

# CHEMISTRY

## BOOKS - SRS PUBLICATION

### WATER

#### Question Bank

1. The change of water into water vapour is called -



Watch Video Solution

2. The water cycle is also called ....



[Watch Video Solution](#)

3. No rainfall for a year or more may lead to  
.....in that region



[Watch Video Solution](#)

4. Excessive rains may cause.....



[Watch Video Solution](#)

5. The nature of sea water is

A. salty

B. tasteless

C. odorless

D. sweet

**Answer: A**



[Watch Video Solution](#)

6. Which is not a part of water cycle -

- A. evaporation
- B. condensation
- C. rain
- D. distillation

**Answer: D**



**Watch Video Solution**

7. Choose the correct answer which of the following processes send water vapor to the atmosphere?

A. solidification

B. precipitation

C. condensation

D. evaporation

**Answer: D**



**Watch Video Solution**

**8.** List out the activities that we perform in our daily life that consume water.



**Watch Video Solution**

**9.** How are clouds formed?



**Watch Video Solution**

**10.** Which of the following days is more suitable for drying of washed clothes? Explain

why?



**Watch Video Solution**

**11.** Which of the following days is more suitable for drying of washed clothes? Explain why?



**Watch Video Solution**

**12.** Why do we experienced cloud like smoke near our mouth while speak during the winter

season?



**Watch Video Solution**

**13.** Why does the driver of a vehicle wipe the glass inside, even if the wiper is working on the outer surface of the glass. When he drives in rain?



**Watch Video Solution**

**14.** What is water cycle?





[Watch Video Solution](#)

**15.** Revanth blew air from his mouth onto the mirror while he was getting ready to go to school. He observed that the image in the mirror was not clear. Why do you think it has become so?



[Watch Video Solution](#)

**16.** If we use water un wisely what will happen in future ? Write your suggestions to prevent water wastage.



**Watch Video Solution**

**17.** How can you demonstrate condensation of water by using a glass water and pieces of ice?



**Watch Video Solution**

**18.** Draw the diagram showing water cycle?



**Watch Video Solution**

**19.** If people are suffering due to severe floods, what would you do to help them ?



**Watch Video Solution**

**20.** If we use water un wisely what will happen in future ? Write your suggestions to prevent

water wastage.



**Watch Video Solution**

21. Prepare a map of your village showing different water sources.



**Watch Video Solution**

22. Make a pamphlet on 'Don't waste water'.  
Display it on wall magazine.



**Watch Video Solution**

**23.** Collect information about water related games and make a scrap book.



**Watch Video Solution**

**24.** Justify the statement 'droughts and floods are a result of actions made by man'. Investigate your reasons.



**Watch Video Solution**

25. Forests control drought through



[Watch Video Solution](#)

26. Collect information from your grandparents and their experiences about the drought they experienced.



[Watch Video Solution](#)

27. Hey friends I am sujatha from akkalaredypalle of kakapo district the woman in the picture is my mother she carries potable water for us from the stream which is 4 km away from our village it is very difficult to walk all the way by carrying the water pots it takes lot of time also but it is very essential for us as we can't do anything without water so we use water previously

what do you think after listening to Sujata's story?



**Watch Video Solution**

**28.** For what purpose do we need water in our life ?



**Watch Video Solution**

**29.** Where do we get water from?



**Watch Video Solution**

**30.** How can you say water is necessary for us ?





**Watch Video Solution**

**31. Why do clouds cause rain?**



**Watch Video Solution**

**32. What is the relation between rains and clouds?**



**Watch Video Solution**

**33.** Why don't all clouds cause rain?



**Watch Video Solution**

**34.** Can we convert water into ice? explain what should we do



**Watch Video Solution**

**35.** What happens if ice is kept in the open air?



**Watch Video Solution**

**36.** Why does smoke like vapour come out of our mouth in winter?



**Watch Video Solution**

**37.** In \_\_ season we face severe water scarcity.  
Give your reason.



**Watch Video Solution**

**38.** From, where do these water drops come on the leaves and grass?



**Watch Video Solution**

**39.** Have you observed the colour of a cloud before its rain?



**Watch Video Solution**

**40.** Write a note on 'clouds converting in rain'.



**Watch Video Solution**

**41.** What changes do you notice in the sky and in the atmosphere before it rains?



**Watch Video Solution**

**42.** What changes take place in the clouds before raining?



**Watch Video Solution**

**43.** What happens if there is less rainfall or too much rainfall?



**Watch Video Solution**

**44.** Classify the uses of water in three groups. Uses in a house or a family, for agriculture purposes and others.



**Watch Video Solution**

**45.** Divide the class into groups let them discuss the uses of water in their daily life ask them to make a list now classify the uses as agricultural purpose



**Watch Video Solution**

**46.** Divide the class into groups let them discuss the uses of water in their daily life ask them to make a list now classify the uses as agricultural purpose





[Watch Video Solution](#)

**47.** How much water do we use daily ? Record your estimates in a table, How you could reduce the amount of water used and write how much water can you save.



[Watch Video Solution](#)

**48.** List out the sources from where you get water in your village / town.



[Watch Video Solution](#)



**49.** Are the sources from where you get water for your daily needs and crops the , same or not ? Give your reasons.



**Watch Video Solution**

**50.** Is the water level constant or has it changed with temperature?



**Watch Video Solution**

**51.** How is the well dug ?



**Watch Video Solution**

**52.** Have you seen a bore well being dug?write the process in your notebook?



**Watch Video Solution**

**53.** Spread a piece of wet cloth in the sunlight observe after sometime where has the water

in the wet cloth gone the water evaporates into the atmosphere due to the heat of the sun when we want to dry clothes quickly we wave them about or keep them under a fan does the water in wet clothes dry up only due to sunlight or due to other reasons



[Watch Video Solution](#)

**54.** Wet clothes dry after some time - where does the water go?



[Watch Video Solution](#)

**55.** Spread a piece of wet cloth in the sunlight observe after sometime where has the water in the wet cloth gone the water evaporates into the atmosphere due to the heat of the sun when we want to dry clothes quickly we wave them about or keep them under a fan does the water in wet clothes dry up only due to sunlight or due to other reasons



**Watch Video Solution**

**56.** Wet clothes dry after some time - where does the water go?



**Watch Video Solution**

**57.** How are clouds formed?



**Watch Video Solution**

**58.** Spread a piece of wet cloth in the sunlight observe after sometime where has the water

in the wet cloth gone the water evaporates into the atmosphere due to the heat of the sun when we want to dry clothes quickly we wave them about or keep them under a fan how are clouds formed?



[Watch Video Solution](#)

**59.** What changes do you observe on the outer surface of the glass containing ice cold water?



[Watch Video Solution](#)

**60.** Take some water in a glass add pieces of ice to it observe for a few minutes why are these drops formed



**Watch Video Solution**

**61.** Do they get formed if there is no ice in the glass?



**Watch Video Solution**

**62.** What will happen if rainfall for this year is less than last year ?



**Watch Video Solution**

**63.** What would happen if there was no rainfall for five years ?



**Watch Video Solution**



**64.** What problems can arise due to water scarcity in a particular place ?



**Watch Video Solution**

**65.** What problems can arise due to water scarcity in a particular place ?



**Watch Video Solution**

66. 

What problems did Ramanna face?

 [View Text Solution](#)

**Drought affects our life :**

Here is a letter for you. Try to understand how drought affects our lives. Discuss the following points.

Dear Firoz,

I hope you are fine there. Nowadays, we are facing severe problems due to drought. For the last five years we have no rains. All our fields have dried and there are cracks in them. We fail to grow any crop. My father invested money on bore wells with no results. Now we get water after a great struggle from the bore well which is five kilometers from our village. The days have become very bad. Several people have sold their cattle and migrated to Hyderabad and Bengaluru. My family also wants to do so. I request you to ask your parents to search for a job for my father at your place. My father may have been a well-known, rich farmer here but he is willing to do any kind of job there.

Yours loving friend,

Ramanna.

67.

How can Firoz help him?

 [Watch Video Solution](#)

**Drought affects our life :**

Here is a letter for you. Try to understand how drought affects our lives. Discuss the following points.

Dear Firoz,

I hope you are fine there. Nowadays, we are facing severe problems due to drought. For the last five years we have no rains. All our fields have dried and there are cracks in them. We fail to grow any crop. My father invested money on bore wells with no results. Now we get water, after a great struggle from the bore-well which is five kilometers from our village. The days have become very bad. Several people have sold their cattle and migrated to Hyderabad and Bengaluru. My family also wants to do so. I request you to ask your parents to search for a job for my father at your place. My father may have been a well-known, rich farmer here but he is willing to do any kind of job there.

Yours loving friend,  
Ramanna.

68.

What will happen if a farmer grows crops that require more water in these districts?

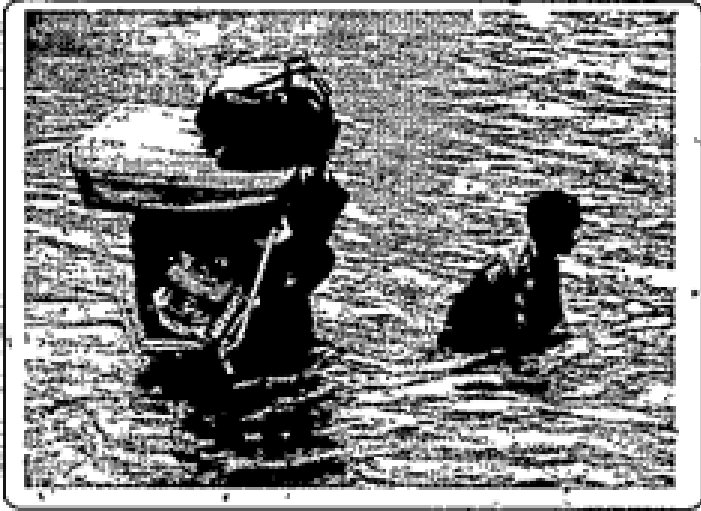


**Watch Video Solution**

**69.** If several bore wells are dug and underground water is tapped constantly, what will happen to the source of ground water ?



**Watch Video Solution**



70.

What does the picture tell us?



[Watch Video Solution](#)

71. excessive rainfall in certain areas of our country lead to which condition?



[Watch Video Solution](#)

**72.** Are there any other reasons that can lead to flood?



[Watch Video Solution](#)

**73.** Did you ever face or hear about flood based on your personal experience or from the knowledge of news articles write few sentence on floods



[Watch Video Solution](#)

74. How can you say water is necessary for us ?



[Watch Video Solution](#)

75. Why do people need protected drinking water scheme?



[Watch Video Solution](#)

**76.** In \_\_ season we face severe water scarcity.

Give your reason.



**Watch Video Solution**

**77.** What is the role of evaporation in water cycle?



**Watch Video Solution**

**78.** Explain the forms of water





**Watch Video Solution**

**79.** Explain evaporation



**Watch Video Solution**

**80.** Explain condensation



**Watch Video Solution**

**81.** What is precipitation?



**Watch Video Solution**

**82. Define sleet**



**Watch Video Solution**

**83. Define snow**



**Watch Video Solution**

**84.** What are the main reasons for water scarcity?



**Watch Video Solution**

**85.** What is conservation of water? what are the methods to be followed for conservation of water?



**Watch Video Solution**

**86.** How do polythene bags, disposable plates cause floods?



**Watch Video Solution**

**87.** We know that nearly  $\frac{3}{4}$ th of the surface of the earth is occupied by water is this water useful for us?



**Watch Video Solution**

**88.** What would happen if there was no rainfall for five years ?



**Watch Video Solution**

**89.** What are the relevant questions you ask about droughts water supply?



**Watch Video Solution**

**90.** Frame three innovative questions on evaporation



**Watch Video Solution**

**91.** Frame three innovative questions on evaporation



**Watch Video Solution**

**92.** You feel very happy while raining ask questions to your teacher to clarify your doubts on raining?



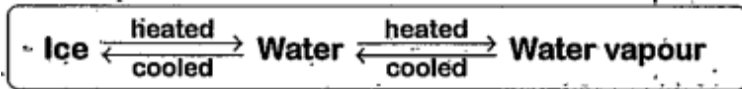
**Watch Video Solution**

**93.** How can you prove experimentally about evaporation and condensation?



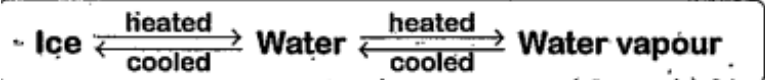
**Watch Video Solution**

94. Answer the given questions by observing the given information what happens to ice when it is heated?



[Watch Video Solution](#)

95. Answer the given questions by observing the given information what happens to water vapour when it is cooled?

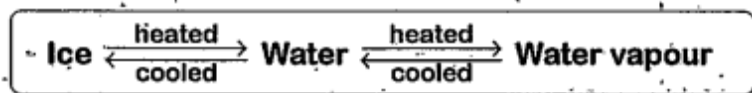






Watch Video Solution

96. Answer the given questions by observing the given information by observing the information what process do you remember that occurs in nature?



Watch Video Solution

97. Observe the given table and answer the following questions.

Activity (used by one person)	Water used (litre) (per one day)
Drinking	3 litres
Bathing	30 litres
Washing clothes	60 litres
Toilets	10 litres
Other uses	80 litres

what is the total quantity of water used by a single person in one day?



[Watch Video Solution](#)

98. Observe the given table and answer the following questions.

Activity (used by one person)	Water used (litre) (per one day)
Drinking	3 litres
Bathing	30 litres
Washing clothes	60 litres
Toilets	10 litres
Other uses	80 litres

how much quantity of water is required for drinking for a person in one week?



[Watch Video Solution](#)

**99.** Observe the given table and answer the following questions

Activity (used by one person)	Water used (litre) (per one day)
Drinking	3 litres
Bathing	30 litres
Washing clothes	60 litres
Toilets	10 litres
Other uses	80 litres

in which activity we can not save water?



[Watch Video Solution](#)

**100.** Observe the given table and answer the following questions.

Activity (used by one person)	Water used (litre) (per one day)
Drinking	3 litres
Bathing	30 litres
Washing clothes	60 litres
Toilets	10 litres
Other uses	80 litres

how

many litres of water are required for a person to take a bath in one day?



[Watch Video Solution](#)

**101.** Observe the diagram and answer the following question



what is there in the glass?



[Watch Video Solution](#)

**102.** Observe the diagram and answer the following question



what is the process do you observe?



[Watch Video Solution](#)

**103.** Observe the diagram and answer the following question



define the process from the diagram?

 [Watch Video Solution](#)

**104.** Observe the diagram and answer the following question



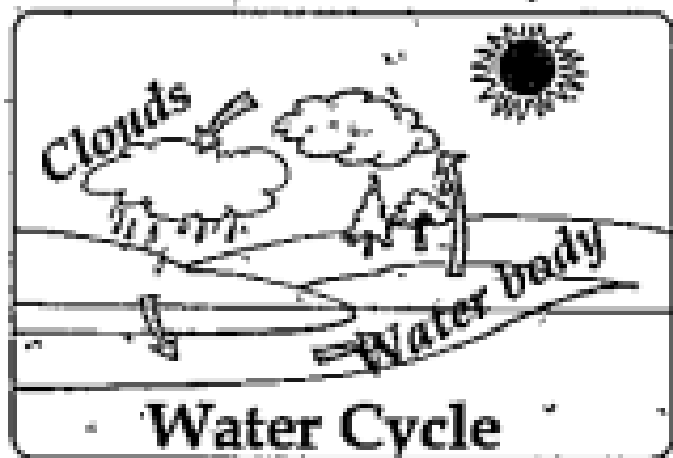


give two examples you observe in your daily life regarding the process



**Watch Video Solution**

105. Answer the following questions by observing the given diagram

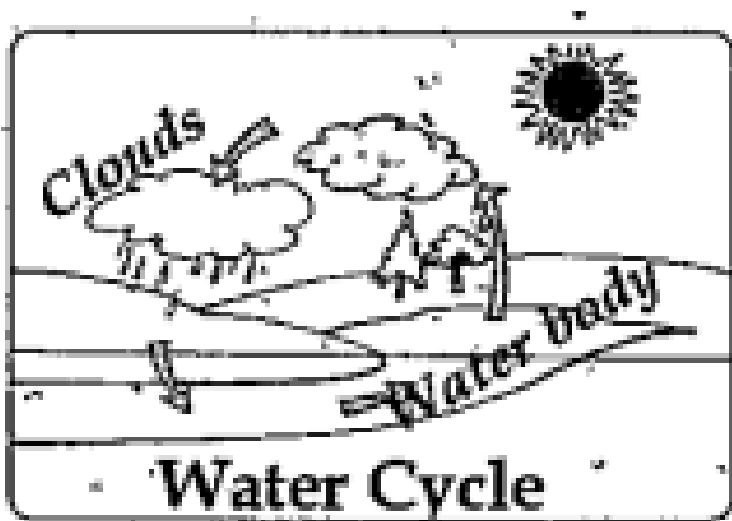


what is the name of the diagram?



[Watch Video Solution](#)

106. Answer the following questions by observing the given diagram

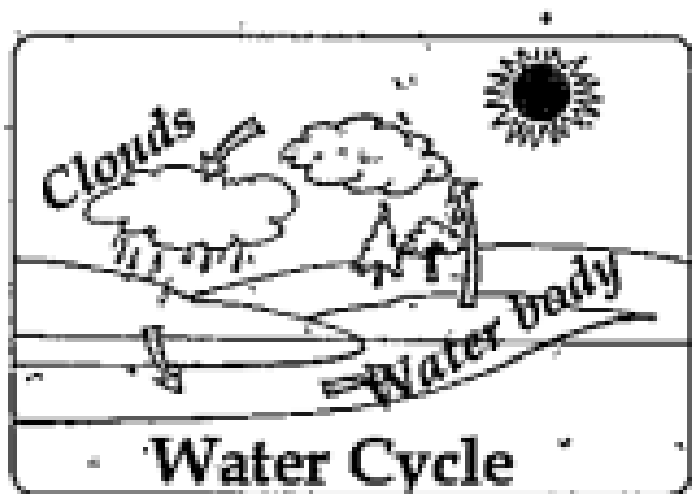


what are the two main process in the diagram?



[Watch Video Solution](#)

107. Answer the following questions by observing the given diagram

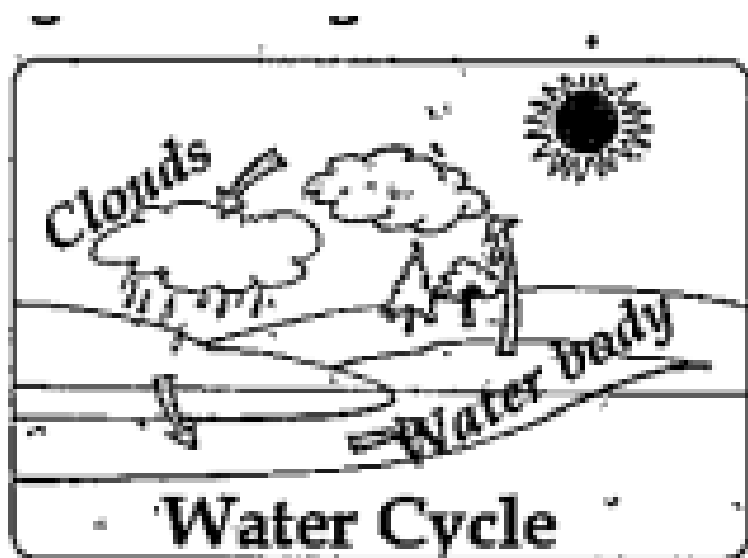


what is the source of heat energy and source of water from the diagram?



**Watch Video Solution**

108. Answer the following questions by observing the given diagram

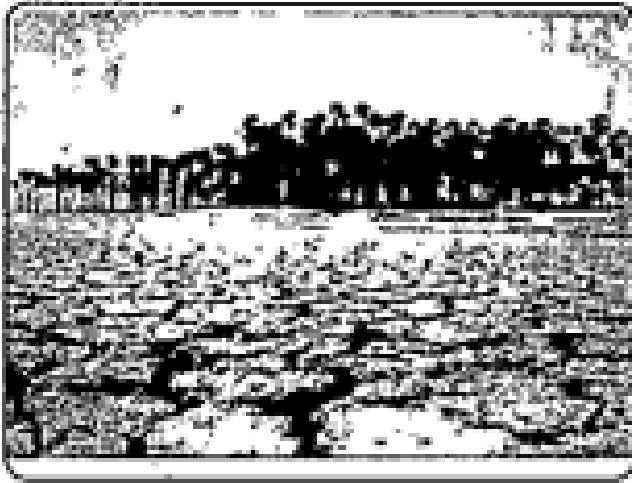


what is the other name for the diagram given?



[Watch Video Solution](#)

109. Observe the diagram and answer the following questions

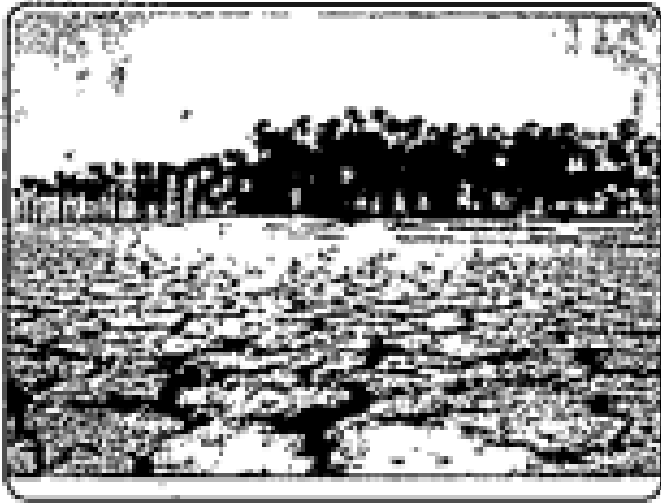


what does the diagram indicate?



**Watch Video Solution**

110. Observe the diagram and answer the following questions

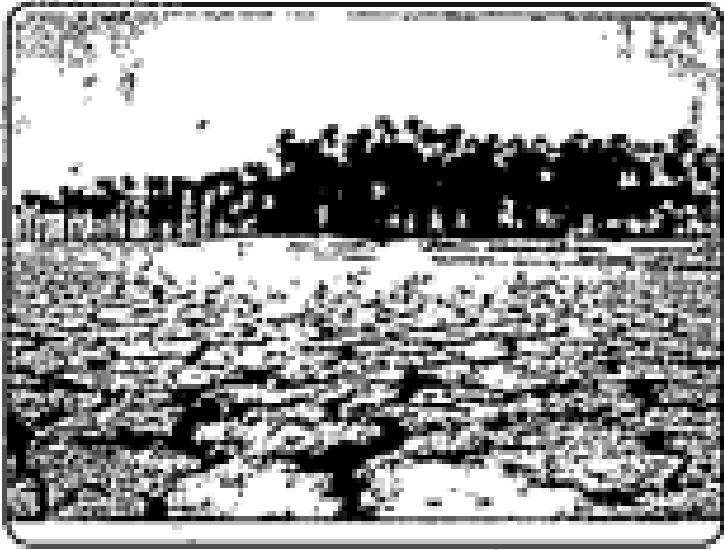


what are the causes for that condition?



[Watch Video Solution](#)

**111.** Observe the diagram and answer the following questions



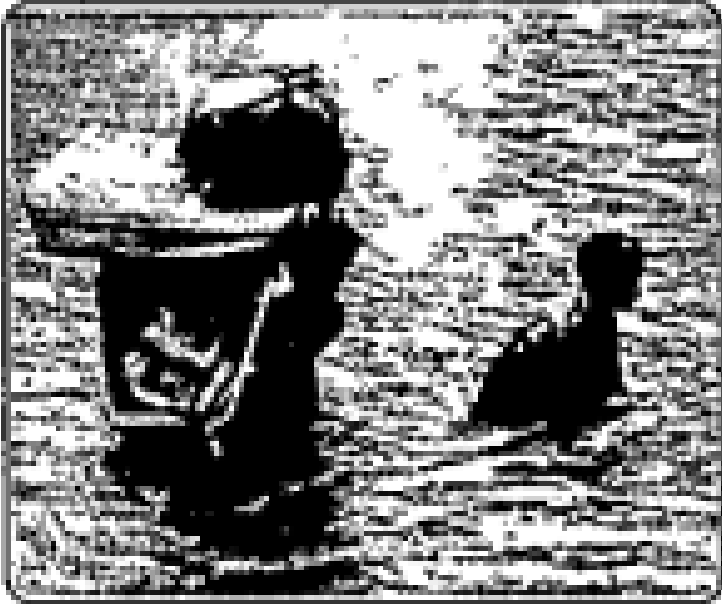
what are the effects of the condition?



**Watch Video Solution**



112. Observe the picture and answer the following questions

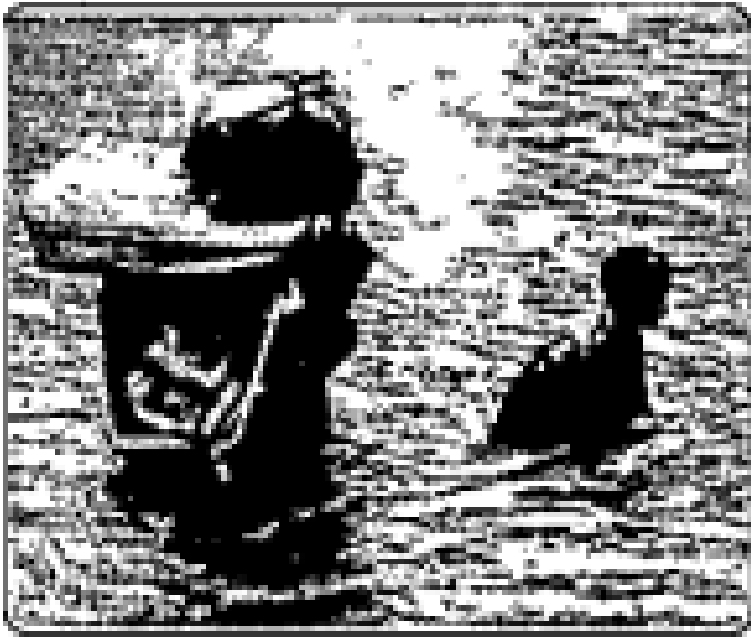


what do you observe from the picture?



**Watch Video Solution**

113. Observe the picture and answer the following questions

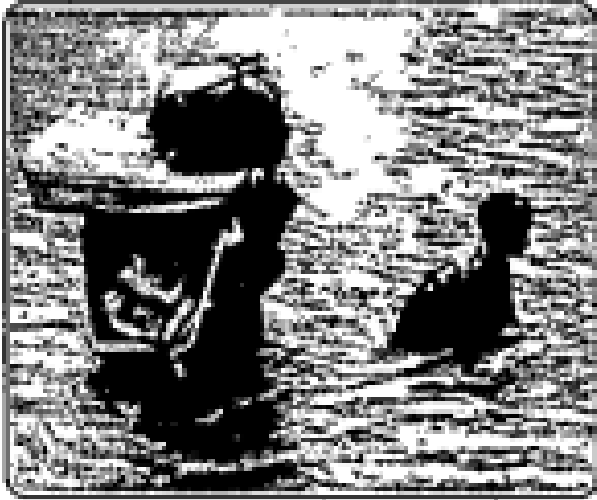


what is the name of natural disaster?



[Watch Video Solution](#)

114. Observe the picture and answer the following questions



what are the reasons for the condition?



**Watch Video Solution**

**115.** If it is raining in a village you don't find rain in another village. Why do you think it is happening so?



**Watch Video Solution**

**116.** Though there is heavy and fast evaporation during summer does not rain guess the reasons.



**Watch Video Solution**

**117.** Ravi wants to know the measuring units of water. What will you tell him ?



**Watch Video Solution**

**118.** What is the relation between drought and water shortage?



**Watch Video Solution**

**119.** Write about the effects of cyclones in coastal andhra pradesh



**Watch Video Solution**

**120.** Drying of water in a small puddle on the road is mainly due to

- A. evaporation
- B. boiling
- C. condensation

D. melting

**Answer: A**



**Watch Video Solution**

**121.** Identify the correct pair

A. water to water vapour-sublimation

B. water ice-condensation

C. water to water vapor-evaporation

D. ice to water-evaporation

**Answer: C**



**Watch Video Solution**

**122.** Disturbance in water cycle may cause....

- A. drought
- B. rain
- C. water vapour
- D. all of these

**Answer: A**





Watch Video Solution

**123.** When the temperature of water rises, the rate of evaporation?

- A. decreases
- B. increases
- C. remains same
- D. all of these

**Answer: B**



124. The rate of evaporation is less on

- A. cloudy day
- B. rainy day
- C. sunny day
- D. both B and C

**Answer: A**



**125.** Hailstones are....



**Watch Video Solution**

**126.** When the clouds can not hold the water drops this occur....



**Watch Video Solution**

**127.** South west monsoon occurs in

A. january to april

B. june to september

C. november to december

D. april to july

**Answer: B**



**Watch Video Solution**

**128.** Northeast monsoon occurs in

A. january to april

B. june to september

C. november to december

D. april to july

**Answer: C**



**Watch Video Solution**

**129.** In south west monsoon season the wind blows from direction

A. east

B. north

C. west

D. south

**Answer: C**



**Watch Video Solution**

**130.** In north east monsoon season the wind blows from direction

A. east

B. north

C. west

D. south

**Answer: A**



**Watch Video Solution**

**131.** Which is the purest form of water

A. rain water

B. ocean water

C. river water

D. ground water

**Answer: A**



**Watch Video Solution**

**132. Match the following**

**Group - I**

1. Ocean
2. Cloud
3. Evaporation

**Group - II**

- a) Small droplets
- b) Water into vapour
- c) Large source of water

A. 1-a2-b3-c

B. 1-b2-a-3-c



C. 1-c,2-b,3-a

D. 1-c,2-a,3-b

**Answer: D**



**Watch Video Solution**

**133.** Choose the correct answer

Group - I

1. Condensation

2. Dew

3. Hail

Group - II

a) Ice pieces

b) Vapour to water

c) Small drops of water on leaves

A. 1-a,2-b,3-c

B. 1-b,2-c,3-a

C. 1-a,2-c,3-b

D. 1-c,2-a,3-b

**Answer: B**



**Watch Video Solution**

**134.** Choose the correct answer

Group - I

1. Drought
2. Food
3. Purest form of water

Group - II

- a) No rain
- b) Rain water
- c) Heavy rain

A. 1-a,2-b,3-c

B. 1-b,2-c,3-a

C. 1-a,2-c,3-b

D. 1-c,2-a,3-b

**Answer: C**



**Watch Video Solution**

**135.** As we move away from the surface of the earth the air becomes

A. hot

B. cooler

C. ice

D. humid

**Answer: B**



**Watch Video Solution**

**136.** Some of the rain water seeps into the soil and becomes -

A. sea water

B. impure water

C. ground water

D. tank water

**Answer: C**



**Watch Video Solution**

**137. Deforestation and pollution from factories**

cause -

A. afforestation

B. condensation

C. globalisation

D. global warming

**Answer: D**



**Watch Video Solution**

**138.** Choose the correct reason for water scarcity

A. uneven distribution of rainfall

B. population explosion

C. pollution of water

D. all of these

**Answer: D**



**Watch Video Solution**

**139.** Choose the correct statement regarding the factors of water management

A. minimizing the use of chemical fertilizers

B. recycling of water by separating  
pollution

C. controlling deforestation

D. all of these

**Answer: D**



**Watch Video Solution**



140. *Water* → ? ; *Clouds* → Rains`..find  
the missing one



**Watch Video Solution**

141. If we don't have the process of  
evaporation

A. we never experience rain

B. we can not cook food

C. we never experience change in seasons

D. all of these

**Answer: D**



**Watch Video Solution**

**142.** If water vapour:evaporation::rain:.....

A. sublimation

B. condensation

C. solidification

D. crystallisation

**Answer: B**



**Watch Video Solution**

**143.** Find the odd one out

- A. evaporation
- B. condensation
- C. crystallisation
- D. water cycle

**Answer: C**



Watch Video Solution

**144.** Identify the correct statement by heating we can change state of substances , if we cool water it will freeze

- A. both are correct
- B. both are incorrect
- C. 1 is correct 2 is incorrect
- D. 1 is incorrect 2 is correct

**Answer: A**



[Watch Video Solution](#)

**145.** What will happen if we keep water in a wide plate under running ceiling fan?



[Watch Video Solution](#)

**146.** Why don't we drink sea water

- A. because of sweet taste
- B. because of salinity

C. because of sour taste

D. all of these

**Answer: B**



**Watch Video Solution**

**147.** One of the following is not a reason for scarcity of water

A. deforestation

B. lack of rains

C. drying of water bodies

D. heavy floods

**Answer: D**



**Watch Video Solution**

**148.** Why are people ready to pay money for water along with other commodities?

A. water is available in excessive amounts

B. water scarcity occurs

C. water bodies became dry

D. water bodies became contaminated

**Answer: D**



**Watch Video Solution**

**149.** What will happen if the source of groundwater is tapped constantly

A. ground water level decreases

B. ground water level increases



C. more rainfall occurs

D. earth will be free from pollution

**Answer: A**



**Watch Video Solution**

**150.** Take a glass of water and add ice cubes to it you will observe small drops of water on the outer surface of the glass the process responsible for this is called

A. evaporation

B. boiling

C. condensation

D. freezing

**Answer: C**



**Watch Video Solution**

**151.** Ramu measured accurately the quantity of water used for drinking bathing and cooking

daily for one week what is the aim of experiment of measuring water?

- A. to estimate the volume of water
- B. to estimate the components of water
- C. to estimate the types of water
- D. to estimate resources of water

**Answer: A**



**Watch Video Solution**

**152.** You found paid water is purchased in shops through

A. packets

B. disposable bottles

C. cans

D. all of these

**Answer: D**



**Watch Video Solution**

**153.** Often big drops of water solidify into ice and fall as pieces of ice known as hailstones  
hailstones are

- A. clouds
- B. ice pieces as rain
- C. clouds fall as rain
- D. cool breeze as rain

**Answer: B**



**Watch Video Solution**

**154.** Water in rivers and lakes evaporates continuously from their surface this evaporated water is formed as clouds water vapour from rivers and lakes is formed due to heat supplied by

A. heat geysers

B. volcanoes

C. winter cool

D. sunlight

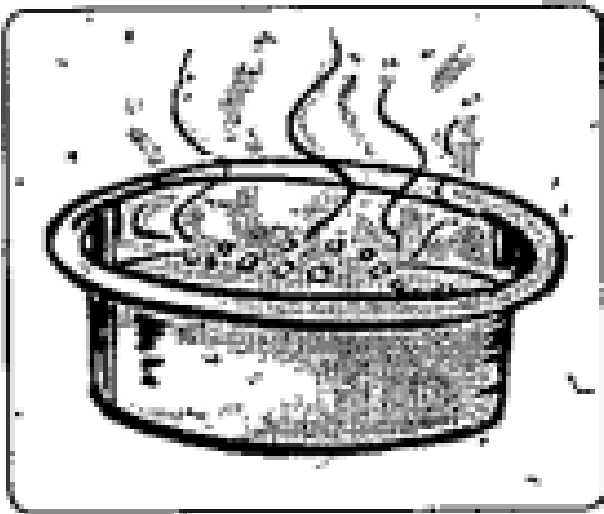
**Answer: D**





Watch Video Solution

155. The given diagram shows



A. condensation

B. evaporation

C. solidification

D. rains

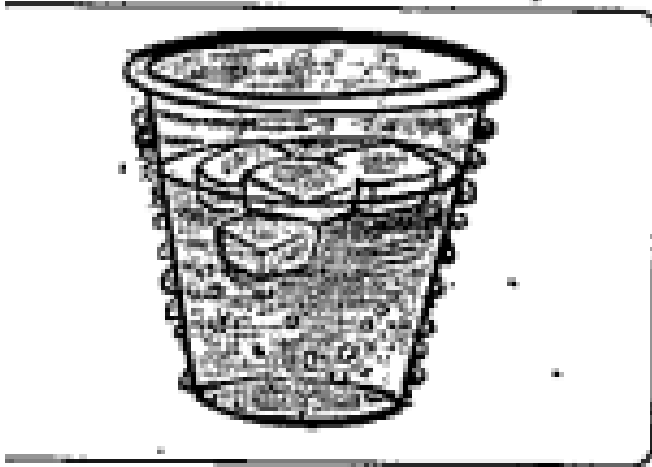
**Answer: B**



**Watch Video Solution**



156. The given diagram shows



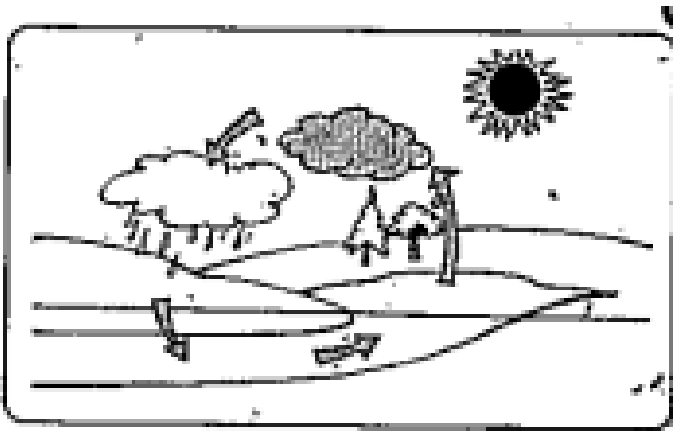
- A. evaporation
- B. solidification
- C. condensation
- D. all of these

**Answer: C**

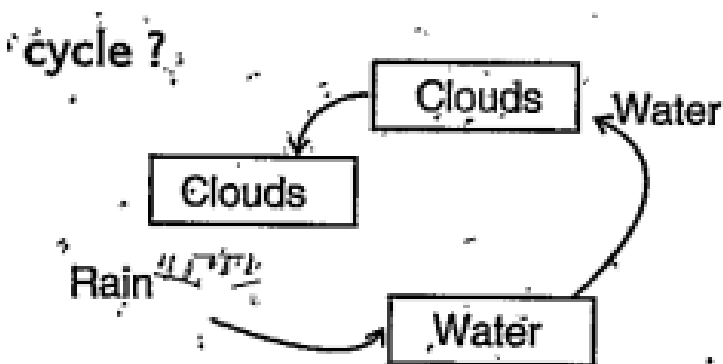


**Watch Video Solution**

**157.** Choose the correct sequence of events that occur in the water cycle based on the given picture



158. What is missing in the water cycle



A. stars

B. sun

C. air

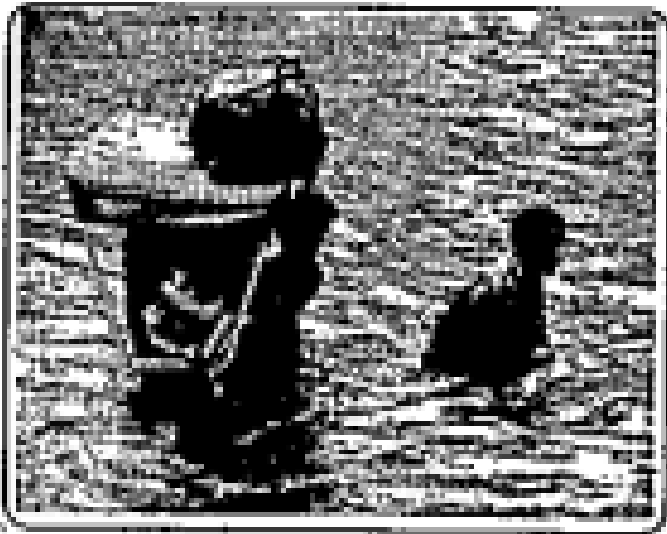
D. moon

**Answer: B**



**Watch Video Solution**

**159.** What does the picture tell us?



**A.** floods

B. walk in sea

C. tap water burst

D. water in the summer

**Answer: A**



**Watch Video Solution**

**160.** Choose the correct answer

**Group - I**

1. Summer

2. Rainy season

3. Anantapur

4. Fresh water

**Group - II**

a) 3% only

b) Drought prone area

c) Floods

d) Water scarcity

A. 1-a,2-c,3-d,2-b

B. 1-d,2-c,3-b,2-a

C. 1-d,2-c,3-a,2-b

D. 1-d,2-b,3-c,2-a

**Answer: B**



**Watch Video Solution**

**161.** Guess where the washed clothes dry easily

A. shade

B. cool room

C. sunlight

D. dark room

**Answer: C**



**Watch Video Solution**

**162.** What happens if there are no rains for several years

A. there will be floods

B. there will be drought

C. there will be good yielding

D. there will be earthquakes

**Answer: B**



**Watch Video Solution**

**163.** Fruit that contains large amount of water

A. mango

B. apple



C. watermelon

D. guava

**Answer: C**



**Watch Video Solution**

**164.** The percentage of water in human body



**Watch Video Solution**

**165.** Drought prone areas in our state

A. anantapur

B. cuddapah

C. kurnool

D. all of these

**Answer: D**



**Watch Video Solution**

**166. Abbreviate NDRF**



**Watch Video Solution**

**167.** Choose the correct statement regarding rain water harvesting

A. collecting water from where it falls

B. collecting water from roof tops of buildings

C. collecting rain water by constructing ponds with bund

D. all of these

**Answer: D**



Watch Video Solution

**168.** Water is introduced in school because

A. human body requires 2-3 litres of water per day

B. water helps in digestion of food

C. water helps in removal of toxins from the body

D. all of these

**Answer: D**



**Watch Video Solution**

**169.** fresh water is present in

A. snow covered mountains

B. glaceries

C. polar ice caps

D. all of these

**Answer: D**



**Watch Video Solution**