

TEST UNIT 6 ATMOSPHERE

1. Which of the following gases is found in the largest amount of the air?
 - A. Argon
 - B. Oxygen
 - C. Nitrogen
 - D. Carbon dioxide
2. Which atmospheric layer are you in when taking an airplane?
 - A. Troposphere
 - B. Mesosphere
 - C. Stratosphere
 - D. Exosphere
3. The layer of the atmosphere in which weather change occurs is the _____.
 - A. Mesosphere
 - B. Troposphere
 - C. Thermosphere
 - D. Stratosphere
4. ข้อใดไม่ใช่ปัจจัยที่มีผลต่ออุณหภูมิของอากาศ
 - A. Solar radiation
 - B. Altitude above sea
 - C. Landforms
 - D. Air density
5. Which of the following is the correct order of the Earth atmospheric layers from the bottom to top ?
 - A. Thermosphere , mesosphere , stratosphere ,troposphere ,exosphere
 - B. Exosphere , thermosphere ,mesosphere , stratosphere , troposphere
 - C. Stratosphere, troposphere ,mesosphere , thermosphere, Exosphere
 - D. Troposphere , stratosphere , mesosphere , thermosphere , Exosphere
6. What is weather ?
 - A. The present condition of the clouds
 - B. The present condition of the atmosphere
 - C. The present temperature and atmosphere
 - D. The type of precipitation and wind speed

7. Which of the following is the **not** a component of weather ?

- A. Air temperature
- B. Humidity
- C. Gas
- D. Clouds

8. What is relative humidity ?

- A. The maximum amount of water that the air can hold compared to the amount of water vapor in the air
- B. The amount of water vapor that will condense at the dew point
- C. The maximum amount of water vapor in the air
- D. The amount of water vapor in the air compared to the maximum amount of water vapor that the air can hold

9. What direction is the wind blowing

- A. North
- B. East
- C. South
- D. West



10. When do clouds form?

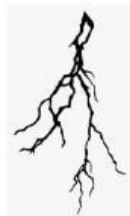
- A. When water vapor in the air becomes saturated
- B. When water on the Earth's surface evaporates
- C. When the atmosphere radiates heat
- D. When water droplets in clouds accumulate

11. Which type of clouds floats in the highest altitude?

- A. Cumulus clouds
- B. Cirrocumulus clouds
- C. Altocumulus clouds
- D. Stratocumulus clouds

12. Which of the following is caused by the electrical discharge within a cloud?

- A. Lightning strike
- B. Lightning
- C. Thunder
- D. Solar storm



13. ข้อใดความเร็วลมของพายุหมุนเขตร้อน (Tropical cyclone) แตกต่างจากข้ออื่น

- A. Willy-willy
- B. Tornado
- C. Hurricane
- D. Tropical depression

14. ข้อใดตอบได้ถูกต้องตามสัญลักษณ์แผนที่อากาศ

สัญลักษณ์	ชื่อสัญลักษณ์
D	1
☁	2
H	3
L	4

Number	1	2	3	4
A	Depression	Tropical storm	Typhoon	Thunderstorm
B	low-pressure area	Tropical storm	Typhoon	Depression
C	Depression	Typhoon	high-pressure area	low-pressure area
D	Typhoon	Tropical storm	Depression	low-pressure area

15. Which of the following groups does a monsoon belong to?

- A. Seasonal winds
- B. Local winds
- C. Diurnal winds
- D. Tropical cyclones

16. What is the main gas that contributes to the greenhouse effect ?

- A. Carbon dioxide
- B. Oxygen

- C. Nitrogen
D. Helium
17. What is global warming ?
- A. The melting of glacier
B. The pollution of the environment
C. The increase in temperature on Earth
D. The loss of species
18. Which of the following effects is from the rise in the amount of CFCs in the atmosphere?
- A. Decrease in air pollution
B. Lower air temperature
C. Higher risk of skin cancer in humans
D. Increase in the amount of ozone
19. The temperature of dry bulb is 60 °F and the temperature of wet bulb is 55 °F find relative humidity
- A. 60 %
B. 73 %
C. 76%
D. 82 %

		Dry-Bulb Temperature minus Wet-Bulb Temperature (°F)												
Dry-Bulb Temperature (°F)		1	2	3	4	5	6	7	8	9	10	15	20	25
	30	89	78	67	56	46	36	26	16	6				
	35	91	81	72	63	54	45	36	27	19	10			
	40	92	83	75	68	60	52	45	37	29	22			
	45	93	86	78	71	64	57	51	44	38	31			
	50	93	87	80	74	67	61	55	49	43	38	10		
	55	94	88	82	76	70	65	59	54	49	43	19		
	60	94	89	83	78	73	68	63	58	53	48	26	5	
	65	95	90	85	80	75	70	66	61	56	52	31	12	
	70	95	90	86	81	77	72	68	64	59	55	36	19	3
	75	96	91	86	82	78	74	70	66	62	58	40	24	9
	80	96	91	87	83	79	75	72	68	64	61	44	29	15
	85	96	92	88	84	80	76	73	70	66	62	46	32	20
	90	96	92	89	85	81	78	74	71	68	65	49	36	24
	95	96	93	89	86	82	79	76	72	69	66	52	38	28



Match the words with the pictures (weather forecast)

wind vane

Anemometer

Aneroid Barometer

Altimeter

Aerovane

Psychrometers

raingauge

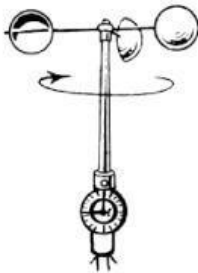
Thermometers



20.....



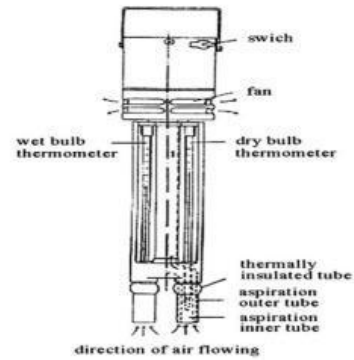
21.....



22.....



23.....



24.....

25.....