

I-Text Book

A. Answer the following questions:-

- 1) A mixture of two or more metals.
- 2) When they are heated to temperature.
- 3) Luminous bodies give off light such as sun and stars and non- luminous bodies are visible only when they receive light from some luminous bodies and reflect it to our eyes.
- 4) Stainless steel
- 5) As long as one living thing is dependent on another whenever the scales are tipped, nature takes the steps to tip the scale again.
- 6) If the earth had no atmosphere, the sky and the stars would appear at dead black sky.
- 7) Produce a rise in temperature – evaporation – melting – cause chemical actions.
- 8) It is necessary to reduce further the amount of carbon which the iron contains. This is done by heating the iron up again in e.g. a **Bessemer converter** or an electric-furnace.
- 9) Cast iron: is cheap but brittle and was unsuited for anything to undergo tension or bending. Wrought iron: soft iron or pure iron made from cast iron by a laborious process called puddling.
- 10) Iron ore – Coke – Limestone – Hot air.

II- Grammar and Vocabulary

A. Choose the correct answer;

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|---------------|---------------|-------------|----------------------|--------------|
| 1)went | 2) wake up | 3) Both | 4) was sent | 5) effect |
| 6) Although | 7) because of | 8) is being | 9) will answer | 10) traveled |
| 11) is spoken | 12) up | 13) for | 14) would have saved | 15) Although |

III- Reading Comprehension

A- Answer the following questions:-

- 1) Light from the sun is practically inexhaustible and is available everywhere.
- 2) photovoltaic cells.

B- Choose the correct answer :

- 1) solar panel
- 2) Silicon
- 3) p-n junction

IV- Writing a paragraph

Writing is assessed by the examiner.