

2) transportation of non-polar molecules through plasma lemma occurs _____, while polar molecules moves _____

- A) through channel, through cell membrane directly
- B) through cell membrane directly, through channel

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B

5) The method of transport in which two molecules move in the same direction:

23

- A) Antiport
- B) Symport
- C) Osmosis
- D) Facilitated diffusion
- E) Simple diffusion

B

7) The part that is involved in absorption in kidneys and intestines:

↳

A) Cilia

B) Flagella

C) Microvilli

C

23) Which of these matching is correct?

Facilitated diffusion → polar molecules

L3



3. Which of the following aren't embedded into lipid bilayer?

✓3


A) peripheral protein

B) integral protein

C) lipids

Answer:A

✓✓

16-what of these are false about glycocalyx? 

=exist in cytoplasmic side

7) which of the following is CORRECTLY matched? L3

a channel proteins are part for new protein synthetization

b single pass transmembranous proteins- span the lipid bilayer once

c marker molecules are primarily steroids

d receptor molecules-attach to cholesterol molecules

e perrephral proteinspenetrate the lipid Dilaver from one surface to the other



17-pinocytosis? L3

-transport fluid in endocytosis

18-regulated secretion? L3

=stimulus-depented exocytosis

19-fluid mosaic model?

=integral protein floating like iceberg in sea

20-what of these are true about integral protein? L3

=ناسي الجواب...

21-cholesterol? L3

=control fluidity

10) The largest percentages of molecules that make up the cell membrane are

13

a carbohydrates, nucleic acids, and proteins

carbohydrates, water and nucleic acids

phospholipids, cholesterol and proteins nucleic acids, amino acids and fatty acids water carbohydrates and cholesterol

x

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14) in which ways are facilitated diffusion and simple diffusion similar. Both

- a require energy
- b require protein carriers
- c move substances from low to high concentration
- d move substances from high to low concentration
- e require protein channels

answer: d

22) All of the following processes can move substances inside the cell EXCEPT

a Exocytosis

b Simple diffusion

c Active transport

d Phagocytosis

e Antiport system

answer = c

29) Bulk transport includes all of the following EXCEPT?

13

a Antipor transport

b Phagocytosis

c Pinocytosis

d Exocytosis

e Receptor-Mediated Endocytosis

3

36) If a carrier protein were to move both hydrogen and chloride ions from the inside of a cell to the extracellular fluid, and consume ATP in the process. It would be considered a:

a Symport system

b **antiport system**

active transport

c Facilitated diffusion system

النقل النشط والجرادة
النقل الثانوي
ATP موجود
يكون نقله
Symport
active transport
secondary

34) The sodium-potassium pump located in the plasma membrane :

23

- a passively moves potassium outside cells
- b osmotically moves sodium into cells
- c actively moves sodium outside cells
- d moves chlonne out of cells
- e passively moves sodium into cells

45) One of the following is INCORRECT about peripheral plasma membrane proteins?

13

a They are attached to the exterior of the lipid bilayer

b They form 20-30% of plasma membrane proteins

c They do not span the plasma membrane

d They are attached non-covalently to proteins that span the membrane @
They may be single-pass or multi-pass transmembrane proteins

47) One of the following is CORRECTLY matched?

a Passive diffusion..... hydrophilic molecules

b hydrophobic moleculesFacilitated diffusion Passive diffusion

c amino acidsFacilitated diffusion polar molecules

e Passive diffusiontransport proteins

50) Which of these statements about facilitated diffusion is TRUE?

13

a In facilitated diffusion movement against the concentration gradient

b Facilitated diffusion requires the expenditure of energy

c Facilitated diffusion does not require a carrier protein NB Facilitated diffusion moves materials through membrane channels

d Facilitated diffusion move materials in vesicles

paracrine

6. peripheral proteins are located? ↪

on the extracellular side only

on the cytoplasmic side only

mainly on the cytoplasmic side ↪

9. which about cell membrane is wrong? L3 29.

molecular bilayer

fluid sheet like arranged in structure

the answer is maybe the 2nd choice Im not sure

22. All of the following are function of glycocalyx except? **63**

Protection

Adhesion

Receptor

Lipid synthesis



15- What the differance between cillia & flagella? 

A- length & number

B-length & width

C- Width & number

D-None of the above

Answer : a 

19- Which of these organelles responsible for absorption in kidney and intestine ? 43


A- flagella

B- microvilli

C- cilia

Answer : b

4-The way in which the two materials move together in the same direction : 

Answer : symport 

9-Which of these matching is correct : *L3*

A-Facilitated diffusion-non polar molecules

B-Facilitated diffusion-polar molecules C-Difficult
diffusion-polar molecules D-Difficult diffusion-non
polar molecules

Answer : B

30-What is the transport that doesn't move things out : ✓3

A-Exocytosis

B-Phagocytosis

C-antiport transport

D-symport transport

Answer : (B)

✓3