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**SARDAR PATEL UNIVERSITY
THIRD YEAR B.Sc.(FIFTH SEMESTER) EXAMINATION**

2013

FRIDAY, 22nd NOVEMBER

10:30 am TO 1:30 pm

US05CENV 05 (NATURAL RESOURCES)

Marks: 70

- Note: 1. Answers of all the questions (including multiple choice questions) should be written in the provided answer book only**
2. Draw neat and labelled diagrams wherever necessary

Q.1. Select the correct answer and write it in the answer sheet.

[10]

1. Forest is a _____ natural resource.
(a) biotic (b) abiotic (c) cyclic (d) potential
2. FAO is concerned with _____.
(a) Food (b) land (c) water (d) None of these
3. _____ is a biocide.
(a) neem (b) tulsi (c) both (d) None of these
4. _____ is an alternative energy resource.
(a) solar (b) wind (c) geothermal (d) all of the above
5. Biotic resources are _____.
(a) plants (b) animals (c) microbes (d) all of the above
6. NALCO deals with _____.
(a) manganese (b) aluminium (c) iron (d) gold
7. Landfill is a method of _____ management.
(a) water (b) land (c) solid waste (d) none
8. The hardest substance is _____.
(a) graphite (b) gold (c) diamond (d) aluminium
9. Bauxite is an ore of _____.
(a) Zinc (b) Copper (c) Lead (d) Aluminium
10. Drip irrigation is a method of _____ conservation.
(a) land (b) water (c) forest (d) None

Q.2. Answer the following. (Any ten)

[20]

1. Write about biotic resources.
2. What is solar power? Explain.
3. Write about geothermal energy.
4. Write about aquatic food resources.
5. Explain the function of biocide.
6. What is desertification?
7. Name some sources of water.
8. Write a note on petroleum.
9. Write a note on management of water.
10. What is soil erosion?
11. What is solid waste management?
12. Write the pros and cons of nuclear energy.

P.T.O

Q.3. Write a detailed account of Natural resources with its classification. [10]

OR

Q.3. Give an account of Wind and Solar energy. [10]

Q.4. (a) Give a detailed account of desertification. [05]

(b) Write about NALCO and Hindustan Zinc Ltd. [05]

OR

Q.4. (a) Write about minerals copper, gold and graphite. [05]

(b) Write a note on Mining. [05]

Q.5.

(a) Write about properties of water. [05]

(b) Give an account of rain water harvesting. [05]

OR

Q.5.

(a) Write a short note on drip irrigation. [06]

(b) Write a note on conservation of water. [04]

Q.6.

(a) Give an account of World food problem [06]

(b) Write a note on crop as a food resource. [04]

OR

Q.6.

(a) Describe the beneficial and adverse effects of fertilizers. [06]

(b) Write a note on pesticides. [04]

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