

### Mid Term - Mock Test

**Total Marks: 30****I. Identify the layer of the Earth.**

1. This layer is made up of metals iron and nickel and it is in liquid state: \_\_\_\_\_ /1
2. This layer has the melted rocks called magma, which can move like a liquid: \_\_\_\_\_ /1
3. This layer is formed of rocks and it is the most coolest layer of the Earth: \_\_\_\_\_ /1
4. This layer has temperature of 6000°C which is as hot as the surface of the sun and it is solid in state: \_\_\_\_\_ /1
5. The thinnest layer of the Earth which is formed of rocks, about 5km thick under the oceans and about 70 km thick under the land is called: \_\_\_\_\_ /1

**II. Fill in the words to complete these sentences. Use these words: \_\_\_\_\_ /4**

<b>Earthquakes</b>	<b>Ring</b>	<b>ejects</b>	<b>tsunami</b>	<b>Fire</b>	<b>breaks</b>	<b>Pacific</b>	<b>epicentre</b>
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5. The volcano \_\_\_\_\_ material from the crater.
6. Volcanoes form where there are \_\_\_\_\_ in the Earth's crust.
7. When an earthquake starts under the sea it causes a giant wave called a \_\_\_\_\_.
8. Volcanoes and \_\_\_\_\_ are common around the \_\_\_\_\_ Ocean. This area is called the Pacific \_\_\_\_\_ of \_\_\_\_\_.
9. The worst damage at the surface is experienced immediately above the focus at a point called the \_\_\_\_\_

III. Read the statements and write whether it is an **advantage or disadvantage** of living near to a volcano:

/4

10. Lava makes good soil and ash fertilizes the soil. \_\_\_\_\_

11. Lava burns and buries crops and buildings. \_\_\_\_\_

12. Underground water is heated by magma. This water comes to the surface as hot springs. These are tourist attractions. \_\_\_\_\_

13. Tourists come to watch volcanoes erupting. This provides employment for many people in the volcanic regions. \_\_\_\_\_

IV. Mike sees this bird.

/1



14. The bird has a beak suited to help it feed in the habitat where it lives. Tick (✓) **one** box that describes how the bird feeds.

Use the picture to help you.

Uses its beak to pick up seeds from the ground

Uses its beak to pull insects from the mud

Uses its beak to scoop up large fish into its mouth

Uses its beak to pull plants from the water



- V. On 6 February 2023, an earthquake of magnitude 7.8 struck southern and central Turkey and northern and western Syria. The **epicenter** was 32 km west–northwest of Gaziantep.



15. What causes an earthquake to happen?

/1

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16. What are the 3 safety precautions that can be taken during an Earthquake?

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- VI. Arun is reading his science book.



17. Identify the source of light.

/1

18. Identify the object he sees.

/1

19. Write a sentence to explain how Arun can see the object.

/1

20. Draw a ray diagram in the above picture showing how Marcus sees the object. Label arriving ray and reflected ray.

/3

VII. Write down whether the statement is **true or false**. If it is false **rewrite** it into correct sentence. /4

21. Light can travel round corners.

\_\_\_\_\_

22. Proof is the evidence that shows that something is true.

\_\_\_\_\_

23. The reflection of your face in the mirror is called photograph.

\_\_\_\_\_

24. All objects that we are able to see are sources of light.

\_\_\_\_\_

VIII. Fathima is trying to classify different materials whether it is a source of light, reflecting surface or absorbing surface by testing it. Help her to fill in the table based on your learning.

/3

25.

<b>Wood</b>	<b>Torch</b>	<b>Aluminum foil</b>	<b>woollen clothes</b>	<b>Clear water</b>	<b>candle light</b>
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<b>Source of light</b>	<b>Reflecting surface</b>	<b>Absorbing surface</b>

26. Identify and circle, which among the five types of scientific enquiries she has done. /1



Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class: \_\_\_\_\_

Max Marks: 30

Time Duration: 60 minutes

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Research

Fair testing

Observing over time

Identifying and classifying

Pattern seeking