

#### SET -A

Date of Exam: 29-09-22 Time Allotted: 2 hours

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(Note: This question paper consists of 4 printed pages. Please check that you have all the pages.)

#### I. Choose the correct option:

 $(1 \times 10 = 10)$ 

- 1. Identify the important line of latitude that has the CORRECT matching location in degree (°).
  - a. Tropic of Capricorn 66½° S
  - b. Antarctic Circle 66½° N
  - c. Tropic of Cancer 23½° N
  - d. Equator 231/2° S
- 2. Who were the original inhabitants of Greenland?
  - a. Bedouins
  - b. Pygmies
  - c. Inuits
  - d. Bantu

There are two statements marked as Assertion (A) and Reason (R). Mark your answer as per the options provided below:

3. **Assertion** (A): Maps are used for various purposes.

**Reason(R):** A map is a drawing of the Earth or a part of it on a flat surface.

- a. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).
- b. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A).
- c. Assertion (A) is true but Reason (R) is false.
- d. Assertion (A) is false but Reason (R) is true.

4. Complete the illustration according to the model given.  Atlas: Book of maps :: Sketch :  a. Physical features	
b. Map without a scale	
c. Political map	
d. Graphical scale	
<ul><li>5. Icebergs are very dangerous for ships. Choose the correct reason.</li><li>a. It diverts the ship.</li></ul>	
b. It makes the place foggy and invisible.	
c. Ships may sink after hitting an iceberg.	
d. The marine compass doesn't work to get proper direction.	
There are two statements marked as Assertion (A) and Reason (R). Mark your answer as per the options provided below:	
<ul><li>6. Assertion (A): Places near the coast have moderate climate.</li><li>Reason(R): Places near the coast experience land and sea breeze.</li></ul>	
a. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation Assertion (A).	ı of
b. Both Assertion (A) and Reason (R) are true and Reason (R) is not the correct explanation of Assertion (A).	
c. Assertion (A) is true but Reason (R) is false.	
d. Assertion (A) is false but Reason (R) is true.	
7. What does the conventional symbol PO on a map indicate? a. Police Station	
b. Post Office	
c. Rest House d. Telegraph Office	
<ul><li>8. The lines of latitude on a globe are</li><li>a. 180</li><li>b. 360</li><li>c. 90</li></ul>	
d. 160	

9. Observe the table given below which gives information about the height of four places above sea level (altitude). Which among these places would be the coldest during summers?

Cities	Height above sea level
Kanpur	126 metres
Ludhiana	250 metres
Bengaluru	920 metres
Shimla	1250 metres

- a. Bengaluru
- b. Ludhiana
- c. Shimla
- d. Kanpur
- 10. The tent made of animal skin is\_\_\_\_\_.
  - a. Skidoos
  - b. Kayak
  - c. Umiak
  - d. Toupig

# **II. Name the following:**

 $(1 \times 2 = 2)$ 

- 1. The ratio between the size of the map and the area shown.
- 2. A spear with a long rope attached to it.

# III. Define the following:

 $(1 \times 2 = 2)$ 

- 1. Prime Meridian
- 2. Humidity

# IV. Answer the following:

 $(2 \times 4 = 8)$ 

- 1. What does the term 'Midnight Sun' mean?
- 2. How are directions and sub- directions usually shown in maps?
- 3. Differentiate between sea breeze and land breeze. (2 points each)
- 4. How can we locate a place on the globe with the help of the grid?

V. Answer in detail:  $(3\times4=12)$ 

### 1. Read the passage and answer the questions related to it.

The atmosphere is a mixture of gases but our modern lifestyle is upsetting the natural balance of these gases. Exhaust gases from vehicles and power stations add about six billion tonnes of carbon dioxide. The average temperature of the atmosphere has risen by almost 1°C in the last 200 years.

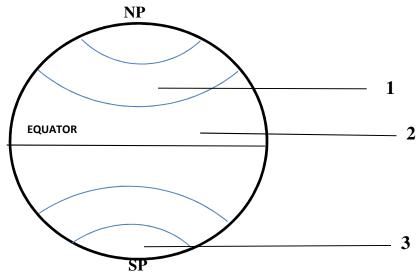
- a. What is global warming?
- b. Mention any two measures to be taken to reduce global warming.
- 2. What does the word Eskimo mean? What are the physical features of Eskimos in Greenland?
- 3. Define Globe. Differentiate between latitude and longitude. (2 points each)

### 4. Read the passage and answer the questions related to it.

Greenland is a part of Denmark. It has polar climate. Due to extreme cold, plant growth is not possible. Animals that can adapt themselves to the extreme cold live here. The people wear clothes made from animal skin.

- a. What are the common plants in Greenland?
- b. Name two animals whose fat or blubber is used as fuel to give heat and light?
- c. What do the Eskimos wear during the winter season? (2 points)

# VI. Label the heat zones of the Earth and write a sentence about each of them $(1\times3=3)$



# VII. Mark the following places on a political map of India:

 $(\frac{1}{2} \times 6 = 3)$ 

- 1. Gujarat
- 2. Uttarakhand
- 3. Chhattisgarh

- 4.West Bengal
- 5. Tamil Nadu
- 6. Kerala