**MANY MARVELOUS MOLECULES : KEY**

**CARBOHYDRATES:**

3 – Glucose (monosaccharide) 9. – Maltose – Disaccharide of 2 glucoses

5 – Starch (all glucose upright) 33 – Sucrose – Disaccharide (Glucose + Fructose)

8 – Cellulose(every 2nd glucose is upside down) 42 – Fructose – Monosaccharide

**LIPIDS:**

2 – Fatty Acid Chain (saturated) 14. Triglyceride 24. Fatty Acid (unsaturated)

4 – Sterol Lipid 15. Sterol Lipid 26. Fatty Acid (saturated)

6 – Phospholipid 20. Triglyceride 32. Sterol Lipid

10. Glycerol 22. Phospholipid 41. Glycerol

**PROTEINS:**

1. Dipeptide 21. Amino Acid 40. Amino Acid

11. Amino Acid 27. Amino Acid

12. Polypeptide chain 30. Amino Acid

19. Amino Acid 38. Amino Acid

**NUCLEIC ACID/NUCLEOTIDE:**

7. Nucleotide (RNA as sugar is ribose) 34. Portion of Nucleotide (ribose w single-ringed base)

18. Nucleotide (RNA as it has ribose) 35. Nitrogenous Base (double-ringed)

23. RNA strand (single stranded) 36. Nitrogenous Base (double-ringed)

25. Portion of Nucleotide (adenosine) 39. Portion of Nucleotide (ribose with d-ringed base

28. Nitrogenous Base (single ringed) 43. RNA Nucleotide

29. Nitrogenous Base (single ringed) 17. Nitrogenous Base- single ringed

**ATP CYCLE:**

13. Adenosine Triphosphate 31. ATP

16. Adenosine Diphosphate 37 ADP