

1. State two parts of environment. (2mks)

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2. (a) What does rotation of the earth mean? (1mk)

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(b) Give four effects of the rotation of the earth. (4mks)

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3. Define the following terms.

(a) Asteroids. (2mks)

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(b) Comets. (2mks)

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4. State and explain four factors influencing cloud cover. (8mks)

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5. Give three characteristics of the thermosphere. (3mks)

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6. With the aid of a well-labelled diagram, describe the formation of relief rainfall.

(10mks)

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7. Explain four factors that influence the amount of solar radiation that reaches the earth's surface.

(8mks)

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8. State three conditions necessary for dew formation. (3mks)

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9. Define the following terms : (2mks)

(a) Cyclones

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(b) Tornadoes

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10. With a labelled diagram describe the formation of anabatic winds. (10mks)

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11. (a) What is a Stevenson screen? (2mks)

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(b) Give reason why a Stevenson screen: (2mks)

(i) Is painted white

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(ii) Has louvers

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(c) State four factors for siting an ideal weather station. (4mks)

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12. State three reasons why the interior of the earth is very hot. (3mks)

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13. List the main planetary wind system found in the southern hemisphere. (3mks)

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14. (a) Explain five importance of a geographer studying field work. (5mks)

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(b) State five problems likely to be encountered during field work. (5mks)

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15. Explain five factors to consider when a preparing a questionnaire. (8mks)

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16. Explain four significance of weather forecasting. (8mks)

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17. State four advantages of using interview as a method of data collection in a field study. (4mks)

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18. (a) Define the term humidity. (1mk)

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(b) Give three significance of humidity in the atmosphere. (3mks)

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