

# Winds, Storms and Cyclones Class 7 MCQs Questions with Answers

Choose the correct answer:

Question 1.

In which year was Orissa hit by a cyclone?

- (a) 1999
- (b) 2000
- (c) 2001
- (d) 2004

## Answer

Answer: (a) 1999

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### Question 2.

Leaves of trees, banner or flags flutter when wind is blowing. Why?

- (a) Air occupies space
- (b) Air is a mixture of gases
- (c) Air exerts pressure
- (d) Air is colourless

## Answer

Answer: (c) Air exerts pressure

Question 3.

When we blow over a paper strip it goes upward as shown in the figure given below. why?



**Fig.** Blowing over a strip of paper

- (a) Blowing over the paper reduces the air pressure above the strip
- (b) Blowing over the paper increases the air pressure above the strip
- (c) None of these is a correct reason
- (d) The strip will not go upward at all

Question 4.

Following are precautions one must take in case a storm is accompanied by lightning.

- (i) Do not take shelter under a tree.
- (ii) Do not take shelter under an umbrella with a metallic end.
- (iii) Do not take shelter in open garages, storage sheds, etc.
- (iv) Do not take shelter in a bus in the open.

Which one of these is not correct?

- (a) (i)
- (b) (ii)
- (c) (iii)
- (d) (iv)

Answer

Answer: (d) (iv)

Question 5.

Which of the following places is most likely to be affected by a cyclone?

- (a) Mumbai
- (b) Puri
- (c) Goa
- (d) Porbandar

Answer

Answer: (b) Puri

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Question 6.

A fire alarm usually detects smoke in case of fire. Where should such an alarm be placed in



Where should such an alarm be placed in a room? (NCERT Exemplar)

- (a) Near the door
- (b) On the floor
- (c) On any wall
- (d) On the ceiling

Answer

Answer: (d) On the ceiling

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Question 7.

The winds from oceans carry water and bring rain. These winds are called

- (a) typhoon
- (b) monsoon

monsoon

- (c) cyclone
- (d) none of these

Answer

Answer: (b) monsoon

Question 8.

What is a cyclone?

- (a) Winds from the oceans carrying water
- (b) Very low pressure system with very high speed winds revolving around it
- (c) Dark funnel shaped cloud that reaches from the sky to the ground
- (d) None of these

## Answer

Answer: (b) Very low pressure system with very high speed winds revolving around it

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Question 9.

Pick the odd one out

- (a) Cyclone
- (b) Hurricane
- (c) Monsoon
- (d) Typhoon

## Answer

Answer: (c) Monsoon



Question 10.

A cyclone warning can be issued

- (a) 48 hours in advance
- (b) 12 hours in advance
- (c) 6 hours in advance
- (d) 24 hours in advance

Answer

Answer: (d) 24 hours in advance

Match the following:

| Column A | Column B |
|----------|----------|
|          |          |

(i) Wind

(a) Dark funnel shaped cloud

(ii) Monsoon

(b) Very low pressure system with very high speed winds revolving around it

(iii) Thunderstorm

(c) measures the speed of wind

(iv) Cyclone

(d) develops in India very frequently



frequently

(v) Tornado

(e) Moving air

(vi) Anemometer

(f) Winds carrying  
water

## Answer

Answer:

Column A

Column B

(i) Wind

(e) Moving air

(ii) Monsoon

(f) Winds carrying  
water



water

(iii) Thunderstorm

(d) develops in  
India very  
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(iv) Cyclone

(b) Very low  
pressure system  
with very high  
speed winds  
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(v) Tornado

(a) Dark funnel  
shaped cloud

(vi) Anemometer

(c) measures the



Anemometer

speed of wind

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Fill in the blanks:

1. Moving ..... is called a wind.

Answer

Answer: air

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2. Air exerts .....

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Answer: pressure

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3. Increased wind speed is accompanied by ..... air pressure.

Answer

Answer: reduced

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4. The warm air is ..... than cold air.

Answer

Answer: lighter

5. Wind currents are generated due to ..... heating on the earth.

Answer

Answer: uneven

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6. Very pressure system with very ..... speed winds revolving around it is called a cyclone.

Answer

Answer: low,high

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7. A dark funnel shaped ..... that reaches from the sky to the ground is called a tornado.

Answer

Answer: cloud

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8. .... and ..... have made possible to issue a cyclone alert, i.e., 48 hours in advance.

Answer

Answer: Satellites, radars



Choose the true and false statements from the following:

1. Air around us exerts pressure.

Answer

Answer: True

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2. Air contracts on heating and expands on cooling.

Answer

Answer: False

3. As cool air rises air pressure at that place is reduced and the warmer air moves to that place.

Answer

Answer: False

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4. Winds carrying water vapours bring rains.

Answer

Answer: True



5. High speed winds and air pressure differences can cause cyclones.

Answer

Answer: True

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6. Cyclones are beneficials to the people living in coastal areas.

Answer

Answer: False

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7. Tornadoes are very frequent in our country.

Answer

Answer: False

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8. It has become easier to monitor cyclones with the help of advanced technology like satellites and radars.

Answer

Answer: True

