

**Section A: Multiple Choice Questions - Each question has 4 options out of which ONLY ONE option is correct.
(20 X1 = 20 Marks)**

Q. No.	Answer	Q. No.	Answer	Q. No.	Answer	Q. No.	Answer
1.	D	6.	C	11.	B	16.	B
2.	B	7.	B	12.	C	17.	D
3.	A	8.	D	13.	C	18.	C
4.	B	9.	B	14.	A	19.	B
5.	D (consider C also)	10.	B	15.	B	20.	C

Section B: Answer the following questions in your answer sheets. (4 X2 = 8 Marks)

21. How do we use fire today? (2 Marks)

Fire is used today for numerous purposes:

- Cooking and heating. (1M)
- Generating electricity (in thermal power plants). (1M)
- Industrial processes (e.g., metallurgy, cement production). (1M)
- Controlled burns for forest management or agricultural residue disposal. (1M)

(Award full marks for any two correct and distinct uses of fire.)

22. What are the major landforms found in our state of Andhra Pradesh? (2 Marks)

The major landforms found in Andhra Pradesh are:

- The **Eastern Ghats** (hill ranges). (1M)
- The **Coastal Plains** (or Godavari-Krishna Delta Region). (1M)
- The **Deccan Plateau** (Rayalaseema region). (1M)

(Award full marks for correctly listing any two major landforms.)

23. If you went for a picnic near a forest and felt hungry, what are the available food items you could eat? (2 Marks)

If near a forest, available food items could include:

- Wild **Fruits** (e.g., berries). (1M)
- Edible **Tubers/Roots**. (1M)
- Edible **Nuts and Seeds**. (1/2 M)
- Wild Honey. (1/2M)

(Award full marks for correctly listing any two plausible food sources from a forest environment, drawing a parallel to hunter-gatherer food.)

24. Observe the world map and answer the following question. (2 Marks)

i) While explaining important latitudes on the Map, the teacher asked the student which latitude passes through Africa in the world map and divides it into two parts. Name that latitude.

- The latitude that passes through the middle of Africa and divides it into two parts is the **Equator (0° Latitude)**. (1M)

ii) Name an island country that lies near to our country?

- **Sri Lanka** (or Maldives). (1M)

Section C: Answer the following questions in your answer booklet. (5 X4 = 20 Marks)

25. Write any four differences between the Sun and Earth. (4 Marks)

1. **Nature/Composition:** The Sun is a **star** and a glowing sphere of hot gases. The Earth is a **planet** made of rock and liquid. (1M)
2. **Light/Heat Source:** The Sun is a **source of light and heat** (Luminous body). The Earth **reflects the light** received from the Sun (Non-Luminous body). (1M)
3. **Size:** The Sun is **vastly larger** than the Earth. The Earth is a **relatively small** planet. (1M)
4. **Movement/Position:** The Sun is the **center** of the Solar System. The Earth **revolves** around the Sun and **rotates** on its axis. (1M)

26. Fill the table with the hills and the district names where they are located. (4 Marks)

1. Yarada hills: **Visakhapatnam** (or Vizag) (1M)
2. Hills in SPSR Nellore: **Velikonda** (or others like Seshachalam hills which extend here) (1M)
3. Kondapalli hills: **Krishna** (or NTR) (1M)
4. Hills in Tirupati: **Tirupati** (or Chittoor) (1M)

27. The Earth basically has two movements. They are: Rotation and Revolution, Define them. Mention the important consequences and explain them. (4 Marks)

- **Rotation:** Movement of the Earth on its own **axis**. (1/2M)
 - **Consequence:** Causes **Day and Night**. (1M)
- **Revolution:** Movement of the Earth around the Sun in a fixed path or orbit. (1/2M)
 - **Consequence:** Causes the **change of Seasons** (due to the tilt of the Earth's axis). (2M)

28. Observe the following map and answer the questions. (4 Marks)

1. If the car starts moving straight from the starting point, in which direction is it travelling?
 - **North**. (1M)
2. David went to the library. In which direction is it located from his house?
 - **South**. (1M)
3. Whose house is located near the school?
 - **Ruth's House**. (1M)
4. Ariana and Catherine going to the park from the school. In which direction is it located?
 - **North-East** (or North, then East). (1M)

29. Why do plain areas have dense settlements? (4 Marks)

Plain areas have dense settlements due to:

- **Fertile Soil:** Excellent for **agriculture** and food production. (1M)
- **Ease of Transportation:** Easy and cheap **construction of roads and railways**. (1M)
- **Availability of Water:** Reliable supply of **water** from rivers. (1M)
- **Ease of Construction:** Easier to build houses and infrastructure on flat land. (1M)

(Award full marks for any four distinct and correct reasons.)

Section D: Answer the following questions in your answer booklet. An internal choice is provided for the questions. (4 X8 = 32 Marks)

30. A) What do you understand by satellite? Write about any four important features of the Earth's natural satellite. (8 Marks)

- **Definition of Satellite:** A celestial body that **revolves around a planet** is called a satellite. (1M)
- **Important Features of the Earth's Natural Satellite (The Moon):**
 1. **Only Natural Satellite:** It is the **only natural satellite** of the Earth. (1M)
 2. **Distance and Size:** It is about 384,400 km away and is about **one-quarter the size of the Earth**. (2M)
 3. **No Atmosphere/Water:** It has **no air or water** and thus cannot support life. (2M)
 4. **Period of Movement:** It takes about **27 days to complete one revolution** and one rotation, which is why only one side is seen. (2M)

OR

B) Air and water are essential to live on the Earth. But now they are being polluted in lakhs. What happens to the life of humans on this Earth if pollution increases further? (8 Marks)

- **Impact on Human Health:** Increased pollution will cause a rise in **respiratory diseases** (e.g., asthma) and **waterborne diseases** (e.g., cholera). (3M)
- **Food Scarcity and Contamination:** Polluted soil and water will contaminate **crops and fish**, leading to poor nutrition and poisoning. (2M)
- **Climate Change and Natural Disasters:** Greenhouse gases will worsen **global warming**, leading to extreme weather events and rising sea levels. (2M)
- **Scarcity of Resources:** Severely polluted water will become unusable, causing a major **shortage of clean drinking water**. (1M)

31. B) Observe the earth's hemisphere and give answers for the following questions. (8 Marks)

1. Which hemisphere has the largest land mass?
 - The **Northern Hemisphere**. (2M)
2. India and Sri Lanka are located in which hemisphere of the Earth?
 - The **Northern Hemisphere**. (2M)
3. The Earth's rotational axis is an imaginary line that passes through which two points on the globe?
 - The **North Pole** and the **South Pole**. (2M)
4. If you're travelling from India to Australia in which general direction will you move to reach in least time?
 - **South-East**. (2M)

32. B) What do you understand by nomadic life? Mention any four reasons why hunter-gatherers moved from one place to another? (8 Marks)

- **Definition of Nomadic Life:** A way of life characterized by **frequent movement** from one place to another, rather than settling permanently. (2M)
- **Four Reasons for Movement (Hunter-Gatherers):**
 1. **Resource Exhaustion:** They moved when resources (plants and animals) in one area were **eaten up**. (2M)
 2. **Tracking Prey:** They had to **follow the movement of animals** they hunted. (2M)
 3. **Seasonal Changes (Plants):** They moved to find **seasonal fruits and products** in different regions. (1M)
 4. **Water Availability:** They moved in search of **water** when water sources dried up in the dry seasons. (1M)

33. A) Locate and label the following places on the INDIA map. (8 Marks)

(Indicate locations on the map.)

1. **Punjab:** North-West India. (2M)
2. **Odisha:** Eastern India, along the Bay of Bengal coast. (2M)
3. **Sikkim:** North-East India, bordered by Nepal, China, and Bhutan. (2M)
4. **Tamilnadu:** South India, forming the tip of the peninsula. (2M).....(map enclosed)

OR

B) Locate and label the following places on the INDIA map. (8 Marks)

(Indicate locations on the map.)

1. **Kolkata:** Located on the East coast near the Bay of Bengal (West Bengal). (2M)
2. **Kanyakumari:** Southernmost tip of the mainland of India (Tamil Nadu). (2M)
3. **Bhopal:** Located in Central India (Madhya Pradesh). (2M)
5. **Mumbai:** Located on the West coast of India (Maharashtra). (2M)(map enclosed)

Prepared by:

School:.....

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