



GEOGRAPHY

BOOKS - FULL MARKS GEOGRAPHY (HINGLISH)

INTERIOR OF THE EARTH

**Ncert Textbook Questions With Answers Multiple
Choice Questions**

1. Which one of the following earthquake waves is more destructive?

A. 1. P-waves

B. 2. S-waves

C. 3. Surface waves

D. 4. None of the above

Answer: A



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2. Which of the following is/are direct source(s) of information about the interior of the earth?

1. Earthquake wave
2. Volcano
3. Gravitational force
4. Earth magnetism

Select the correct answer using the code given below.

A. 1. Earthquake waves

B. 2. Volcanoes

C. 3. Gravitational force

D. 4. Earth magnetism

Answer: A



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3. Which type of volcanic eruptions have caused Deccan Trap formations?

A. 1. Shield

B. 2. Flood

C. 3. Composite

D. 4. Caldera

Answer: B



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4. Which one of the following describes the lithosphere?

A. Upper and lower mantle

B. Crust and upper mantle

C. Crust and core

D. Mantle and core

Answer: B



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5. Answer the following questions in about 30 words.

(i) What are body waves?



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6. Answer the following questions in about 30 words.

(ii) Name the direct sources of information about the interior of the earth.



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7. Answer the following questions in about 30 words.

(iii) Why do earthquake waves develop shadow zone?





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8. Answer the following questions in about 30 words.

(iv) Briefly explain the indirect sources of information of the interior of the earth other than those of seismic activity



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9. What are the effects of propagation of earthquake waves on the rock mass through

which they travel?



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10. Answer the following questions in about 150 words.(ii) What do you understand by intrusive forms? Briefly describe various intrusive forms.



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Additional Questions With Answers | Multiple Choice Questions

1. How do we measure magnitude of earthquake?

A. 1. Richter scale

B. 2. Mercalli scale

C. 3. Measuring scale

D. 4. Seismograph

Answer: A



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2. How do we measure intensity of earthquake?

A. 1. Richter scale

B. 2. Mercalli scale

C. 3. Measuring scale

D. 4. Seismograph

Answer: B



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3. Fast moving waves which reach the earth earliest are called

A. 1. Alpha Waves

B. 2. S-Waves

C. 3. P-Waves

D. 4. Beta Waves

Answer: C



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4. The upper portion of mantle is called:

A. 1. Asthenosphere

B. 2. Crust

C. 3. Lithosphere

D. 4. Fossil Sphere

Answer: A



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5. What is the approximate depth of mantle?

A. 1. 2400 km

B. 2. 2900 km

C. 3. 3200 km

D. 4. 3500 km

Answer: B



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6. Core is made of which metals?

A. Iron and Magnesium

B. Iron and silicon

C. Nickel and Iron

D. Nickel and Magnesium

Answer: C



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7. What is the density of the rocks between the adjoining line on mantle and core?

A. 1. 3-4 gm per sq cm

B. 2. 5 gm per sq cm

C. 3. 4-5 gm per sq cm

D. 4. 6 gm per sq cm

Answer: B



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8. What is the thickness of the crust?

- A. 1. 10 km to 200 km
- B. 2. 50 km to 300 km
- C. 3. 30 km to 400 km
- D. 4. 100 km to 200 km

Answer: A



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9. What is the density of the rocks of mantle?

A. 1. 3-4 gm per sq cm

B. 2. 5 gm per sq cm

C. 3. 4-5 gm per sq cm

D. 4. 6 gm per sq cm

Answer: A



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10. Crust and upper portion of mantle taken together is called:

A. 1. Asthenosphere

B. 2. Magma

C. 3. Lithosphere

D. 4. Core

Answer: C



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11. What is the mean thickness of oceanic crust? (1) 5 km (2) 30 km (3) 10 km (4) 70 km

A. 1.5 km

B. 2.30 km

C. 3.10 km

D. 4.70 km

Answer: A



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12. What is the mean thickness of continental crust? (1) 5 km (2) 30 km (3) 10 km (4) 70 km

A. 1.5 km

B. 2.30 km

C. 3.10 km

D. 4.70 km

Answer: B



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**Additional Questions With Answersii Table Based
Question**

1. Complete the following table by writing appropriate answer.



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Additional Questions With Answers Iii Very Short Answer Type Questions

1. By which metals is core made of?



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2. Name the deepest mine of the world.



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3. How do we measure magnitude of earthquake?



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4. What is the thickness of the crust in oceans, continents and mountains? (1) 40km and 6km

(2) 70km and 10km (3) 90km and 15km (4)

100km and 25km



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5. What do you mean by dykes? (1) It a barrier used to regulate or hold back water from a river, lake, or even the ocean. (2) It is a tributary of Krishna river (3) Form of heavy mountain rocks (4) badlands soil



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6. What do we get to know about the interior of the earth through mining?



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7. What do you mean by gravitational anomaly?



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8. What do you mean by caldera? (a) Rocks that found in rain forests (b) A volcanic crater of volcano (c) Soil degradation (d) Afforestation



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9. When can an earthquake cause tsunami?



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10. What are different types of forces?



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11. Name the interior most part of the earth.

What is its depth?



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12. What is a volcano?



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13. What are intrusive forms?



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14. What are batholiths?



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15. What do you mean by hypocentre?



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16. What are surface waves?



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17. What do you mean by lacoliths?



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18. What do you mean by lacoliths?



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19. What do you mean by phacoliths?



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20. What do you mean by sills?



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21. What is magma?



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22. Give meaning of mid-ocean ridge volcanoes.



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Additional Questions With Answers Iv Short Answer Type Questions

1. Write a note on composite volcanoes.



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2. Give a brief description of caldera.



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3. Write a short note on flood basalt provinces.



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4. Explain the uppermost layer of the earth crust.



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5. Explain the innermost layer of the earth core.



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6. Explain the middle layer of the earth mantle.



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7. Write a short note on shield volcanoes.



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8. What are the effects of earthquake?



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9. What is earthquake? Discuss focus/hypocentre and epicentre. How do we measure its magnitude and intensity?



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10. Differentiate between Body waves and Surface waves?



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11. Differentiate between Primary waves and Secondary Waves ?



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**Additional Questions With Answers V Diagram
Based Question**

1. Study the diagram given below and answer the questions that follow:

(i) Write a short notes on the Crust and Mantle?

(ii) How does you know about the Core?
Discuss.



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**Additional Questions With Answers Vi Long
Answer Type Questions**

1. Explain different types of earthquakes.



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2. What are different sources of information about the interior of the earth?



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3. Explain different types of earthquake waves.



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4. How does shadow zone emerge?



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5. Explain the interior structure of the earth.



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6. In how many groups are volcanoes classified on the basis of nature of eruption and the

form developed at the surface? Explain.



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Additional Questions With Answers Vii Hots Questions

1. How does shadow zone emerge?



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2. How will you locate epicentre of an earthquake?



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Test Assignment I Answer The Following Questions In 30 Words

1. Name two sources that provide information about interior of the earth. (1) Direct sources (2) Indirect sources (3) Both (1) and (2) (4) None of these



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2. What are endogenic processes?



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3. What are active volcanoes?



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4. What do you mean by magma?



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5. Give meaning of lacolith and lapolith.



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Test Assignment li Answer The Following Questions In 60 Words

1. Differentiate between crust and core.



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2. Name the indirect sources of information about the interior of the earth.



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3. Why do earthquake waves develop shadow zone?



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4. Briefly explain the direct sources of information of the interior of the earth.



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5. Why does shaking of the earth take place?



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Test Assignment iii Answer The Following Questions In 150 Words

1. What are the effects of propagation of earthquake waves on the rock mass through which they travel?



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2. Explain different types of volcanic landforms.



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