- 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

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

direction:

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

В

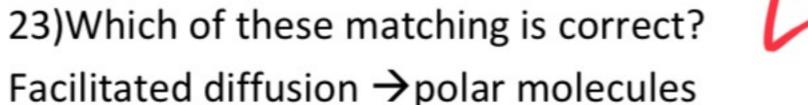
- C) Microvilli

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

A) Cilia

B) Flagella

23)Which of these matching is correct?



3. Which of the following aren't embedded into lipid biliary? A) peripheral proten 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?

0 a channel proteins are part for new protein synthetization

O b single pass transmembranous proteins- span the lipid bilayer once

0 c marker molecules are primarily steroids

0 d receptor molecules-attach to cholesterol molecules

<u>0 e perephral prot</u>einspenetrate the lipid Dilaver <u>from</u> one surfa<u>ce</u> to the other

17-pinocytosis?

-transport fluid in endocytosis

18-regulated secretion? 13

=stimulus-depented exocytosis

19-fluid mosaic model? ¶, ...

≠integral/protein floating like icoberg in sea
20-what of these are true about integral protein?

2

...ناسي الجواب=

21-cholestrol? 13

=control fluidity

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

O a carbohydrates, nucleic acids, and proteins

O carbohydrates, water and nucleic acids

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

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

O a require energy

O b require protein carriers

O move substances from low to high concentration

O d move substances from high to low concentration

0 e require protein channels



answered

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

O a Exocytosis

O b Simple diffusion

O E Active transport

O d Phagocytosis

O e Antiport system

answer? E

29)Bulk transport includes all of the following EXCEPT?

0 a Antipor transport

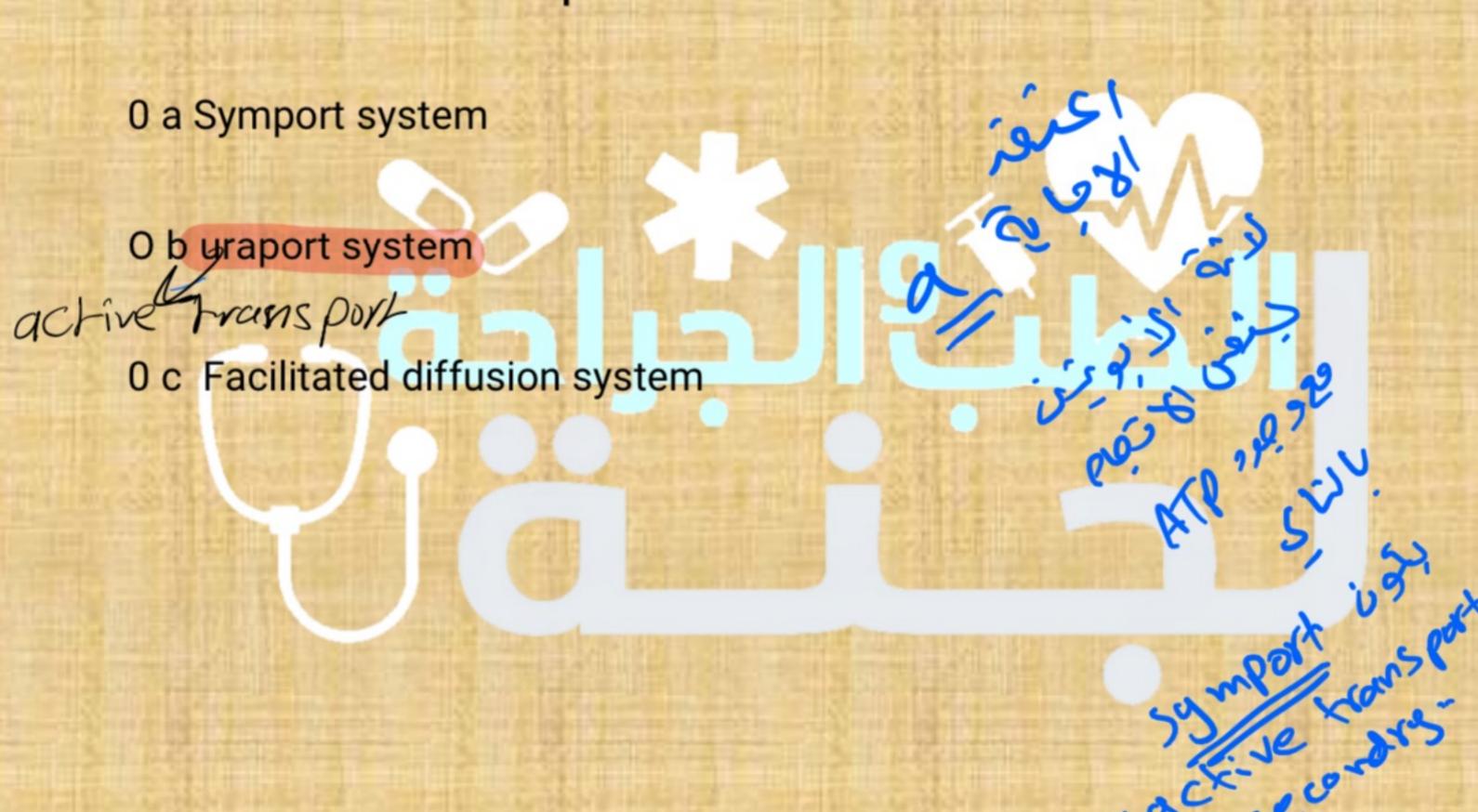
0 b Phagocytosis

0 c Pinocytosis

0 d Exocytosis

O e Receptor-Mediated Endocytosis

36) It a ca<u>rrier protein were</u> to move both hydrogen and chlonde ions from the inside of a cell to the extracellular fluid, and consume ATP in the process. It wouló be considered a:



34) The sodium-potassium pump located in the plasma *m*embrane :

13

O a passively moves potassium outside cells

O b osmotically moves sodium into cells

0 c activ*ely move*s sodium outside cells

O d moves chlonne out of cells

O e passively moves sodium into cells

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

13

O a They are attached to the extenor of the lipid bilayer

b They form 20 10 30% of plasma membrane proteins

O c They do not span the plasma membrane

O d They alached non-covalently to proteins that span the membrane @ They may be single-pass or mutu pass transmembrane proteins

47) One of the following is CORRECTLY matched?

O a Passive diffusion..... hydrophilic molecules

O b hydrophobic moleculesFacilitated diffusion Parsive dimusion

O c amino acidsFacitated ditlusion polar molecules

O e Passive diffusiontransport proteins

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

0 a In facilitated duusioruhet movement against the concentration gradient

O b Facilitated diffusion requires the expenditure of energy

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

O d Fatuitated diffusion move malenals in vesicles

pui uci ii c 6.peripheral proteins are located? on the extracellular side only on the cyroplasmic side only mainly on the cytoplasmic side

9.which about cell membrane is wrong? \overline{l} 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? 5

Adhesion

Receptor

Lipid synthesis



B-Sound to Answer: (Ar 29-Products A-BUR B-BUR C-Transless B-BUR of the

15- What the differance between cillia & flagella? 15- A- length & number

B-lenght & width

C- Width & number

D-None of the above Answer: a

19- Which of these organells responsable for absorption in kidney and intestine 23

A- flagella

B- microvilli

C- cillia

Answer: b

4-The way in which the two materials move together in the same $\frac{1}{2}$ direction:

Answer: symport

9-Which of these matching is correct:

Answer: B

A-Facilitaed diffusion-non polar molecules B-Facilitaed diffusion-polar molecules C-Diffcult diffusion-polar molecules D-Diffcult diffusion-non polar molecules

30-What is the transport that doesn't move things out : A-Exocytosis

C-antiport transport
D-symport transport

B-Phagocytosis

Answer: (B)