BALABHADRA SKILL DEVELOPMENT ACADEMY
SCIENCE QUESTION BANK - 23

Time: 1 Hour   Full marks: 48   Pass marks: 38

1. Some objects can be charged by _____ with other objects.
2. There are two kinds of charges ____ charge and ___ charge
3. The electrical charges produced by rubbing are called ____.
4. When charges move, they constitute _____.
5. An ____ may be used to detect whether a body is charged or not.
6. The process of transfer of charge from a charged object to the earth is called ____.
7. The process of electric discharge between clouds and the earth or between different clouds causes _____.
8. Lightning strikes could destroy _____ and ____.
9. _____ conductors can protect buildings from the effects of lightning.
10. An earthquake is a sudden ____ or ____ of the earth.
11. ____ is caused by a disturbance deep inside the earth's crust.
12. Earthquakes tend to occur at the boundaries of earth's plates. These boundaries are known as _____.
13. Destructive energy of an earth quake is measured on_____.
13(a) The earthquake measuring _____ on Richter scale can cause severe damage to life and property.
14. _____ is reflected from all surfaces.
15. Regular reflection takes place when light is incident on_____, ____ and _____.
16. ____ or ____ reflection takes place from rough surfaces.
17. In reflection, angle of incidence is ____ to the angle of reflection
18. Incident ray, reflected ray and the normal drawn at the point of incidence to the reflecting surface_____.
19. Images formed in a plane mirror undergoes ____ inversion.
20. Two mirrors inclined to each other give ____.
21. Beautiful patterns are formed in a kaleidoscope because of _____ .
22. Sunlight, (white light) consists of ____ colours.
23. Splitting of light into its constituent colours is known as _____ .
24. Parts of the eye are ___ , ____ , ____ , _____ , _____ and ____ .
25. A normal eye can see ___ and ___ objects clearly.
26. Visually impaired persons can read and write using the ____ system.
27. _____ persons develop their other senses more sharply to improve their interaction with their environment.
28. ____ are celestial bodies that emit light of their own.
29. Our sun is also a ____ .
30. The distances of stars are expressed in ____.
31. Stars appear to move from ____ to ____ .
32. The pole star appears to be stationary from the Earth, because it is situated close to_____.
33. _____ are groups of stars that appear to form recognisable shapes.

34. The solar system consists of _____ and a host of ____, ____ and ____.
35. A body revolving around another body is called a _____.
36. _____ is the natural satellite of the Earth.
37. _____ is the brightest planet in the night sky.
38. _____ is the largest planet of the solar system.
39. The artificial _____ revolve around the Earth.
40. _____ are used for weather fore- casting, long distance communication and remote sensing.
41. _____ is the contamination of air by impurities which may have a harmful impact on the living organisms and the non-living components.
42. Pollutants are the substances which contaminate ____ and ____.
43. _____, _____, _____, _____ and ____ are the major pollutants of air.
44. Increasing levels of greenhouse gases like ____ are leading to global warming.
45. _____ is the contamination of water by substances harmful to life.
46. _____, ____ and _____ are some of the major contaminants of water.
47. Water which is purified and fit for drinking is known as _____.
48. ____ is a precious natural resource. We must learn to conserve it.
49. Like charges ____ and unlike charges ____.

BALABHADRA SKILL DEVELOPMENT ACADEMY
SCIENCE QUESTION BANK – 23 (ANSWER)

1. Rubbing
2. Positive, negative
3. Static charges
4. Electric current
5. Electroscope
6. Earthing
7. Lightning
8. Life, property
9. Lightning
10. Shaking, trembling
11. Earthquake
12. Fault zones.
13. Richter scale
13(a) 7 or more
14. Light
15. Smooth, polished, regular surfaces.
16. Diffused, irregular
17. Equal
18. Lie in same plane
19. Lateral
20. Multiple image
21. Multiple reflections
22. Seven
23. Dispersion
24. Cornea, iris, pupil, lens, retina, optic nerve
25. Nearby, distant
26. Braille
27. Visually impaired
28. Stars
29. Star
30. Light years
31. East, west
32. Axis of rotation of the earth
33. Constellations
34. Nine planets, asteroids, comets, meteors
35. Satellite
36. Moon
37. Venus
38. Jupiter
39. Satellites
40. Artificial satellites
41. Air pollution
42. Air, water
43. Carbon monoxide, nitrogen oxides, carbon dioxide, methane, sulphur dioxide
44. CO_2

45. Water pollution
46. Sewage, agricultural chemicals, industrial waste
47. Potable water
48. Water
49. Repel, attract