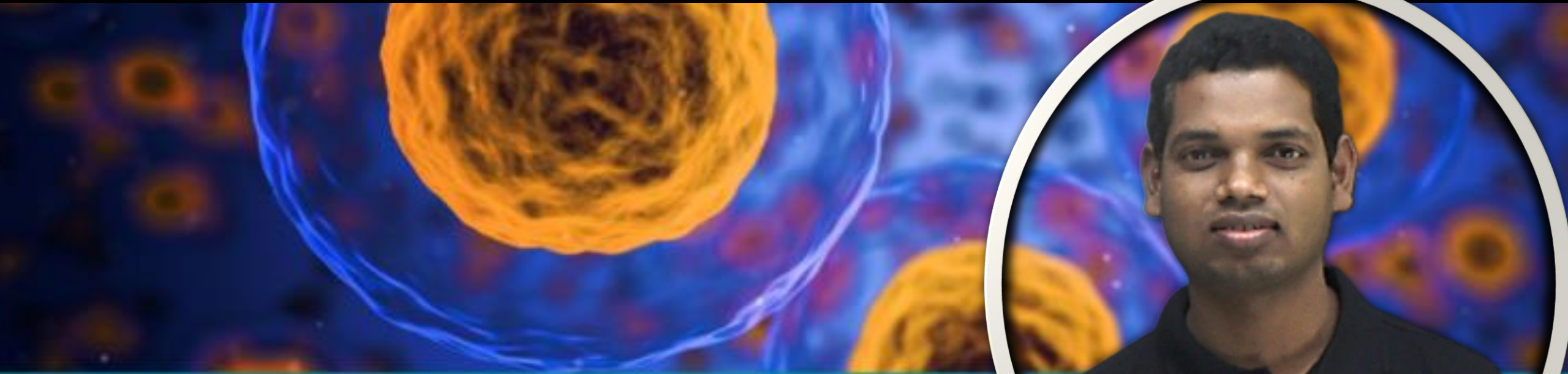




ARJUNA NEET BATCH



CELL THE UNIT OF LIFE

DPP-2

By : Biswajit Sir

Q1. Which of the following is not eukaryotic?

(A) Protists

(B) Fungi

(C) Plants

☒ (D) Bacteria

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5 Kingdoms
 monera \Rightarrow PK
bacteria
 protista
 fungi
 plantae
 Animalia } EK



Q2. Which cell was used for chemical study of plasmambrane?

(A) Human WBC

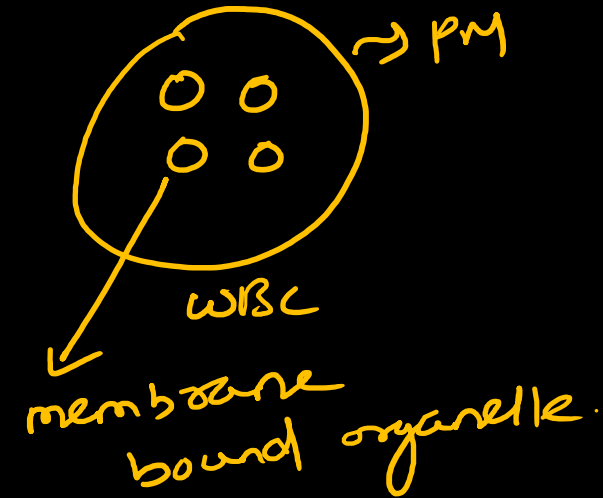
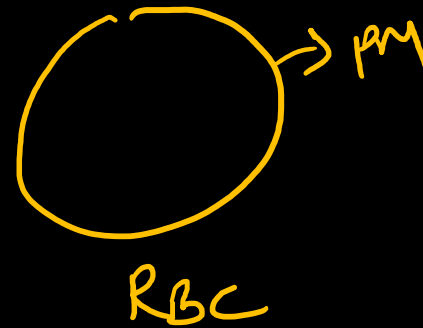
(B) Human cheek cell

(C) Human RBC

(D) None

↳ easily available
• It lacks membrane bound organelles.

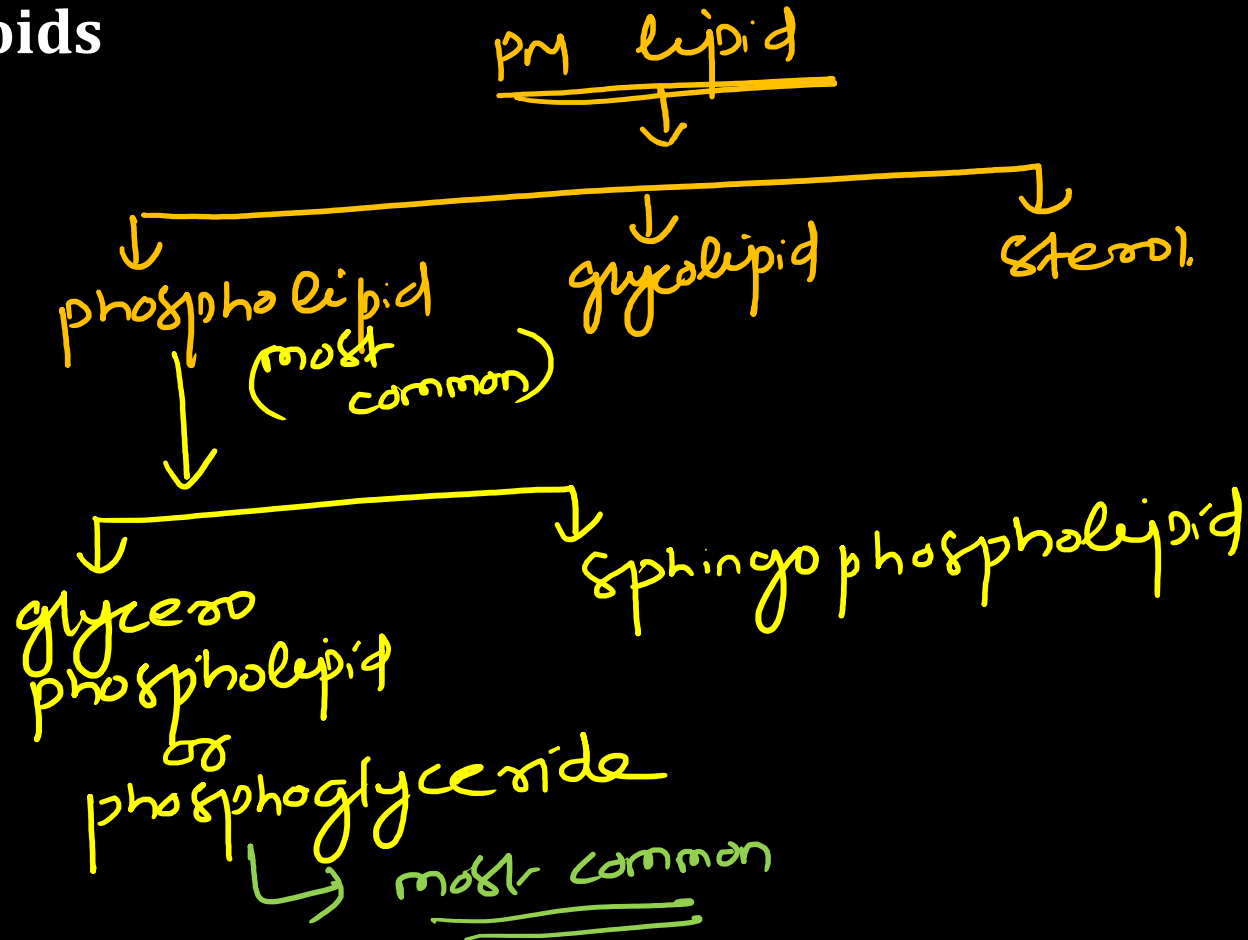
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Q3. Most common lipid in plasmambrane is?

- (A) Cholesterol
- (B) Glycolipid
- ☒ (C) Phosphoglyceride
- (D) Hopanoids

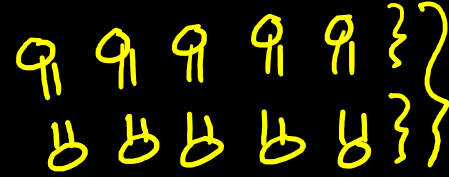
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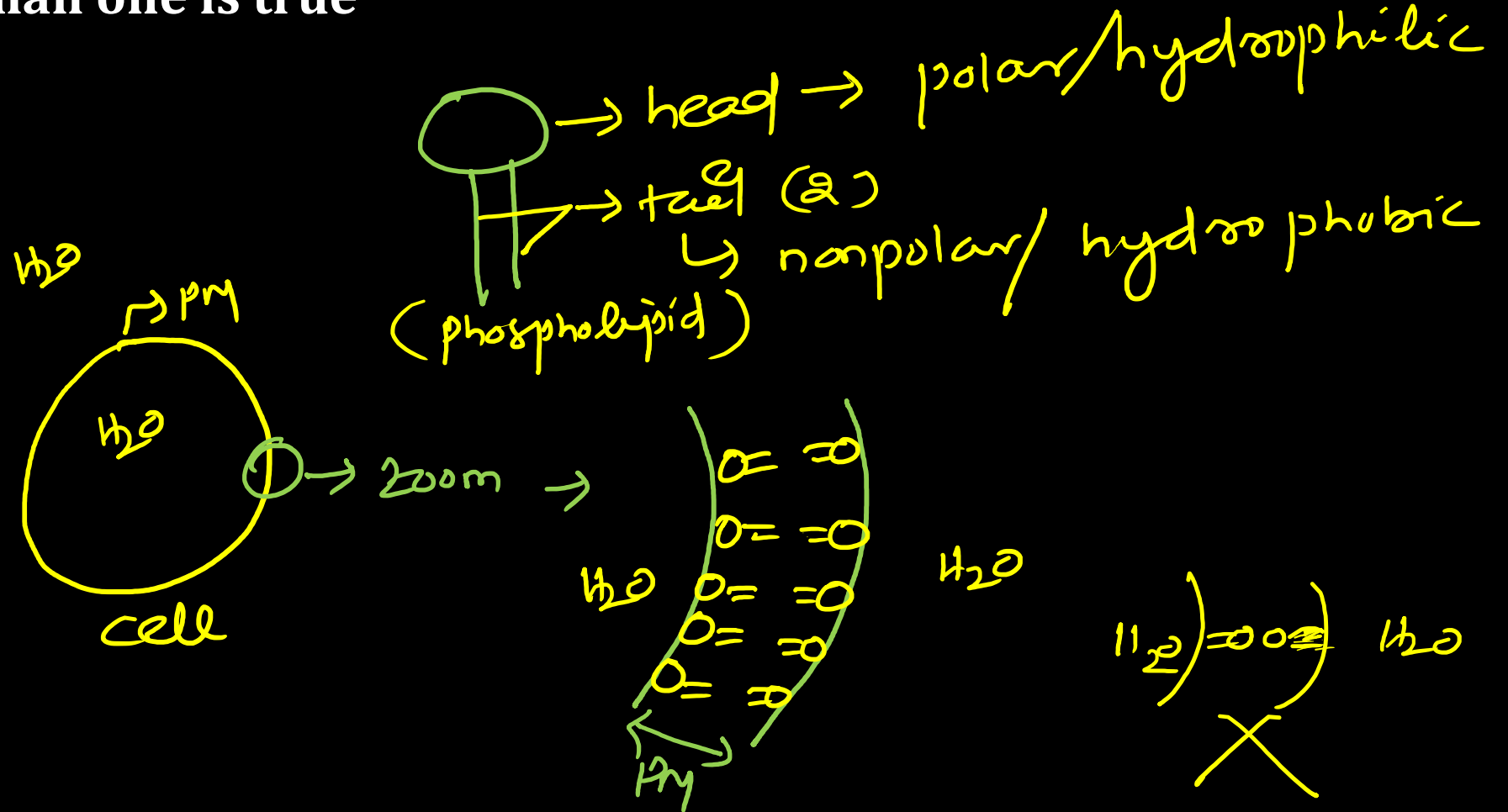


Q4. The tail part of phospholipid in plasmambrane is

- (A) Polar ②
(B) Nonpolar ①
(C) Protected from aqueous environment ①
(D) More than one is true



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Q5. In human RBC the percentage of lipid is

(A) 52

(B) 40

(C) 54

(D) 60

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Human RBC PM

lipid	protein
40%	52%

carbohydrate



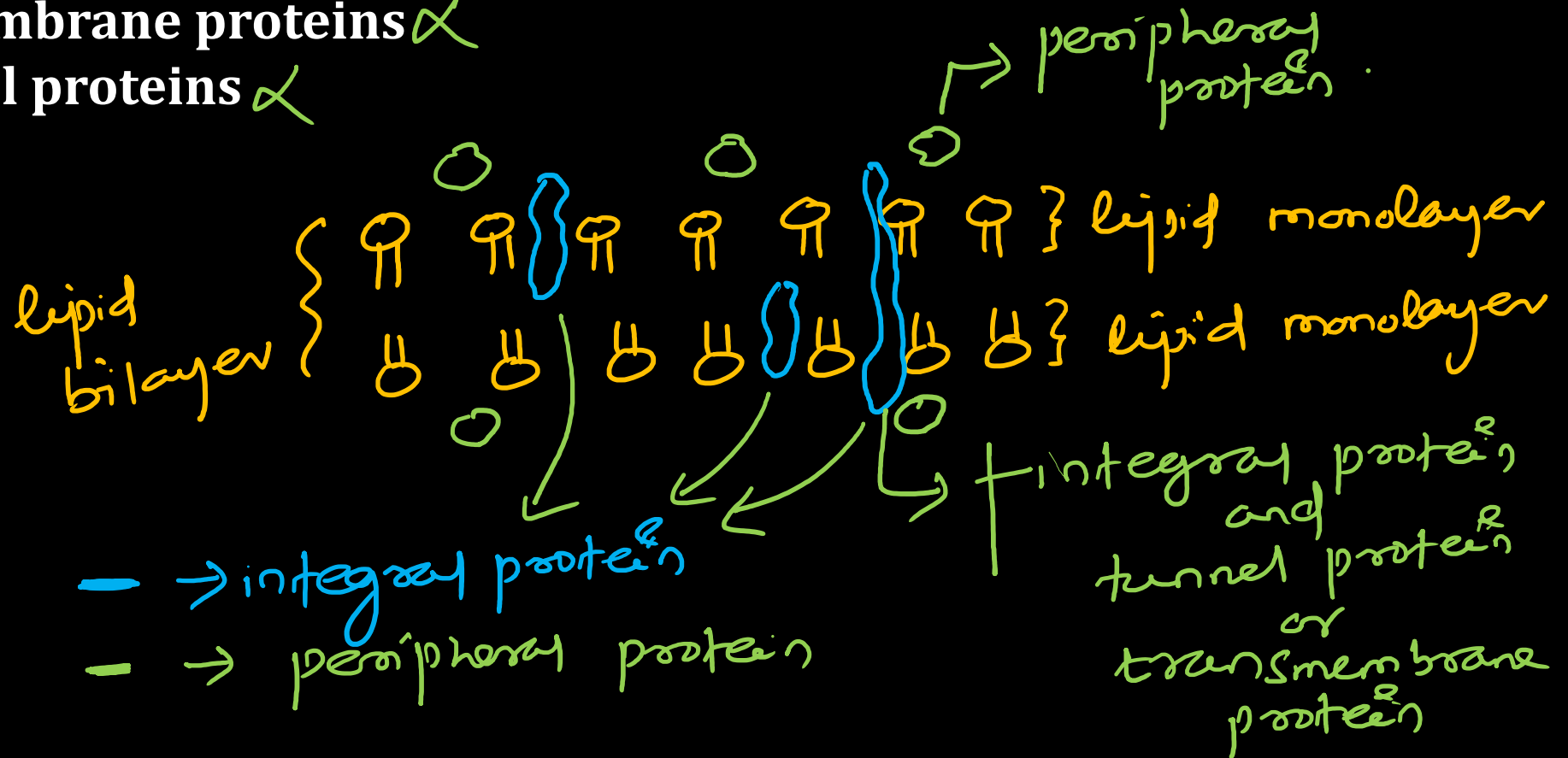
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Q6. Which proteins in plasmambrane are present on surface of membrane?

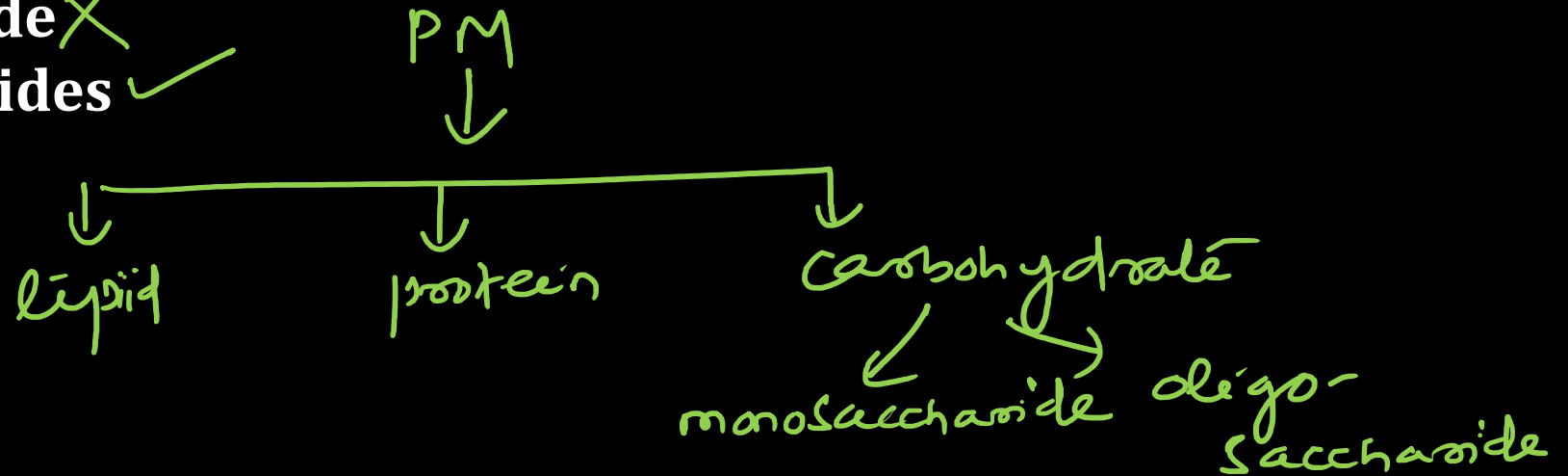
- (A) Integral proteins ✗
- (B) Peripheral proteins ✓
- (C) Transmbrane proteins ✗
- (D) Tunnel proteins ✗

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Q7. Find out the odd one with to plasmambrane chemical composition?

- (A) Lipid ✓
- (B) Protein ✓
- (C) Polysaccharide ✗
- (D) Oligosaccharides ✓

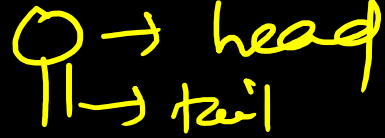


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TIME



Q8. Head of phospholipids are arranged towards..... side of membrane?

- (A) Outer side
- (B) Inner side
- (C) Both outer and inner side
- (D) None

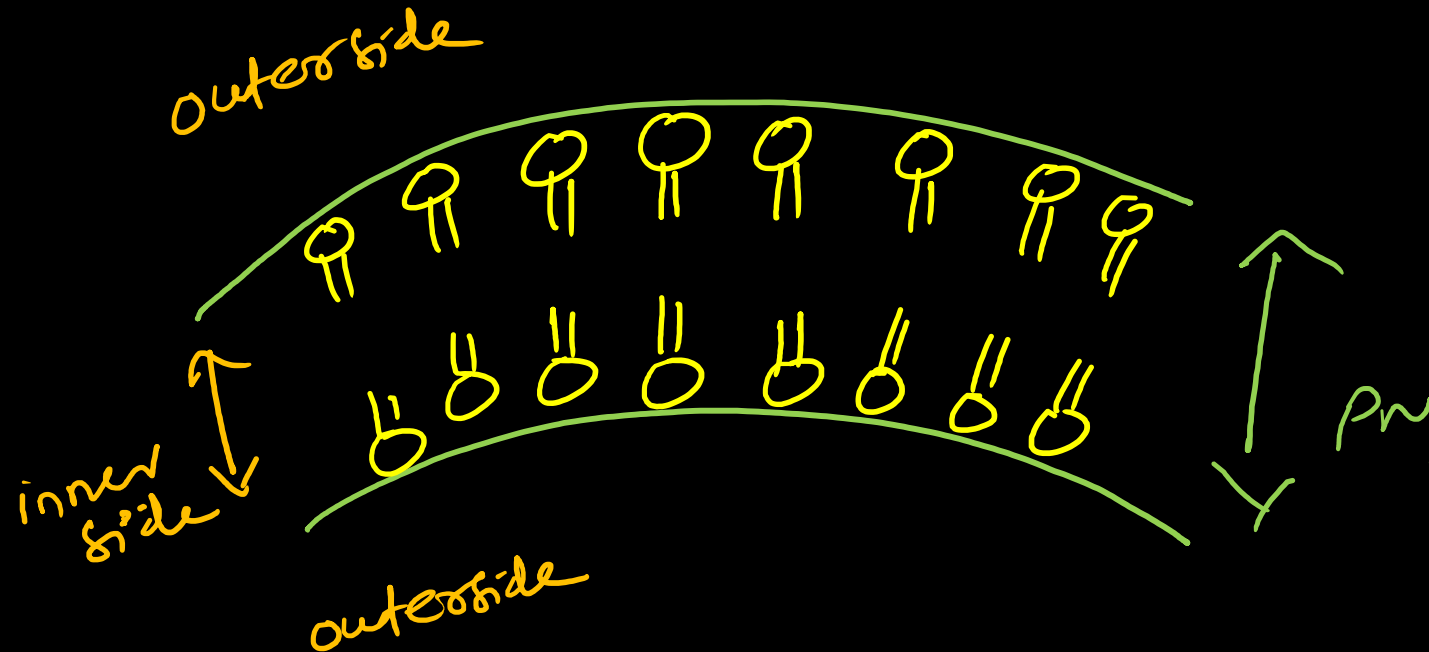


 → head

 → tail

 (phospholipid)

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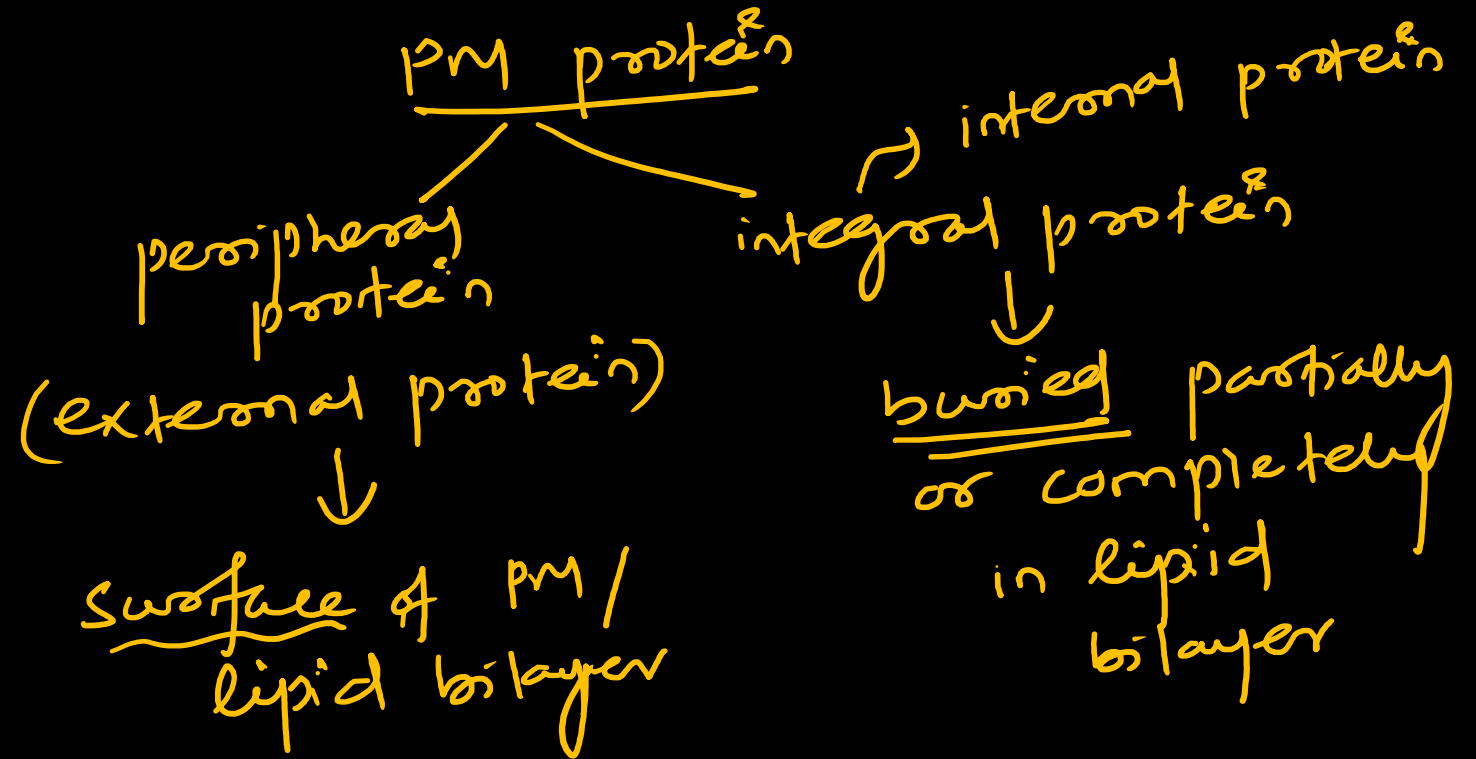




Q9. Which proteins in plasmambrane are buried in lipid bilayer?

- (A) Peripheral proteins
- (B) External proteins
- ☒ (C) Internal proteins
- (D) Both A and B

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Q10. Which of the following are major chemical components of plasmambrane?

- (A) Lipid, carbohydrate
- ☒ (B) Lipid, proteins
- (C) Proteins, carbohydrate
- (D) Lipids, nucleic acid

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PM (human RBC)
↓
(40%) lipid ↑ major components.
(52%) protein ↓
carbohydrate





Thank You वरुणों

