

Name:.....
Class:.....
Date:.....

Revision of Atmosphere

1. What is atmosphere?
.....

2. Complete the text below about atmosphere. Use these words: *oxygen, air, nitrogen, water vapour*

Earth's atmosphere consist of 78% of, 21% of and 1% of carbon dioxide, argon and This mixture of gases is called

3. Complete the sentences.

a/ Weather are (*short-time (actual) / long-term*) conditions of atmosphere.

b/ (*Climatology / Meteorology*) studies climate.

4. Give the measuring instrument and proper units of measuring the air pressure.

Measuring instrument: Units:

5. Describe the type of weather according the picture.



a/..... b/..... c/..... d/.....

6. Underline correct words in sentence.

The atmosphere protects life on Earth by (*absorbing / not absorbing*) ultraviolet solar radiation and (*reducing / increasing*) temperature extremes between day and night.

7. Climate represents conditions of the atmosphere:

- long-time
- short-term
- long-term
- never-ending
- short-time

8. Cross out the unsuitable term.

latitude – altitude – distance form the sea – longitude – ocean currents – prevailing winds

9. Explain how ocean currents (as climate factor) influence the climate?
.....
.....

10. Put these terms into a logical order using the following grid.

Canary current, Atacama, SW coast of Africa, Sahara, Peru current, Namib, NW coast of Africa, Benguela current, W coast of South America

Ocean current	Coast	Desert
.....
.....
.....

11. Fill the blank gaps.

Coast	Ocean current	warm/cold
a) Western Europe
b)	Hokkaido (JAP)
c) E Australia
d).....	Brasil

12. Explain how distance from the sea (as climate factor) influences the climate?
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.....

13. Is the following statement correct? (yes/no). Justify your answer.

"The further from the sea, the lower temperature extremes."

.....
.....

14. Explain why London has a milder winter than Kiev.

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.....

15. Name the wind

a) *"Winds blowing from tropical high pressure areas to equatorial low pressure areas."*

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b) *"Winds blowing from tropical high pressure areas to temperate low pressure areas."*

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c) *"Winds blowing from polar high pressure areas to temperate low pressure areas."*

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d) *" Wind blowing from an ocean towards the land mass. It occurs in subequatorial areas, especially in South and South-East Asia (e.g. Bangladesh). This wind brings heavy rainfall."*

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e) *" Wind blowing from colder shore (coast) towards sea or lake during night."*

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f) *" Wind blowing from colder sea or lake towards shore (coast) during day."*

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16. Is the following statement correct? (yes/no) Justify your answer:

"Winter monsoon brings heavy rain."

.....

17. Draw and describe valley and mountain wind:

18. Draw and describe fohn:

19. Draw and briefly describe the coastal breeze:

20. Match the following:

- | | |
|----------------------------|-------------------|
| A/ wind with huge rainfall | 1/ hurricane |
| B/ warm dry wind | 2/ anticyclone |
| C/ high pressure | 3/ summer monsoon |
| D/ low pressure | 4/ fohn |

21. Describe weather conditions (a, b) and air characteristics (c, d):

- a) under cyclone during summer:
- b) under anticyclone during winter:
- c) air in cyclone:
- d) air in anticyclone:

22. Choose one climatic zone and match one vegetation cover (biome) that goes with it:

Climatic zone: - Vegetation cover: