



**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
DEPARTMENT OF SOCIAL SCIENCE**



AIR

NAME: _____ **CLASS/SEC:** VII _____ **ROLL NO:** _____ **DATE:** ___/11/2018

S.NO

I NAME THE FOLLOWING.

- a. The degree of hotness and coldness of the air. _____
- b. Ozone layer is found here. _____
- c. The upper most layer of the atmosphere. _____
- d. Atmospheric layer that helps in radio transmission. _____
- e. Most plentiful gas in the air. _____
- f. Meteoroids burn up in this layer. _____
- g. Instrument used to measure the amount of rainfall. _____
- h. The amount of water vapour present in the air. _____
- i. Almost all weather phenomena occur in this layer. _____
- j. The pressure exerted by the weight of air on the earth's surface.

- k. The standard unit of measuring temperature. _____
- l. Incoming solar energy received at the earth's surface. _____

II FILL IN THE BLANKS.

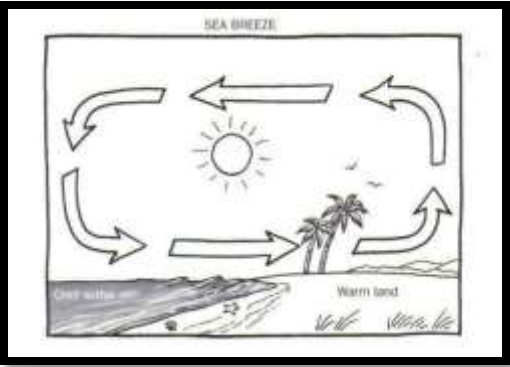
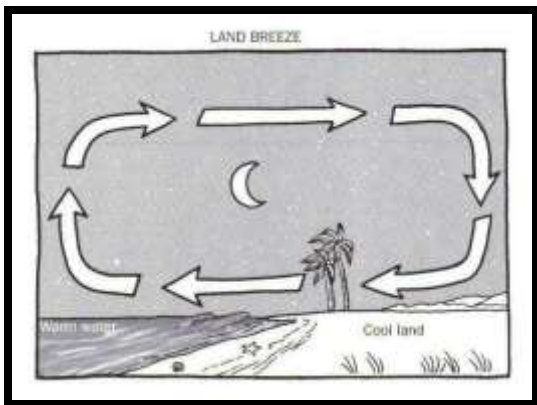
a. Pressure _____ with increasing height.

III

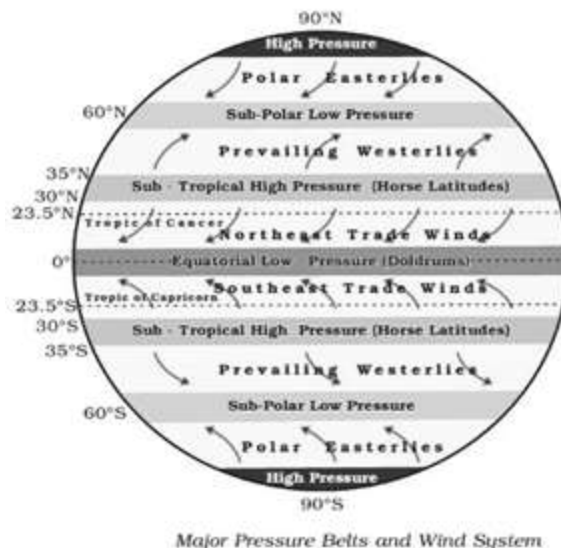
- b. Carbon dioxide is known as _____
- c. _____ absorbs the ultraviolet rays radiated from the Sun and prevents the earth from becoming too hot.
- d. The average height of the troposphere is _____.
- e. _____ is increased due to burning of fossil fuels.
- f. The air pressure is _____ at sea level.
- g. Precipitation that comes down to earth in liquid form is called _____
- h. Wind always moves from _____ areas to _____ areas.
- i. Insolation _____ from the equator towards the poles.

- j. The monsoon winds in India are _____ winds.
- k. There is an _____ relationship between temperature and pressure.
- l. _____ is used to measure atmospheric pressure.
- m. The major constituent of atmosphere is _____ which constitutes 78%.
- n. The amount of Oxygen found in the atmosphere is _____

OBSERVE THE PICTURE AND FILL IN THE BLANKS.

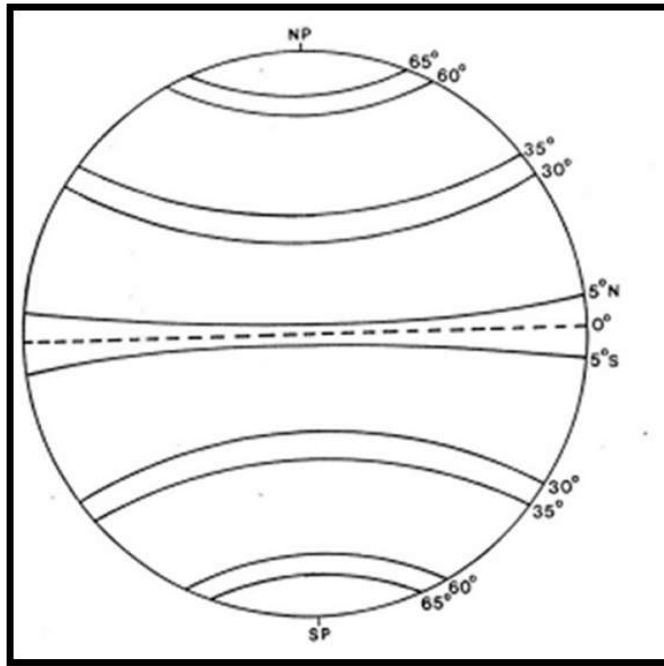
<p>A</p> 	<ol style="list-style-type: none"> 1. Sea breeze blows during _____ 2. The cool breeze from the _____ blows towards _____ to take the place of warm air that has risen
<p>B</p> 	<ol style="list-style-type: none"> 3. Land breeze blows during the _____ 4. _____ heats up and cools down more quickly than the _____

IV OBSERVE THE DIAGRAM AND LABEL THE FOLLOWING.



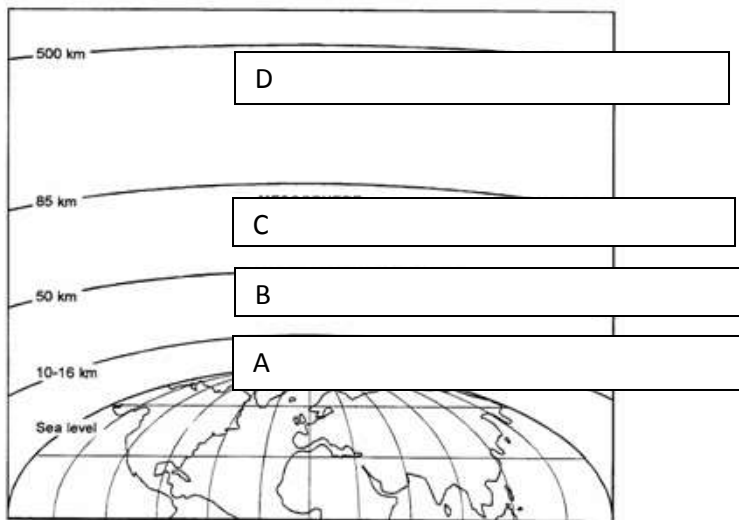
PRESSURE BELTS, WINDS. (ONE PRESSURE BELT IS MISSING IDENTITY AND LABEL IT)

A.



LAYERS OF ATMOSPHERE

B.



V ANSWER THE FOLLOWING QUESTIONS IN TWO POINTS.

MARKS

- | | |
|--|----------|
| 1. Why carbon dioxide is known as a greenhouse gas? | 2 |
| 2. Differentiate between weather and climate? | 2 |
| 3. Why do astronauts wear space suits? | 2 |
| 4. Write a short note on Air Pressure. | 2 |
| 5. Why do we see a white trail in the sky left behind by jet planes? | 2 |

VI ANSWER THE FOLLOWING QUESTIONS IN THREE POINTS.

- | | |
|--|----------|
| 6. Explain the importance of stratosphere. | 3 |
| 7. Why cities are hotter than villages? | 3 |

8. How is thermosphere important for human beings? 3

9. Briefly explain rainfall and its types. 3

VII ANSWER THE FOLLOWING QUESTIONS IN FOUR POINTS.

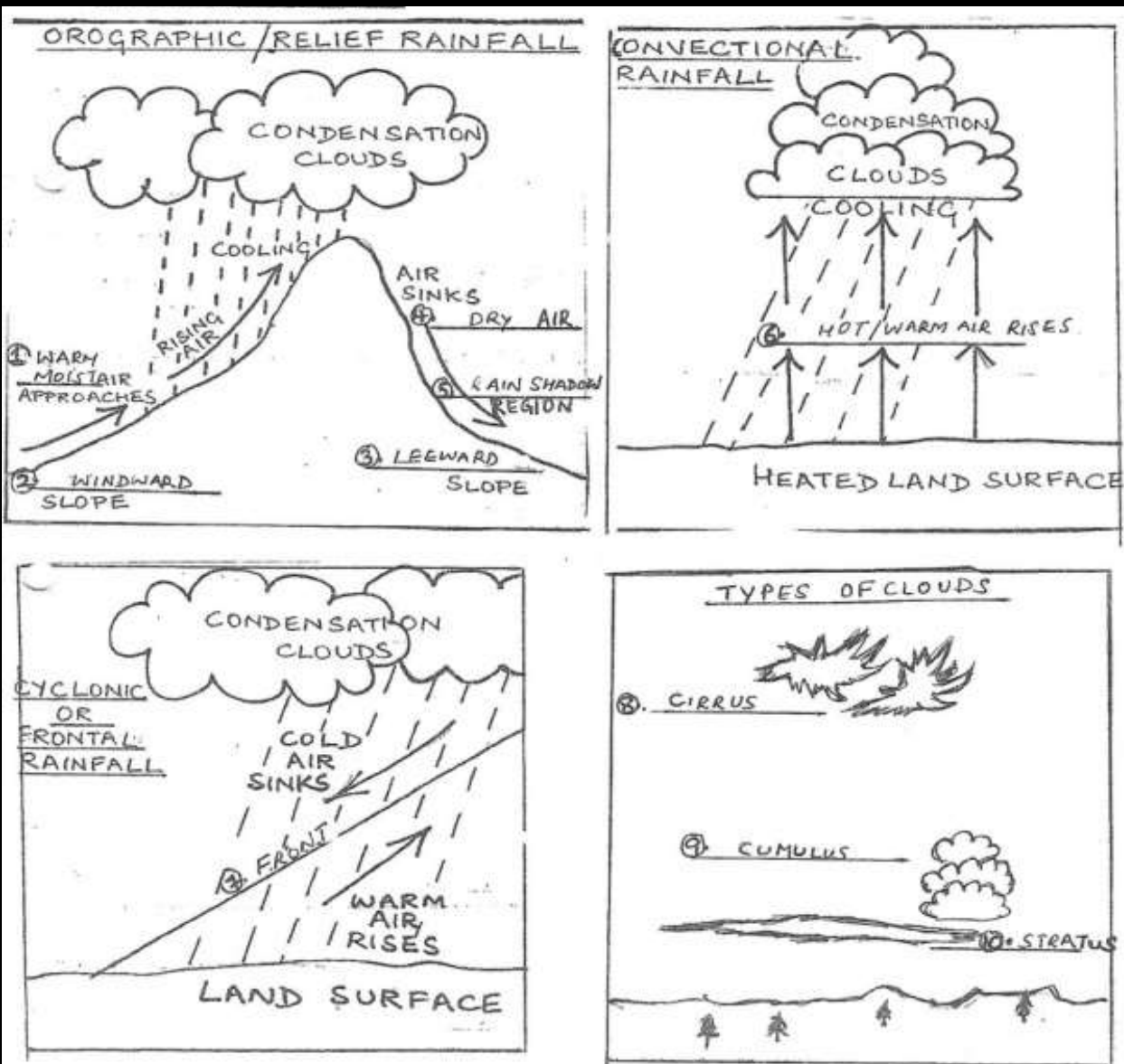
10. Explain humidity and a humid day. 4

11. How is low pressure created on the earth? 4

12. Name and explain the different types of wind. 4

13. What is global warming? Explain its effects. 4

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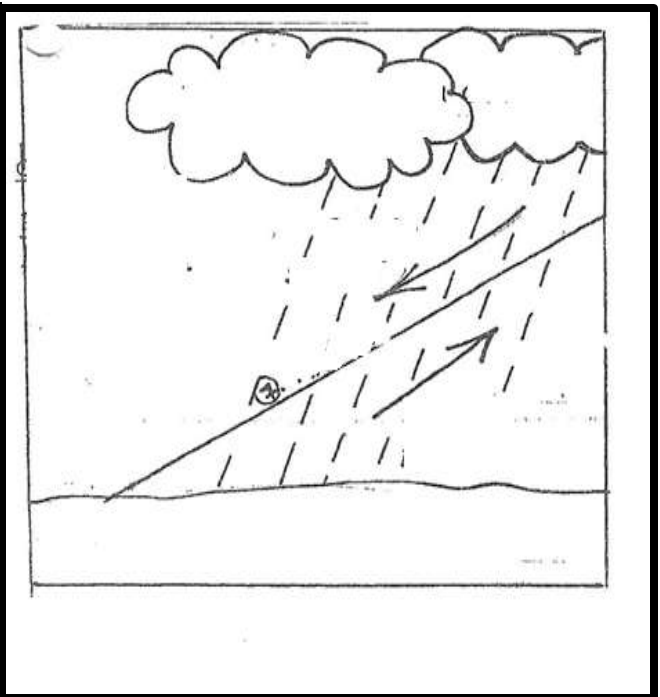
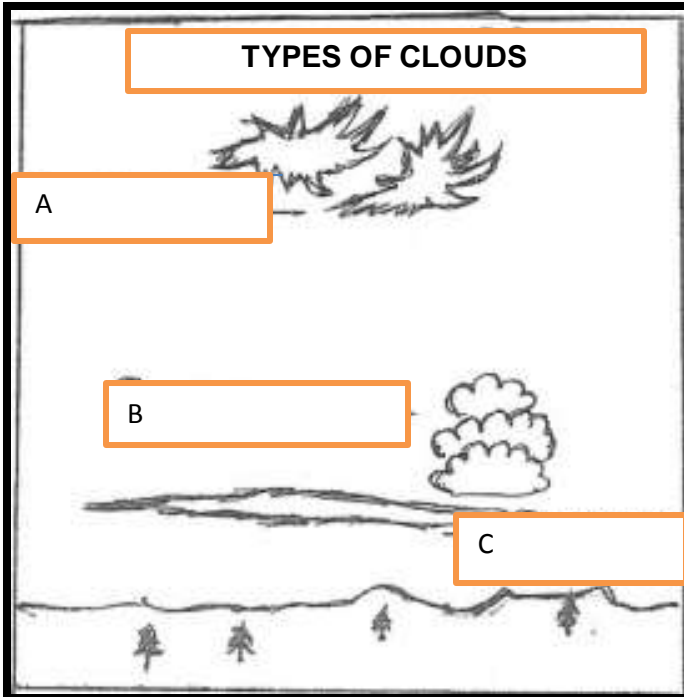


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VIII OBSERVE THE DIAGRAM AND LABEL THE FOLLOWING.

1. _____

2. _____



3. _____

4. _____

