

**INDIAN SCHOOL SOHAR**  
**FORMATIVE ASSESSMENT-2**  
**SUBJECT: SCIENCE**

**SET:-1**

**CLASS:- VIII**  
**DATE:- 27-08-2013**

**MARKS:-25**  
**TIME:-45 MINS**

---

**I. CHOOSE THE APPROPRIATE ANSWER FROM THE OPTIONS GIVEN BELOW: (1x4=4)**

1. Forests help in checking?  
a) climatic changes                      b) desertification                      c) poaching                      d) floods and soil erosion
2. Which of these exists as a liquid at room temperature?  
a) Bromine                      b) Sulphur                      c) Silicon                      d) Nitrogen
3. Metals react with dilute acids to form :  
a) metal hydroxide                      b) metal oxide                      c) salt and hydrogen gas                      d) does not react
4. Natural gas mainly consists of?  
a) ethane                      b) methane                      c) ethylene                      d) polythene

**II. VERY SHORT ANSWER TYPE QUESTIONS : (1x7=7)**

**A. FILL IN THE BLANKS:**

1. Another name for crude oil is \_\_\_\_\_.
2. \_\_\_\_\_ are chemicals derived from petroleum and natural gas.
3. The property by which metals can be drawn into wires is called \_\_\_\_\_.
4. \_\_\_\_\_ tree is a source of anti-malarial drug.

**B. STATE WHETHER TRUE OR FALSE. ALSO CORRECT THE FALSE STATEMENTS:**

1. The forest conservation act was launched in India in 1973 to check the dwindling population of tigers.
2. Lignite contains 90% of Carbon content.
3. Non-metals react with dilute acids forming salts.

**III. VERY SHORT ANSWER TYPE QUESTIONS: (2x4=8)**

1. Give an example for the following:  
a) Biosphere Reserve in India \_\_\_\_\_.  
b) Exhaustible Resource \_\_\_\_\_.  
c) A National Park in India \_\_\_\_\_.  
d) An alloy \_\_\_\_\_.
2. How is coal broken down to simpler substances? Define the process and the products obtained. (write 4 points).
3. What are the consequences of deforestation? (write any 4 points).
4. Explain with an equation to show what happens when metals and non-metals react with dilute acids.

**IV. SHORT ANSWER TYPE QUESTIONS: (3x2=6)**

1. a) Geeta's mother advised her not to store food items in metal containers. Justify.  
b) What are endemic species? Give an example.  
c) How can leakage in pipelines and storage tanks be detected?
2. With the help of a neat labeled diagram, explain Displacement Reaction.