

Multiple Choice Answers

Q15: B

Multiple Choice Answers

Q17: A

Q18: A

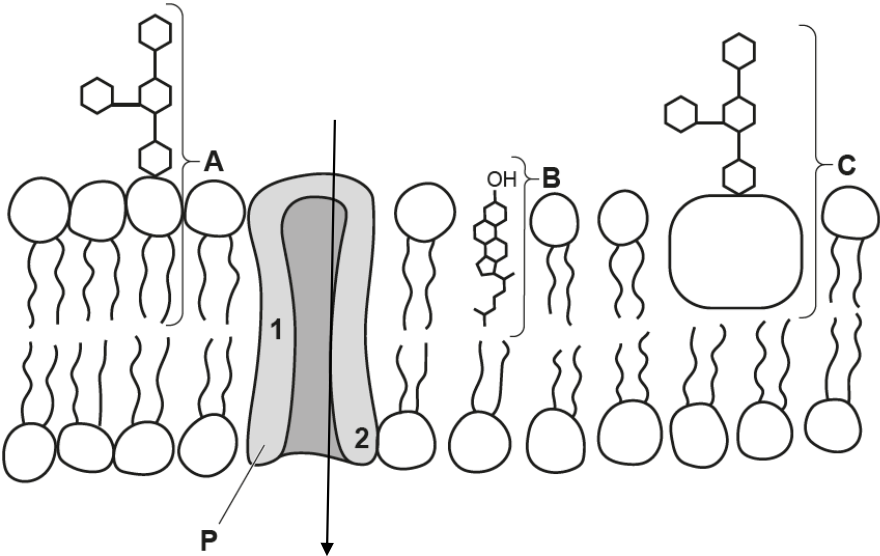
Multiple Choice Answers

Q14: B

Q18: D

Multiple Choice Answers

Q16: C

1(a)	A glycolipid ; B cholesterol ; C glycoprotein ;
1(b)	 1 arrow through protein ; 2 direction of arrow correct ;
1(c)	<i>any three from:</i> fluidity (of membrane) increases ; unsaturated fatty acids have double bonds ; (double bonds) cause the fatty acid chain to, kink / bend / AW ; unsaturated fatty acids cannot lie as close together as saturated fatty acids A ora or <i>ref. to</i> increased distance between phospholipids / AW ; <i>ref. to</i> weakening the hydrophobic interactions between, fatty acid chains / cholesterol ;
1(d)	<i>any one from:</i> position 1 has amino acids with, hydrophobic / non polar / AW, R-groups ; position 2 has amino acids with, hydrophilic / polar / ionic / AW, R-groups; A ref. to amine and carboxyl groups as appropriate