



MCQs NOTES

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1. The mass of Sun is **1.98×10^{30} Kg.**
2. The temperature at the centre of the Sun is **15 million °C.**
3. The top atmosphere of the Earth directly reflects back into space nearly **30%** part of the total amount of sun's energy coming to it.
4. The phases of the moon are partially the result of **the revolution of the moon around the earth.**
5. Constellations referred to as zodiac, are Imaginary regions **that encompass the path of the planets.**
6. 'Black holes' refers to collapsing object of **high density.**
7. **Foot Candle** is not a unit of distance.
8. Isobars are the lines connecting the places having same **pressure.**
9. Spring tides occur on new moon and full moon days because on these **days Sun, moon and earth are in a straight line.**
10. The position of earth in its orbit, when it is at its greatest distance from sun is called **aphelion.**
11. Earth's crust have the abundant reserves of **iron, silicon and oxygen.**
12. Basalt rock is an example of **volcanic.**
13. **Ionosphere** layer makes radio transmission possible.
14. The equatorial radius of the Earth is approximately **6371 Km.**
15. The approximate circumference of the Earth **40,000 Km.**
16. The Earth completes one rotation on its axis **in 23 h 56 min 4.9 sec.**
17. The shape of the Earth's orbit around the Sun **ellipse.**
18. The polar diameter of the Earth is **43Km** shorter than its equatorial diameter.
19. Commercial aircraft usually fly in **troposphere.**
20. **O₃** is a secondary pollutant.
21. Carbon monoxide is a pollutant because it reacts with **hemoglobin.**
22. **Paper** accounts for the greatest percentage of the weight of solid waste.
23. Carbon dioxide content in air **is 0.03%.**
24. Atmospheric pressure in the centre of a tropical cyclone **is very low because of rising warm air.**
25. Most hurricane in Northern hemisphere follow a track that **moves Northwest than northeast.**
26. **South Atlantic** does not commonly experience tropical cyclones.
27. Common ocean waves are commonly caused by **wind energy transferred to water.**
28. Heat transfer mechanisms associated with a burning log include **conduction, convection and radiation.**
29. **Ascorbic acid** does not belong to the vitamin B complex group.
30. **Vitamin C** cannot be stored in the liver.
31. Vitamin C is known as **ascorbic acid.**
32. The number of amino acid that constitute all proteins is about **20.**
33. **Vitamin B** is water soluble vitamin.
34. **Albumin** is egg protein.
35. Yeast is used in making bread because it produces **CO₂.**
36. Enzymes are formed of **proteins.**
37. Man cannot survive without taking minimum amount of **Carbohydrates.**
38. Pasteurized milk is specially treated milk in order to **kill bacteria.**

39. Deficiency of vitamin C causes **Scurvy**.
40. Each gram of fat metabolized by the body releases about **9** calories.
41. **Lactose** carbohydrates cannot come from plants.
42. The brain relies almost entirely on **Glucose** for energy production.
43. All other monosaccharides absorbed into the blood are converted into **Glucose** in the liver.
44. Skeletal muscle cells derive most of their energy from **Glucose**.
45. Good cholesterol also called **HDL**.
46. There are **20** amino acid in proteins and **9** are considered to be essential amino acids.
47. The energy currency of cell is **ATP**.
48. About 99% of energy's storage is in the form of **Lipids**.
49. Glycogen is mainly stored in **Liver and muscles**.
50. **Green Vegetables** are rich source of iron.

