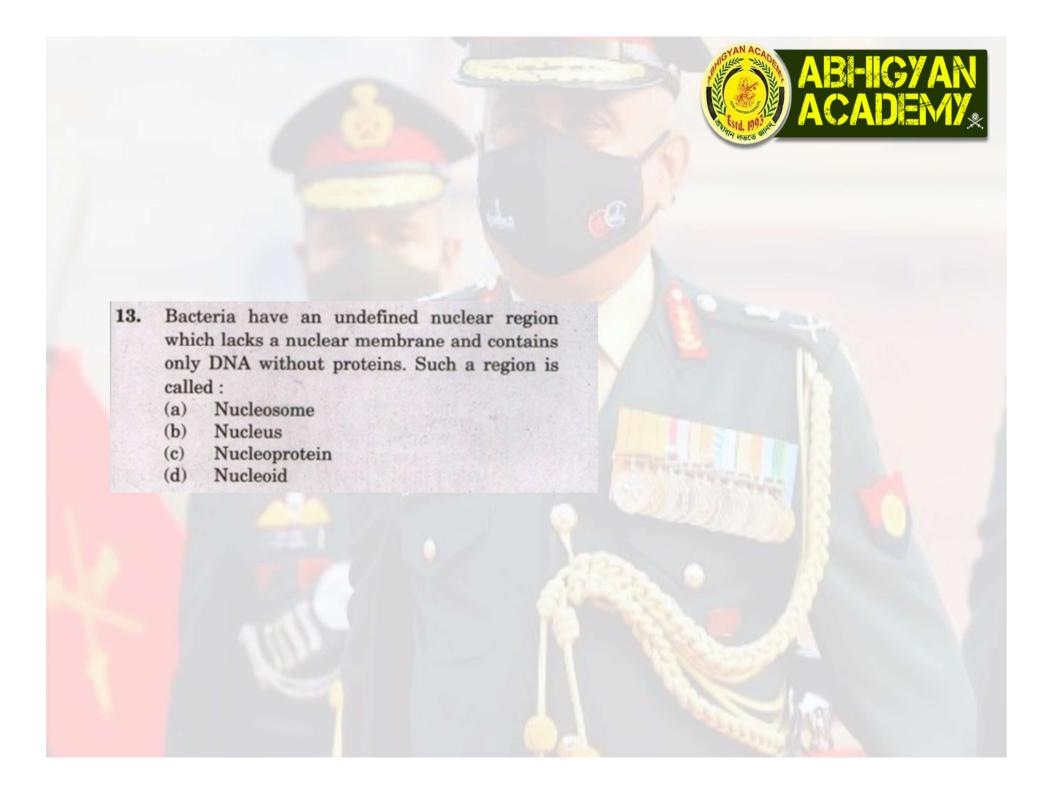
11. The term, Phyllotaxy refers to the pattern of :

- (a) arrangement of leaves.
- (b) branching in stem.
- (c) flower formation on branch.
- (d) arrangement of flowers.

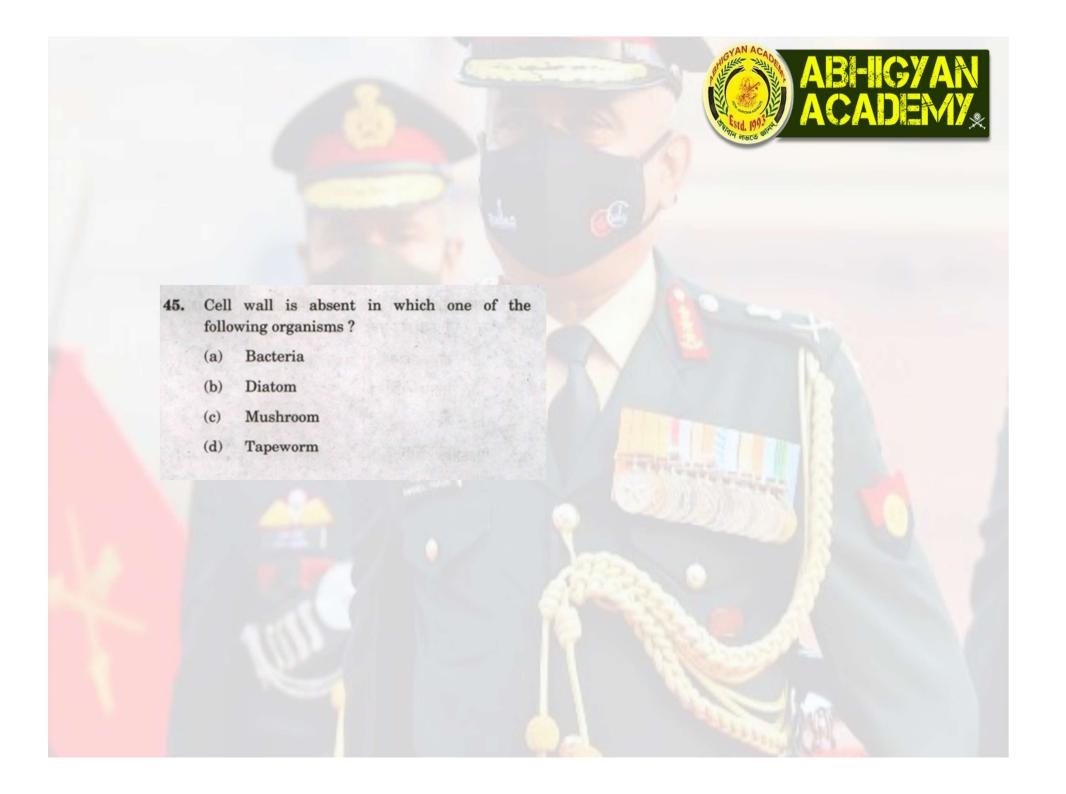


- 14. Which one of the following denotes a 'true' fruit?
 - (a) When only the thalamus of the flower grows and develops into a fruit
 - (b) When only the receptacle of the flower develops into a fruit
 - (c) When fruit originates only from the calyx of a flower
 - (d) When only the ovary of the flower grows into a fruit

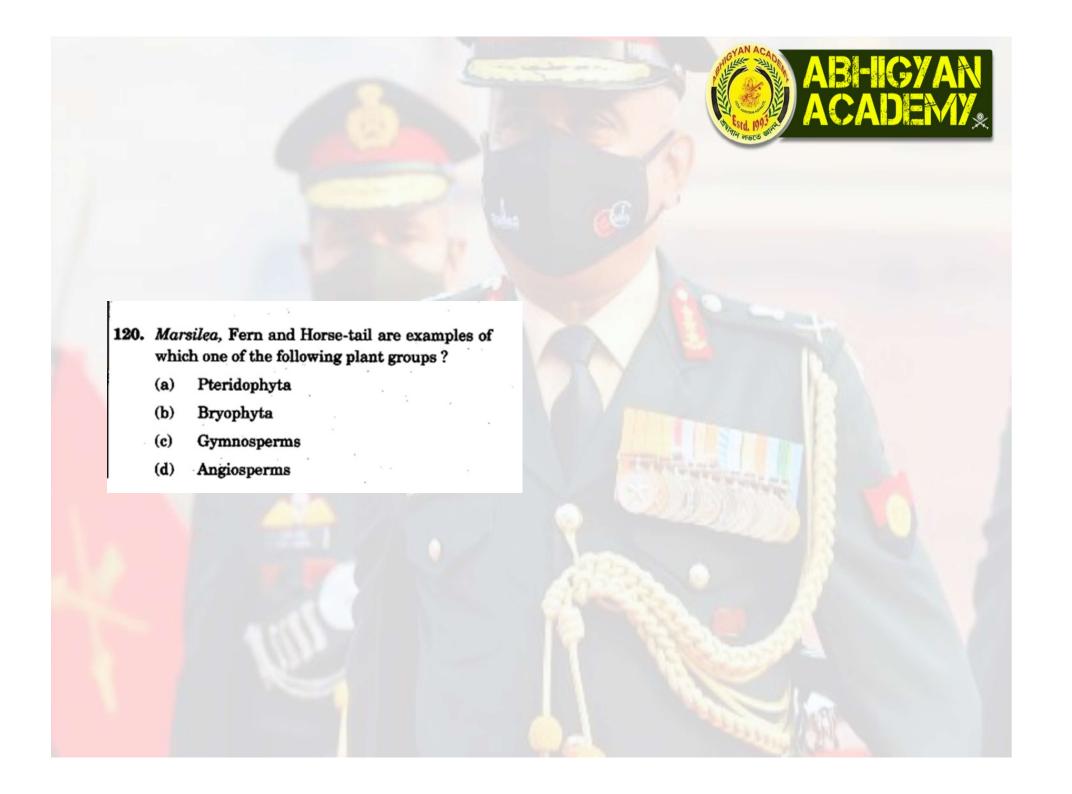






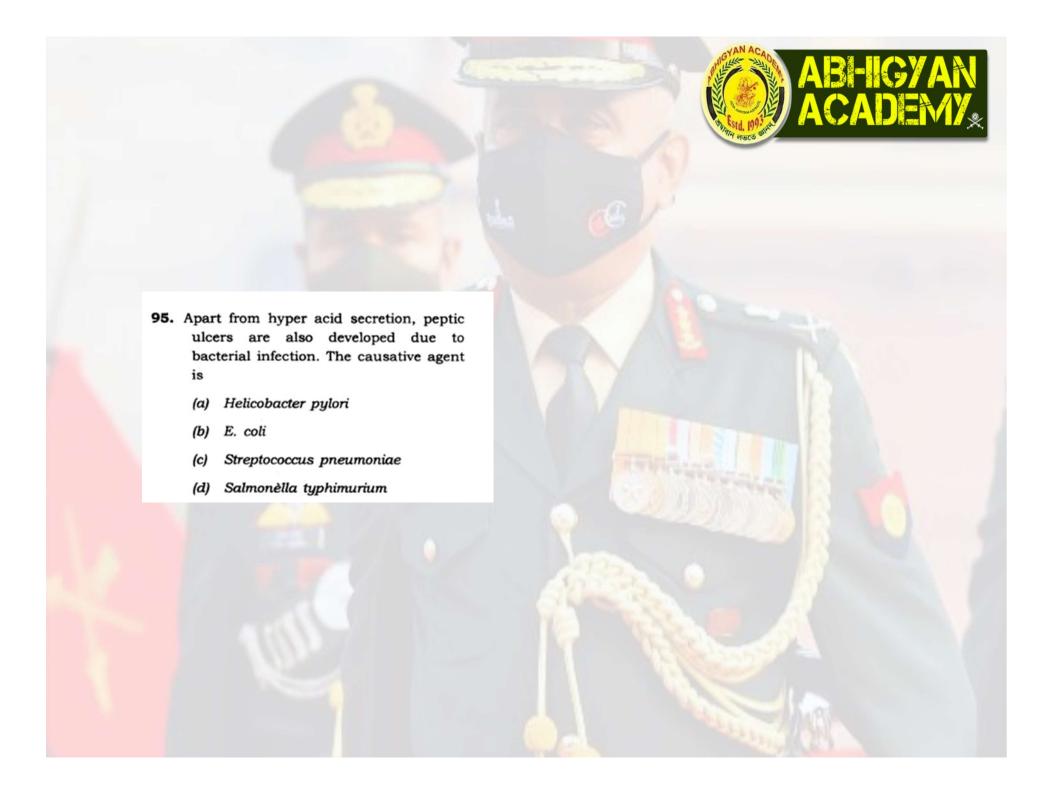














- 16. Which one of the following is the correct sequence of events during sexual reproduction in plants?
 - (a) Seedling, formation of embryo, pollination, fertilization, division of zygote
 - (b) Formation of embryo, seedling, pollination, fertilization, division of zygote
 - (c) Pollination, fertilization, division of zygote, formation of embryo, seedling
 - (d) Seedling, formation of embryo, division of zygote, pollination, fertilization

