



CBSE Practice papers

## **SORTING MATERIALS INTO GROUPS**

class-6-Science    Number of Questions: 71

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**1**

Metals can be beaten into thin sheets. This property is called:

- Elasticity     Ductility     Electricity     Malleability

**2**

Which of the following is true about a metal?

- It is opaque     It is translucent     It is transparent     It dissolves in water

**3**

Choose the opaque object from the following?

- Charcoal     Air     Glass     Water

**4**

Which of these materials can be used to make lustrous objects?

- Wood     Aluminum sheets     Paper     Cardboard

**5**

The property of metals, to be able to be drawn into thin wires is called :

- Ductility     Elasticity     Volatility     Malleability

**6**

Shiny appearance of a metal is called

- Transparency     Smoothness     Lustre     Solubility

**7**

The state of matter which has a definite volume, but no definite shape is the \_\_\_\_\_ state.

- Solid    Liquid    Gaseous    Mixture

**8**

Perfume is a \_\_\_\_\_ substance.

- Volatile    Non-volatile    Malleable    Sublime

**9**

Which of the following statements is wrong?

- Most of the metals are lustrous    Not all gases are soluble in water  
 Saw dust is soluble in water    Gold is ductile

**10**

Which of these properties do glass and water obey?

- Translucency    Transparency    Opacity    Brittleness

**11**

Pick out the bad conductor of electricity from the following:

- Copper    Gold    Silver    Plastic

**12**

The amount of matter contained in an object is called its:

- Mass    Volume    Density    Material

**13**

All metals are \_\_\_\_\_ of heat and electricity.

- Good conductors    Bad conductors    Sometimes good conductors    Insulators

**14**

Coconut oil is not miscible with:

- Petrol    Benzene    Water    Kerosene oil

**15**

Which of the following is a good conductor of electricity?

- Glass    Plastic    Wood    Copper wire

**16**

Which of these float on water?

- Washing soda    Sand    Coconut oil    Sugar

**17**

The three states of matter have different properties because:

- They have different flexibilities    They are unstable  
 They have a difference in their molecular arrangement  
 They do not have different properties

**18**

Which is that state of matter that adapts to the shape of its container, but varies only in volume?

- Liquid state    Solid state    Gaseous state    Semi-solid state

**19**

The state of matter that expands to occupy the volume and shape of its container is :

- Liquid    Solid    Gas    Plasma

**20**

The state of matter that maintains a fixed volume and shape is the \_\_\_\_\_ state.

- Liquid    Solid    Gas    Semi-solid

**21**

The inter-molecular force of attraction holds the molecules tightly together in a:

- Liquid    Solid    Gas    None

22

Which of these is not the property of a metal?

- Opacity    Lustre    Good conduction of heat    Transparency

23

The property of a metal, that does not let you see through it is called:

- Transparency    Opacity    Translucency    None of the above

24

Which of the following is not made up of paper?

- Book    Carton    Eraser    Diary

25

Which of the following materials is not used to make a dinner plate?

- Steel    Glass    Leather    Paper

26

Which of the following is the odd one out?

- Washing soda    Salt    Sand    Sugar

27

Rubber cannot be used in the making of \_\_\_\_\_

- Balls    Nails    Tyres    Erasers

28

Transparency is the property of \_\_\_\_\_

- Glass    Wood    Gold    Paper

29

\_\_\_\_\_ dissolved in water is responsible for the survival of aquatic life.

- Hydrogen    Oxygen    Nitrogen    Carbon monoxide

**30**

Which of the following disappears in water?

- Sand  Common salt  Clay  Saw dust

**31**

Wax \_\_\_\_\_ when dropped in water.

- Sinks  Becomes a liquid  Floats  Forms bubbles

**32**

Materials which can be compressed or scratched easily are called:

- Hard materials  Soft materials  Rough materials  Brittle materials

**33**

Materials which are difficult to compress are called:

- Hard materials  Soft materials  Ductile materials  Malleable materials

**34**

Which of the following materials is hard?

- Iron  Clay  Cotton  Satin cloth

**35**

Which of the following materials is soft?

- Copper  Iron  Sponge  Diamond

**36**

Which of the following is true about butter paper?

- It is transparent  It is translucent  It is lustrous  It is opaque

**37**

Water plays an important role in the functioning of our body because it:

- It does not dissolve substances  It dissolves a large number of substances  
 It is transparent  It flows uniformly in our body due to its liquid state

**38**

Why is it necessary to group things?

- Dividing materials into groups makes it convenient to study their properties  
 So that we can throw away all the unnecessary items we have  
 We can keep different materials in our rack at one place  None of the above

**39**

Materials through which things can be seen are called:

- Transparent Materials  Translucent Materials  Opaque Materials  None

**40**

Materials through which objects can be seen, but not that clearly are known as:

- Opaque Materials  Translucent Materials  Transparent Materials  
 Thick Materials

**41**

The materials through which we cannot see objects are called \_\_\_\_\_ materials.

- Translucent  Transparent  Opaque  Hard

**42**

An oily patch on a paper is \_\_\_\_\_ in nature.

- Translucent  Transparent  Opaque  None

**43**

Find the odd one out:

- Water  Iron  Gold  Silver

**44**

Find the odd one out:

- Sand  Mud  Ceramic  Jute

**45**

Which of the following are shiny objects?

- Copper wire, aluminium sheet and steel spoon    Wood, paper, chalk  
 Paper and aluminum sheet    Wood, copper wire, paper

**46**

Why do some materials lose their shine and appear dull?

- Due to oiling    Due to the action of air and moisture on them  
 Due to their thickness    Due to exposure to sunlight

**47**

Which of these is the metal, which exists in the liquid state at room temperature?

- Silver    Gold    Mercury    Copper

**48**

Making an orderly arrangement of materials is called:

- Division    Classification    Differentiation    Retention

**49**

Substances that can burn easily are called:

- Non flammable substances    Combustible substances    Fire proof substances  
 Incombustible substances

**50**

Hydrogen gas is highly combustible.

- True    False

**51**

Which among the following is commonly used for making safety pins?

- Wood    Steel    Glass    Iron

**52**

What type of material is used to make the wind screen of a car?

- Transparent    Translucent    Semi-transparent    Opaque

**53**

What kind of smell does hydrogen sulfide have?

- Chlorine smell    The smell of burnt sulphur    Rotten egg smell    Fragrant smell

**54**

The hardest known natural substance is:

- Glass    Stone    Diamond    Gold

**55**

Which of these is a magnetic material?

- Iron    Copper    Brass    Aluminium

**56**

Which of these is lighter than water?

- Coconut oil    Steel    Aluminum    Stone

**57**

Which of these materials is a compound?

- Table salt    Gold    Iron    Aluminum foil

**58**

Which non-metal is a good conductor of electricity?

- Nitrogen    Diamond    Graphite    Sodium

**59**

Which of the following is a domestic fuel used for cooking?

- LPG    Liquid hydrogen    Producer gas    CNG

**60**

Which of these is a volatile liquid ?

- Sugar water    Petrol    Water    Salt water

**61**

Here is an observation:



1. Place an iron nail in water.
2. There develops a red deposit on it after a few days.

What do you think this process is called?

- Rusting  Tanning  Ignition  Degradation

62

Human body is a \_\_\_\_\_ of electricity.

- Bad conductor  Good conductor  Insulator  Producer

63

The substance that consists of two or more elements combined chemically, in a fixed ratio is called a:

- Solution  Compound  Mixture  Solute

64

Which state, is the gas present in a cooking cylinder in ?

- Solid state  Liquid state  Gaseous state  Semi liquid state

65

Visibility becomes partial on a foggy day as the:

- Fog contains water vapour  Fog makes the air opaque  
 Fog makes the air translucent  Visibility does not change on a foggy day

66

Which of these substances can be found in all the three states of matter?

- Vinegar  Mercury  Water  Alcohol

67

The liquids which mix completely without any interface between them are called \_\_\_\_\_ liquids.

- Miscible  Malleable  Immiscible  Insoluble

**68**

The property in which, two substances are not capable of combining to form a homogeneous mixture is:

- Miscibility    Immiscibility    Malleability    Compatibility

**69**

Which of the following is transparent ?

- Muddy water    Butter paper    Kerosene    Mist

**70**

Which of the following gases is the most soluble in water?

- Nitrogen    Hydrogen    Carbon monoxide    Carbon dioxide

**71**

Which of the following statement is wrong?

- Water is called a universal solvent    Diamond can scratch glass  
 Ghee is a combustible substance    Ether is miscible with water

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