

1. Who tried to explain their observations by suggesting that the Earth was at the centre of the Universe? **Mesopotamians**
2. The study of metals is called as ____? **Metallurgy**
3. Based on metal findings, the period of time was classified into ____.**Two**
4. Scientists who specialize in metals? **Metallurgist**
5. Extraction of which metal lead to Bronze age? **Copper and tin**
6. Who first suggested that matter was made up of atoms?
The Greeks
7. In which century telescope, microscope, clock and barometer were more in use. **17th Century**
8. Basic biology and chemistry development was said to be a part of which age? **Age of Enlightenment**
9. Who developed atomic theory of matter? **John Dalton**
10. ____ and ____ are two scientist introduced theories concerning electricity and magnetism.
James Maxwell , Michael Faraday
11. ____ proposed theory of evolution. **Charles Darwin**
12. Which gender shark has thicker skin? **Female**
13. The depth of ocean is compared to ____.
8 Empire state building
14. Killer whales belongs to which family ____.**Dolphin**
15. Killer whales are also called as ____.
Orca
16. Which physical feature ensures that orca are dolphins?
Presence of melon , a fatty deposit.
17. Swimming speed of killer whale is ____ ?**54kph**
18. How does the fatty deposit in Dolphin helps? **Echolocation**
19. The grasshopper sound detector is a thin membrane which is called as ____.
Tympanum
20. In adults grasshopper, the tympanum is covered and protected by the ____.
Wings
21. The chemicals in the food is deducted with the help of ____ in order to find the taste of the food. **Taste buds**
22. The genetic code in human body is also called as ____
Human genome
23. How many DNA molecules does human genome contain? **23**

24. Chromosomes are made up of ____ pairs. **Nucleotide**
25. What is the size of a DNA molecule? **1.7 to 8.5 cm**
26. How many trillion cells are present in human body? **37**
27. If DNA encased in each cell and place the molecules end to end, it would sum to a total length of ____ meters. **2×10^{14}**
28. The adult human skeleton has ____ bones. **206**
29. Which is the longest and strongest bone? **Thigh bone/ femur**
30. ____ is the smallest bone in our body. **Stapes/ Stirrup**
31. Where is stapes located? **Middle ear**
32. Which is the second largest bone in human body? **Tibia**
33. How many bones does new-born have? **270**
34. Moon gravity is ____ compared to Earth. **Less**
35. The moon is ____ % the mass of earth. **1%**
36. The water is stored in the camel's ____ as a source of nourishment. **Bloodstream**
37. Early humankind observed that ____ could be used to treat sickness and disease. **Plants**
38. Usage of plants for medicinal purposes lead to development of ____.
Herbal Medicine
39. T/F : Our body weight will remain same in all other planets except moon. **False**
40. In 13 minutes, camel can drink ____ litres of water. **113**
41. Salivary buffers ____ the concentration of free hydrogen ions.
Decreases
42. For what purposes the male grasshoppers uses sound?
Claim territory, find the potential rival.
43. ____ helps in dissolving the chemicals in food. **Saliva**
44. ____ are highly intelligent, adaptable, able to communicate and coordinate hunting tactics. **Orca**
45. The bones of babies ____ when they grow up. **Fuse together**
46. How many nucleotide pairs each chromosome contain?
500,000 to 2.5 million
47. In an entire lifetime, the average person walks the equivalent of ____ times around the world. **Five**
48. An active person takes ____ steps per day. **7500**
49. T/F : A man weighs less in moon as compared to earth. **True**
50. The deepest part of ocean is ____ feet down **36,200 (11,030m)**

