



GEOGRAPHY

BOOKS - FULL MARKS GEOGRAPHY (HINGLISH)

MINERALS AND ROCKS

Ncert Textbook Questions With Answers

1. Which one of the following are the two main constituents of granite?

A. 1. Iron and nickel

B. 2. Iron and silver

C. 3. Silica and aluminium

D. 4. Iron Oxide and potassium

Answer: C



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2. Which one of the following is the salient feature of metamorphic rocks?

A. 1. Changeable

B. 2. Quite

C. 3. Crystalline

D. 4. Foliation

Answer: A



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3. Which one of the following is not a single element mineral?

A. 1. Gold

B. 2. Silver

C. 3. Mica

D. 4. Graphite

Answer: C



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4. Which one of the following is the hardest mineral?

A. 1. Topaz

B. 2. Diamond

C. 3. Quartz

D. 4. Feldspar

Answer: B



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5. Which one of the following is not a sedimentary rock?

A. 1. Tillite

B. 2. Borax

C. 3. Breccia

D. 4. Marble

Answer: D



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6. What do you mean by rocks? Name the three major classes of rocks.



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7. What is an igneous rock? Describe the method of formation and characteristics of igneous rock.



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8. What is meant by sedimentary rock? Describe the mode of formation of sedimentary rock.



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9. What relationship explained by rock cycle between the major type of rocks?



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10. Define the term 'mineral' and name the major classes of minerals with their physical characteristics.



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11. Describe the nature and mode of origin of the chief types of rock at the earth's crust. How will you distinguish them?



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12. What are metamorphic rocks? Describe the types of metamorphic rock and how are they formed?



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Additional Questions With Answers | Multiple Choice Questions

1. Science of minerals is called:

- A. Minerology
- B. Mineral Science
- C. Petrology
- D. Ironology

Answer: C



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2. Which rocks are formed by metamorphism of lime stone?

A. Marble

B. Slate

C. Granite

D. Schist

Answer: D



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3. Petrology does not study:

A. Structure of Minerals

B. Shape and Organization of Minerals

C. Sources of Minerals

D. Types of rocks

Answer: C



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4. Which of the following is not an example of metamorphic rocks?

A. Slate

B. Marble

C. Limestone

D. Schist

Answer: A



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5. During metamorphism in some rocks grains or minerals get arranged in layers or lines. Such an arrangement of minerals or grains in metamorphic rocks is called what?

- A. Lineation
- B. Arrangement
- C. Functionality
- D. Disshaping

Answer: D



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6. Which of the following mineral is hardest?

A. Gypsum

B. Calcite

C. Topaz

D. Diamond

Answer: C



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7. Which of the following mineral is non metallic?

A. Iron

B. Copper

C. Coal

D. Gold

Answer: D



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8. Which of the following is not a sedimentary rock?

A. Sandstone

B. Coal

C. Limestone

D. Marble

Answer: D



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9. Which of the following is not an example of igneous rocks?

A. Granite

B. Gabbro

C. Pegmatite

D. Marble

Answer: D



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10. 98 % of the crust of the earth is made of eight elements. Which of the following is not among these eight elements?

A. Oxygen and Silicon

B. Aluminium and Iron

C. Calcium and Sodium

D. Mica and Granite

Answer: D



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11. Which of the following is not a precious metal?

A. Gold

B. Silver

C. Platinum

D. Copper

Answer: D



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12. Which of the following is a ferrous mineral?

A. Copper

B. Iron Ore

C. Aluminium

D. Tin

Answer: B



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13. Which of the following is a non-ferrous mineral?

A. Copper

B. Aluminium

C. Tin

D. All the above

Answer: D



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Additional Questions With Answers | Table Based Question

1. Complete the following table by writing appropriate answer:



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Additional Questions With Answers | Very Short Answer Type Questions

1. What does Pyroxene consists of? What percent of the earth does it occupy? What kind of colour it has?



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2. What does Amphibole consists of? What percent of the earth does it occupy? What kind of colour it has? Where is it used?



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3. What are the important elements of the crust of the earth?



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4. What do you mean by cleavage?



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5. What do you mean by fracture?



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6. What does Feldspar consists of? What percent of the earth does it occupy? What kind of colour it has? Where is it used?



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7. What is petrology?



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8. Give some examples of igneous rocks.



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9. What is rock cycle?



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10. What is Quartz? Give some of its features.



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11. What is the form of inner and outer form of the earth?



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12. What is the root source of all types of rocks?



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13. Give one example of solid, liquid and gaseous form of minerals.



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14. What does mica consists of? What per cent of the earth crust consists of mica? In which type of rocks is it found? Where is it used?



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15. What are non-metallic minerals? Give examples.



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16. What does Olivine consists of? In which type of rocks is it found?



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17. What are the root sources of igneous rocks?



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18. How does soil formation takes place in nature? Explain.



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19. What kind of qualities do minerals have?



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20. Name the minerals which are single elements?



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21. Name the hardest and softest mineral?



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22. Name the mineral which is used in Asbestos industry?



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Additional Questions With Answers Iii Short Answer Type Questions

1. Classify the sedimentary rocks on the basis of mode of formation.



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2. What are metallic minerals? Explain their classification with examples.



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3. Explain the features of sedimentary rocks.



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4. Differentiate between:

(i) Minerals and rocks

(ii) Sedimentary and igneous rocks

(iii) Igneous and metamorphic rocks

(iv) Extrusive Igneous and intrusive igneous.



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Additional Questions With Answers V Diagram Based Questions

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



(i) What do you understand by rock cycle?



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



(ii) How do sedimentary rocks form?



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



(iii) By which process the sedimentary rocks transformed into metamorphic rock?



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Additional Questions With Answers Vi Long Answer Type Questions

1. Explain any six physical characteristics?



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2. Explain some important minerals and their characteristics.



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3. Rocks do not remain in their original form for long but may undergo transformation. Explain.



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Additional Questions With Answers Vi Hots Questions

1. Igneous rocks act as a source of all other types of rocks. Justify.



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2. Metallic minerals are more useful as compared to non metallic minerals. Do you agree? Justify your answer.



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Test Assignment

1. What do you mean by petrology?



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2. What is lineation?



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3. What are metamorphic rocks ? Give one example



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4. Give meaning of dynamic metamorphism.



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5. Give two examples of ferrous minerals.



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6. Differentiate between igneous rocks and sedimentary rocks.



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7. Differentiate between rocks and minerals.



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8. Classify the sedimentary rocks on the basis of mode of formation.



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9. What are metallic minerals? Explain their classification with examples.



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10. What do you understand by banded rocks?



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11. What are rocks? What are different types of rocks?



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