

# بسم الرحمن الرحيم

## أسئلة ميد تيرم سابقة في مادة النبات 🌟



اللهم نسألك بأسمك الأكرم  
الذي إذا دُعيت به أجبت  
اللهم أنصر أخواننا في فلسطين  
اللهم وحد صفهم وأجمع كلمتهم على الحق  
اللهم عليك بالصهاينة المعتدين الغاصبين  
اللهم أرنا بهم عجائب قدرتك واشف صدور  
قوم مؤمنين يا ذا الجلال والإكرام

**By : Ahmed Salah 🌟**

**1 Mcq:**

**【1】** Which of the following shapes describes bacteria that are helically curved rods ?

- A. Cocci                      B. bacilli                      C. spirilla                      D. vibrios
- 

**【2】** What is the protein coat that surrounds the viral genetic material called .....

- A. Cell membrane                      B. Capsid  
C. Mitochondria                      D. Cell wall
- 

**【3】** ..... are symbiotic associations found between algae and fungi.

- A. Lichens                      B. Mycorrhizae  
C. Azotobacter                      D. Rhizobium
- 

**【4】** Outside the cell , they behave like inert chemicals are called.....

- A. Fungi                      B. Algae                      C. Virus                      D. Bacteria
- 

**【5】** The turgidity and expansion of plant cells are due to.....

- A. Osmosis                      B. Transpiration  
C. Diffusion                      D. All of them
- 

**【6】** What happened when mice were injected with live S strain ?

- A. The mice died                      B. The mice survived  
C. The R strain transformed into the S strain  
D. Nothing happened
- 

**【7】** Which of the following is an example of a colloidal solution in plants ?

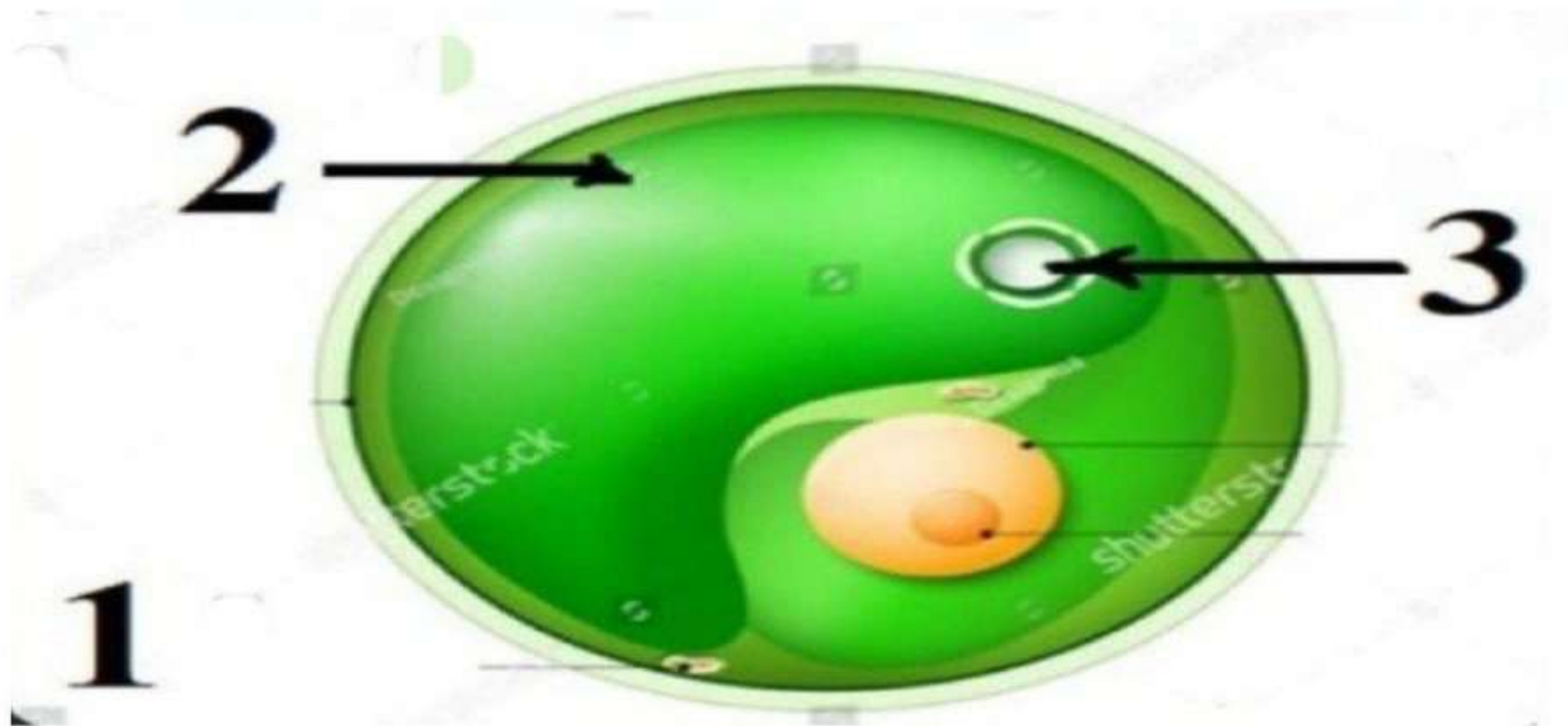
- A. Pure water                      B. Sugar solution  
C. Oil                      D. Cell sap
- 

**【8】** Remove any toxic using the Golgi apparatus . This process is called .....

- A. Osmoregulation                      B. Respiration  
C. Secretion                      D. Nutrition
- 

لا حول ولا قوة الا بالله

**【9】**



What type of organism is shown in the image ?

- A. Multicellular algae
- C. Fungus

- B. Unicellular algae
- D. Bacteria

**【10】** What is the main component of the cell wall of this organism ?

- A. Chitin

- B. Cellulose

- C. Algin

- D. Lignin

**【11】** What is the function of the structure labeled as number “3” in the image ?

- A. Fat storage

- C. Starch storage

- B. Protein production

- D. Water intake regulation

**【12】** What is the shape of the chloroplast in this organism ?

- A. Spiral

- C. Star - shaped

- B. Cup - shaped

- D. Plate - like

**【13】** What is the shape of viruses with icosahedral symmetry ?

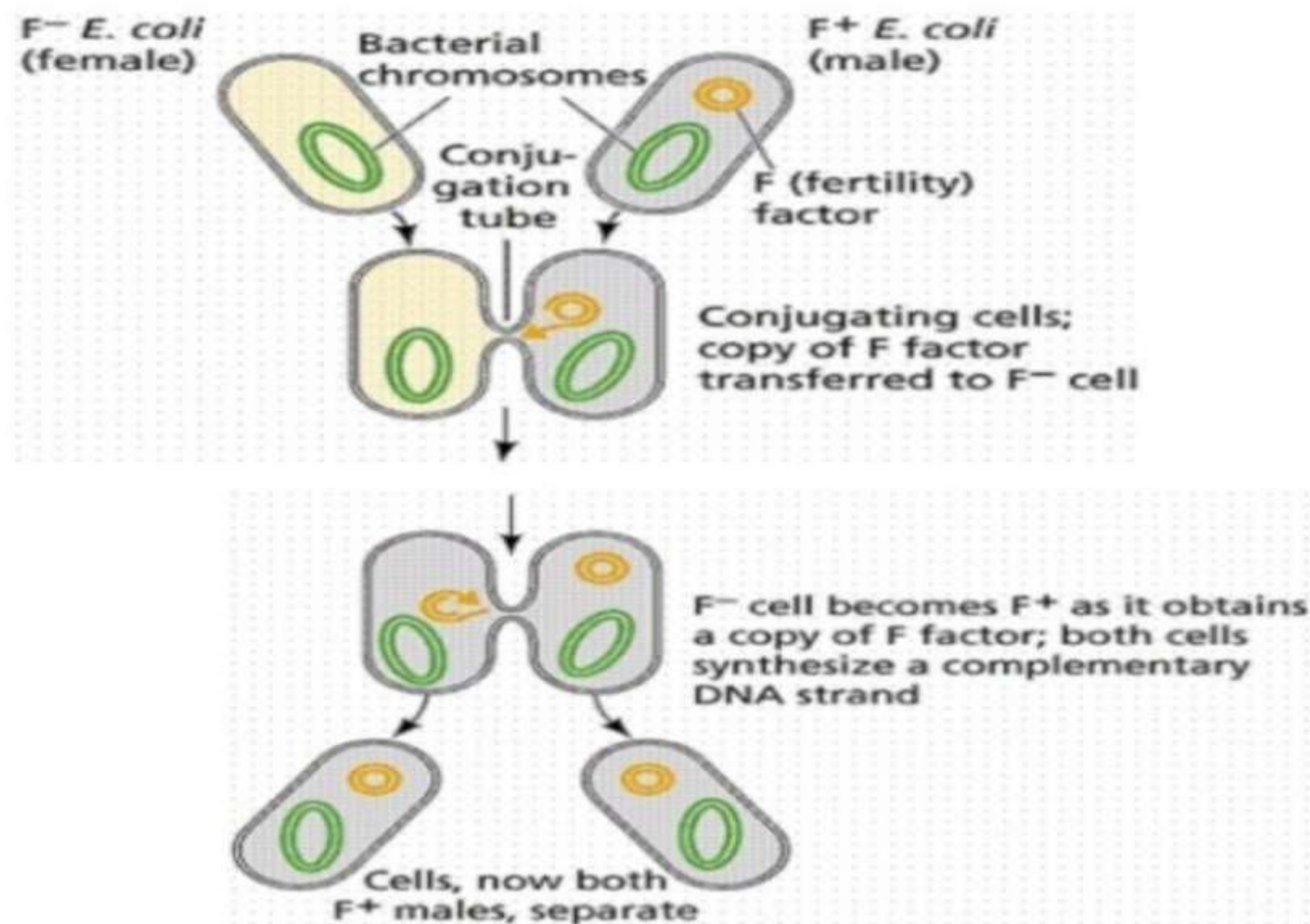
- A. Rod - shaped

- B. Spherical

- C. Helical

- D. Complex

**【14】**



- in the bacterial conjugation process illustrated in the diagram, What structure allows the donor cell to attach to the recipient cell ?
  - A. Bacterial chromosome
  - B. Fertility factor
  - C. Pili
  - D. Conjunction tube

**【15】** After the completion of the conjugation process shown in the diagram, What is the status of the resulting cells regarding the F ( fertility ) factor ?

- A. One cell will remain F<sup>+</sup> and the other F<sup>-</sup>
- B. Both cells will become F<sup>-</sup>
- C. One cell become F<sup>+</sup> and the other will contain a part of the F factor
- D. Both cells will become F<sup>+</sup>

**【16】** Which of the following processes is not considered a method for gene recombination in bacteria ?

- A. Conjugation
  - B. Transformation
  - C. Typical sexual reproduction involving gamete fusion
  - D. Transduction
-

## 2 True or False:

- 【17】 Diatoms reproduce by formation of auxospores .
- 【18】 In algae, fusion between two similar gametes is called Oogamy .
- 【19】 The hydrophilic colloids are easily precipitated than hydrophobic colloids.
- 【20】 The rate of diffusion is inversely proportional with the difference between the two concentrations and directly proportional with the distance between them .
- 【21】 The measure of the energy state of water is called water potential.
- 【22】 Phaeophyceae is called brown algae.
- 【23】 plants have chlorophyll : a and b
- 【24】 Capsid is the protein shell , which encloses the nucleic acid .
- 【25】 Electrophoresis is the movement of colloidal particles under the influence of electricity.

صلي علي النبي

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