

I. Choose the correct answer.

(10× 1=10)

- \_\_\_\_\_ is the largest producer of hydroelectricity.
  - Japan
  - China
  - Qatar
  - South Africa
- Electricity produced from coal is called as \_\_\_\_\_.
  - Nuclear Powder
  - Thermal Powder
  - Hydel Powder
  - Solar Powder
- \_\_\_\_\_ is produced from Bauxite ore.
  - Aluminum
  - Iron
  - Copper
  - Manganese
- \_\_\_\_\_ is used for making ornaments and in dentistry.
  - Iron
  - Gold
  - Aluminum
  - Manganese
- Where is the largest solar power project situated in India?
  - Aralvaimozhi
  - Kamuthi
  - Muppandal
  - Neyveli
- Petroleum and its derivatives are called as \_\_\_\_\_.
  - White gold
  - Black gold
  - Bauxite
  - Biotite
- Which is one of the first metals known and used by man?
  - Copper
  - Iron
  - Gold
  - Silver
- Chile is the world's number one country in the production of \_\_\_\_\_.
  - Copper
  - Iron
  - Aluminum
  - Gold
- \_\_\_\_\_ is the most abundantly found fossil fuel.
  - Limestone
  - Coal
  - Silver
  - Mica
- Which one of the following is a renewable resource?
  - Gold
  - Iron
  - Petrol
  - Solar energy

II. Fill in the blanks.

(5× 1=5)

- Fossil fuel resources are normally formed from the remains of dead \_\_\_\_\_ and \_\_\_\_\_.
- Photovoltaic devices or solar cells directly convert solar energy into \_\_\_\_\_.
- Abiotic resources are the \_\_\_\_\_ parts of an environment.
- \_\_\_\_\_ is used in making electrical batteries.
- The Chief petroleum producing countries are Saudi Arabia, Iran, Iraq and \_\_\_\_\_.

III. Match the following.

(10× 1=10)

- |                       |                                |
|-----------------------|--------------------------------|
| 1. Renewable resource | - Lignite                      |
| 2. Black gold         | - Wind energy                  |
| 3. Natural gas        | - Sedimentary rock             |
| 4. Biotic resource    | - Domestic and Industrial fuel |
| 5. Karnataka          | - Organic material             |
| 6. Lime stone         | - Kolar gold field             |

7. Solar energy

- Hydroelectricity

8. Hydro power

- Magnetite and Hematite

9. Iron

- Solar cells

10. Coal

- Petroleum

IV. Answer in one word.

(5× 1=5)

- This is a steel – greyed, hard, shiny and brittle metal.
- These resources can be used repeatedly and replaced naturally.
- This is formed when dead plant matter is converted into peat.
- This is composed mainly by skeletal fragments of marine organisms.
- This country is the world's number one country in the production of copper.

V. Distinguish the following (Any Two)

(2× 2½=5)

- Metallic resources and Non-Metallic resources.
- Biotic resources and Abiotic resources.
- Renewable resources and Non-Renewable resources.

VI. Give reasons for the following.

(2× 2=4)

- Water is considered as a great source of energy.
- Aluminum has a wide range of uses compared to other metals.

VII. Answer the following. (Any Eight)

(8× 2=16)

- What are the uses of Iron?
- Write a short note on Duralumin.
- What are the uses of mica?
- Define – Resource.
- Name the types of coal based on carbon content.
- What are the major utilizers of solar energy in the world?
- What are the uses of limestone?
- What is the importance of natural resource?
- What is meant by thermal power?
- Name any four metallic resources.

VIII. Answer in detail. (Any Two)

(2× 5=10)

- What are the different types of fossil fuel resources? Explain them.
- Explain the different types of renewable resources.
- Describe the non-metallic resources.

IX. Plot the following countries on the political map of the world.

(10× 1=10)

- |          |                 |           |           |
|----------|-----------------|-----------|-----------|
| 1. India | 2. Saudi Arabia | 3. China  | 4. Russia |
| 5. USA   | 6. South Africa | 7. Brazil | 8. Peru   |
| 9. Chile | 10. Australia   |           |           |