

Marks: 25

Time:20 min

Q1. Choose the correct option –

1. Which of the following is/are properties of air

- (a) It occupies space
- (b) It is present everywhere around us
- (c) It is colourless
- (d) All of the above

2. Moving air is called

- (a) dust (b) smoke (c) wind (d) nitrogen

3. Smoke is produced mainly by burning

- (a) wood (b) coal (c) kerosene (d) all of these

4. The major part of air ,which does not support burning is

- (a) nitrogen (b) oxygen (c) carbon dioxide (d) water vapour

5. Envelope of air that surrounds the earth is known as

- (a) biosphere (b) atmosphere (c) ecosystem (d) environment

6. Air is present in

- (a) atmosphere (b) soil (c) water (d) everywhere

7. The gas released by the green plants during photosynthesis is

- (a) nitrogen (b) oxygen (c) carbon dioxide (d) helium

8. The component of air which is utilised by the plants during photosynthesis is

- (a) carbon dioxide (b) oxygen (c) nitrogen (d) water vapour

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Q2. Fill in the blanks

1. Air is a of several gases.

2. is the layer of air around the earth.

3. Nitrogen and oxygen together make upof the air.

4. gas helps in burning.
5. Oxygen gas is in water.
6. The major part of air is

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Q3. State whether True or False

1. Air is a mixture of gases.
2. Process of preparation of food by green plants is known as photosynthesis.
3. Air in motion is called wind.
4. The major part of air is oxygen.
5. Nitrogen gas helps in combustion.
6. Oxygen is insoluble in water.
7. All organisms require nitrogen for photosynthesis.
8. Air in motion is called wind.
9. Winnowing is more effective in moving air.
10. Air does not occupy space.

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Q4. Match the columns Column I Column II

Column I	Column II
1. Nitrogen	(a) Respiration
2. Mixture of gases	(b) Thin layer of air surrounding the earth
3. Oxygen	(c) Use wind power to rotate
4. Atmosphere	(d) 78%
5. Windmill	(e) Released in respiration
6. Carbon dioxide	(f) Air
7. Smoke	(g) Colourless, transparent
8. Air	(h) Harmful
9. Compressed air	(i) Used to fill tyres

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Q5. See the picture carefully and answer the questions that follow:



1. The traffic policeman is wearing a _____.
2. Why is the traffic policeman wearing it ?
3. Comment on the quality of air of the place shown.

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