



CHEMISTRY

NCERT - NCERT CHEMISTRY(TELUGU)

MATERIALS & THINGS

Exercise

1. Name any five objects which are made up of only one material.



Watch Video Solution

2. Name any five objects which are made up of more than two materials.



[Watch Video Solution](#)

3. List five things which we can make using each of the following material : Glass



[Watch Video Solution](#)

4. List five things which we can make using each of the following material : Metal



Watch Video Solution

5. List five things which we can make using each of the following material : Plastic



Watch Video Solution

6. List the things that we use in our daily life which are made from wood.



[Watch Video Solution](#)

7. Mary, while examining whether a boiled egg sinks or floats, found that it floats. But Vakula made it sink. How is it possible ? Guess and write it.



[Watch Video Solution](#)

8. Where does the water present in the egg go after boiling the egg?



Watch Video Solution

9. Do the following activities. Write down your observations. What do you conclude? (a) Mix chalk powder in water.



Watch Video Solution

10. Do the following activities. Write down your observations. What do you conclude ? :

Place a piece of candle in water.



Watch Video Solution

11. Do the following activities. Write down your observations. What do you conclude ? : Add some oil drops to a beaker of water.



Watch Video Solution

12. Make a list of food items eaten during lunch by you. Try to mention the components in each food item.



Watch Video Solution

13. Collect different plastic items from your surroundings. Classify them as transparent, opaque and translucent.



Watch Video Solution

14. write different objects made up of wood which we use in our daily life.



Watch Video Solution

15. Pots are made by using clay soil on



Watch Video Solution

16. Mary saw a ship travelling on a sea. She knows that iron nail sinks in water. She has

many doubts. What are her doubts ? Write them.



Watch Video Solution

17. An iron nail sinks in water. While a large ship floats on the surface of water. Give reason.



Watch Video Solution

18. We use so many wooden item in our daily life .Is it good to use wood ? What happens by excessive use of it ? What is the reason ? Is there any alternative for this.



Watch Video Solution

19. suddenly one big sound from kitchen.Can you guess what could have happened in the kitchen? Write it down in your note book.



Watch Video Solution

20. Can you guess reasons why some objects broke and some did not?



Watch Video Solution

21. Which objects are made of one material ?



Watch Video Solution

22. Which objects are made of one material ?





[Watch Video Solution](#)

23. How many materials can be used for making chairs ? List them.



[Watch Video Solution](#)

24. How can we classify materials? How?



[Watch Video Solution](#)

25. How do we decide which material should be used for making an object?



Watch Video Solution

26. What type of material can you use to make a window when you don't want someone to see through it?



Watch Video Solution

27. What type of material can you use to make a window when you want to see through it ?



Watch Video Solution

28. Can you make a cricket ball with mud or glass ?



Watch Video Solution

29. Can you make a chair with glass or mud ? If not why ?



Watch Video Solution

30. Can you see through plastic? Can you see through wood?



Watch Video Solution

31. Take a torch, switch it on and see. Does the light pass through the torch glass?



Watch Video Solution

32. Now, cover the torch glass with your palm.

What do you observe?



Watch Video Solution

33. Now, cover the torch glass with oily paper.

What do you observe?



Watch Video Solution

34. Do all substances change from solid to liquid and liquid to gas on heating ? Explain.



Watch Video Solution

35. Did the candle not catch fire from a distance?



Watch Video Solution

36. Does the white smoke represent candle wax in the state of gas?



Watch Video Solution

37. What must she have argued using only one crystal or sugar and one drop of water?



Watch Video Solution

38. What do you observe regarding excessively salty water?



Watch Video Solution

39. Do you get the same result if the conical flask is not closed?



Watch Video Solution

40. Objects which can be broken easily.....



Watch Video Solution

41. Write few properties of materials.



Watch Video Solution

42. Compare the following properties of solids, liquids and gases. a) Shape b) Volume c) Compressibility d) Diffusion



Watch Video Solution

43. Explain the terms 'soluble' and 'insoluble' with reference to water.



Watch Video Solution

44. Here some materials are given. Name the materials from which each object may possibly made up of door , towel, bicycle, knife, mirror, shoes, water bottle, pot.



Watch Video Solution

45. Explain the terms 'Transparent', 'opaque' and 'Translucent' giving with examples.



Watch Video Solution

46. How do we decide which material should be used for making an object?



Watch Video Solution

47. How do you sort materials as solids, liquids and gases ? Write your answer with an example.



Watch Video Solution

48. Name any five objects which are made up of more than two materials.

A. Porcelain cup

B. Water bottle

C. Cycle

D. Earthen-ware pot

Answer:



Watch Video Solution

49. The shoes are made up of the following material:

A. Glass

B. Leather

C. Wood

D. Ceramic

Answer:



Watch Video Solution

50. The effect of light shining on an object results in of object.

A. Colours

B. Solubility

C. Density

D. State

Answer:



Watch Video Solution

51. A material which is not shiny.

A. Gold ring

B. Diamond

C. Piece of charcoal

D. Mirror

Answer:



Watch Video Solution

52. An example of transparent material

A. Wood

B. Cardboard

C. Mirror

D. Water

Answer:



Watch Video Solution

53. A wooden plank is

A. Transparent

B. Opaque

C. Translucent

D. Bright

Answer:



Watch Video Solution

54. Explain the terms 'Transparent', 'opaque' and 'Translucent' giving with examples.

A. Oil paper

B. Sand paper

C. Silver foil

D. Carbon paper

Answer:



Watch Video Solution

55. The region which contains water vapour is

A. Solid

B. Liquid

C. Gas

D. Jelly

Answer:



Watch Video Solution

56. Oxygen is an example of

A. Soild

B. Liquid

C. gas

D. Emulsion

Answer:



Watch Video Solution

57. “Water is dense than ice”. The reason for this property is

- A. 1. Colour of ice
- B. 2. Coldness of ice
- C. 3. Coldness of water

D. 4. Crystalline structure

Answer:



Watch Video Solution

58. A material that floats on water

A. Iron

B. Stone

C. Cork

D. Gold ring

Answer:



Watch Video Solution

59. A substance which is not soluble in water

_____.

A. Sugar

B. Salt

C. Glucose

D. Saw dust

Answer:



Watch Video Solution

60. Lemon juice is

A. Solid

B. Liquid

C. Gas

D. None of these

Answer:



[Watch Video Solution](#)

61. Air is an example of material.

A. 1. Transparent

B. 2. Translucent

C. 3. Opaque

D. 4. Hard

Answer:



[Watch Video Solution](#)

62. Pure water is a

A. 10 gm / ml

B. 1 gm / ml

C. 1 kg / ml

D. 1 gm / l

Answer:



Watch Video Solution

63. When a liquid is cooled, it becomes a

.....

A. Solid

B. Liquid

C. Gas

D. None of these

Answer:



Watch Video Solution

64. We cannot see through a thick paper, but when a few drops of oil is applied to it, the paper becomes.....

- A. Transparent
- B. Translucent
- C. Opaque
- D. None of these

Answer:



Watch Video Solution

65. An ice cube floats on the surface of a glass of water ($\text{density of ice} = 0.9 \text{ g/cm}^3$). When the ice melts will the water level in the glass rise ?

- A. The density of ice is less than water
- B. The density of ice more than water
- C. The density of ice and water are equal
- D. None of these

Answer:



Watch Video Solution

66. Chose the set of transparent substance.....

A. Oil paper, stone

B. Glass, polythene cover

C. Stone, tracing paper

D. Water

Answer:



Watch Video Solution

67. The materials that do not dissolve in water are in water.

A. Insoluble

B. Soluble

C. Opaque

D. Transparent

Answer:



Watch Video Solution

68. Among the following opaque substance is

A. Rubber

B. Oil paper

C. Glass piece

D. Water

Answer:



Watch Video Solution

69. These do not have shape

A. Liquids

B. Gases

C. Solids

D. None of these

Answer:



Watch Video Solution

70. Which is soluble in water

A. Sand

B. Saw dust

C. Chalk powder

D. Sugar

Answer:



Watch Video Solution

71. Which object shine.....

A. Plastic

B. Cotton

C. Stone

D. Glass

Answer:



Watch Video Solution

72. Matter changes from one state to another by increasing -

A. Heat

B. Air

C. electricity

D. Light

Answer:



Watch Video Solution

73. Smoke is an example of

A. Soild

B. Liquid

C. Gas

D. None of these

Answer:



Watch Video Solution

74. One of the following is not made of wood

A. Chair

B. Table

C. Glass

D. Bench

Answer:



Watch Video Solution

75. The state of matter which get the shape of container is

A. Solids

B. Liquids

C. Gases

D. None of these

Answer:



Watch Video Solution

76. Which objects are made of one material ?

A. Door

B. Knife

C. Pot

D. Bicycle

Answer:



Watch Video Solution

77. The high density of water compared to ice is due to

- A. Shining nature
- B. Translucent nature
- C. Low temperature
- D. Crystalline structure

Answer:



78. If Green light passes through a transparent object, the emergent light in..... colour.

A. 1. Green

B. 2. Red

C. 3. Yellow

D. 4. Blue

Answer:



79. Materials exists in states

A. 1. 1

B. 2. 2

C. 3. 3

D. 4. 4

Answer:



Watch Video Solution

80. The materials which we can easily see through are called.....

- A. Transparent substances
- B. Translucent substances
- C. Opaque substance
- D. None of these

Answer:



Watch Video Solution

81. Oily paper is

A. Transparent substances

B. Translucent substances

C. Opaque substance

D. None of these

Answer:



Watch Video Solution

82. Which of the following will sink in water

A. Leaf

B. Wood

C. Stone

D. Sponge

Answer:



Watch Video Solution

83. These do not have shape

A. Solids

B. Liquids

C. gases

D. None of these

Answer:



Watch Video Solution