

Sinh hoc Bang Tieng Anh: Thuat ngu và Khái niem

Sinh Hoc · Answer Key · 24 Questions

1. What is the English term for 'Tinh bot'?

- A) Starch**
- B) Sugar
- C) Protein
- D) Lipid

2. The English term for 'Công thuc hóa hoc' is:

- A) Chemical reaction
- B) Chemical formula**
- C) Molecular structure
- D) Chemical bond

3. What does 'Condensation' mean in Vietnamese?

- A) Phân huy
- B) Ngung tu**
- C) Hòa tan
- D) Bay hơi

4. Which term describes something that 'avoids water'?

- A) Hydrophilic
- B) Hydrophobic**
- C) Amphipathic
- D) Polar

5. What is the Vietnamese translation for 'Saturated fat'?

- A) Chat béo không bão hòa
- B) Chat béo bão hòa**
- C) Dầu thực vat
- D) Mo dong vat

6. The functional group '-NH₂' is known as the:

- A) Hydroxyl group
- B) Carboxylic acid group
- C) Amine group**
- D) Phosphate group

7. What is a 'Peptide bond' in Vietnamese?

- A) Liên ket hydro
- B) Liên ket cong hóa tri

C) Liên ket peptide

- D) Liên ket ion

8. The 'Primary structure' of a protein refers to its:

- A) 3D folding

B) Amino acid sequence

- C) Quaternary arrangement
- D) Secondary folding pattern

9. What is a 'Tissue' in Vietnamese?

- A) Te bào
- B) Co quan

C) Mô

- D) He thong

10. Proteins that bind to specific molecules to initiate or modulate a cellular response are called:

- A) Signalling proteins
- B) Enzymes
- C) Structural proteins

D) Receptor proteins

11. What is the English term for 'Cap nucleotide'?

A) Base pair (bp)

- B) Sugar-phosphate backbone
- C) Gene segment
- D) DNA strand

12. A 'Hydrogen bond' is represented by which Vietnamese term?

- A) Liên ket cong hóa tri
- B) Liên ket ion

C) Liên ket hydro

- D) Liên ket peptide

13. Genetic information is also known as:

- A) Epigenetic information

B) Hereditary information

- C) Metabolic information
- D) Cellular information

14. What is a 'Eukaryotic cell' in Vietnamese?

- A) Tế bào nhân sơ
- B) Tế bào nhân thực**
- C) Tế bào động vật
- D) Tế bào thực vật

15. The term 'Prokaryotic cell' translates to:

- A) Tế bào nhân thực
- B) Tế bào nhân sơ**
- C) Tế bào đơn giản
- D) Tế bào phức tạp

16. What is the function of 'Mitochondria'?

- A) Photosynthesis
- B) Protein synthesis
- C) Cellular respiration and energy production**
- D) Waste removal

17. The 'Cytoplasm' is also known as:

- A) Nucleus
- B) Cell wall
- C) Cell sap
- D) Tế bào chất**

18. What is the Vietnamese term for 'Chloroplast'?

- A) Ty thể
- B) Lục lạp**
- C) Bào quan
- D) Nhân tế bào

19. The process of 'Photosynthesis' converts light energy into:

- A) Heat energy
- B) Mechanical energy
- C) Chemical energy**
- D) Electrical energy

20. What is the primary role of 'Chlorophyll'?

- A) Energy storage
- B) Light absorption for photosynthesis**
- C) Water transport
- D) Cell wall synthesis

21. The 'Endoplasmic reticulum' is involved in:

A) Cell division

B) Protein and lipid synthesis

C) Waste digestion

D) DNA replication

22. What is a 'Vacuole' in Vietnamese?

A) Chat nen ty the

B) Không bào

C) Màng sinh chất

D) Lysosome

23. The process of breaking down molecules using water is called:

A) Condensation

B) Hydrolysis

C) Oxidation

D) Reduction

24. What is 'Passive transport'?

A) Movement requiring energy

B) Movement against the concentration gradient

C) Movement down the concentration gradient without energy

D) Movement of large molecules