

BALABHADRA SKILL DEVELOPMENT ACADEMY
SCIENCE QUESTION BANK - 6

Time: 1 Hour

Full marks: 32

Pass marks: 24

1. Light travels along ____ .
2. Any polished or a shining surface acts as a ____ .
3. An image which can be obtained on a screen is called a ____ .
4. An image which cannot be obtained on a screen is called a ____ .
5. The image formed by a plane mirror is ____ , ____ and ____ .
- 5(a) The image formed by plane mirror appears ____ and at distance ____ .
6. In an image formed by a mirror, the left side of the object is seen on the ____ side in the image, and right side of the object appears to be on the ____ side in the image.
7. A concave mirror can form a ____ and ____ image.
- 7(a) When the object is placed very close to the concave mirror, the image formed is ____ , ____ and ____ .
8. Image formed by a convex mirror is ____ , ____ and ____ in size than the object.
9. A ____ lens can form real and inverted image.
- 9(a) When the object is placed very close to the convex lens, the image formed is ____ , ____ and ____ .
10. A concave lens always forms ____ , ____ and ____ image than the object.
- 10(a) White light is composed of ____ colours.
11. ____ is essential for all living beings.
12. Water exists in three forms: ____ , ____ and ____ .
13. Though water is maintained by the ____ , yet there is an acute scarcity of water in many parts of the globe.
14. ____ , ____ , ____ and ____ are some of the causes for water shortage.
15. The need of the hour is that every individual uses water ____ .
16. Proper water management requires ____ , ____ and ____ .
17. Forest is a system comprising of ____ , ____ and ____ .
18. In a forest, trees form the uppermost layer, followed by ____ & ____ .
19. ____ forms the lowest layer of vegetation in forest.
20. Different layers of ____ provide food and shelter for animals, birds and insects.
21. In the forest, there is interaction between ____ , ____ , ____ & ____ .
22. ____ protect the soil from erosion.
23. ____ helps forests to grow and regenerate.
24. Forests are the lifeline for the ____ communities.
25. ____ influence climate, water cycle and air quality.
26. Wastewater is generated in ____ , ____ , ____ and is called ____ .
27. Sewage is a liquid waste which causes ____ and ____ pollution.
28. Waste water is treated in a ____ .

29. ____ reduce pollutants in wastewater to a level where nature can take care of it.
30. Where underground sewerage systems and refuse disposal systems are not available, the low cost ____ system can be adopted.
31. By-products of wastewater treatment are ____ and ____ .
32. Open drain system is a breeding place for ____ , ____ and ____ which cause diseases.

BSOA

BALABHADRA SKILL DEVELOPMENT ACADEMY
SCIENCE QUESTION BANK – 6 (ANSWER)

1. straight line
2. mirror
3. real image
4. virtual image
5. erect, virtual, same size as object
- 5(a) behind mirror, equal to distance between object & mirror
6. right, left
7. real, inverted
- 7(a) virtual, erect, magnified
8. erect, virtual, smaller
9. convex
- 9(a) virtual, erect, magnified
10. erect, virtual, smaller
- 10(a) seven
11. Water
12. solid, liquid, vapour
13. water cycle
14. Rapid growth of industries, increasing population, growing irrigation requirements, mismanagements
15. economically
16. avoid wastage of water, avoid overdrawing of ground water, recharge of ground water
17. plants, animals, micro-organisms
18. shrubs, herbs
19. herbs
20. vegetation
21. soil, water, air, living organisms
22. Forests
23. Soil
24. forest dwelling
25. Forests
26. homes, industries, agricultural fields, human activities, sewage
27. water, soil
28. sewage treatment plant
29. sewage treatment plants
30. on-site sanitation
31. sludge, biogas
32. flies, mosquitoes, organisms