

SC
SARDAR PATEL UNIVERSITY

M. Sc Integrated Biotechnology (ENVIRONMENTAL BIOTECHNOLOGY) -TEN (10) Semester Examination

Tuesday, 29- 03 - 2016, Time: 10:30 am to 01:30 pm

COURSE NUMBER-PS10CIGEB01NAME OF COURSE – ENVIRONMENTAL CONSERVATION AND SUSTAINABLE DEVELOPMENT

Maximum Marks: 70

Note: (1) All questions are compulsory. (2) Figure to right indicate marks.

Q.1 Choose the most appropriate answer from the four alternatives givens. [8]

1. Silence zone day time limits is.....dB(A)Leq.
(A)50 (B)75 (C)100 (D)90
2. No person shall manufacture, stock, sell, distribute plastic, which is less than.....in thickness.
(A) 30 microns (B)40 microns (C) 50 microns (D) 60 microns
3. In forest, Greatest concern is over protection of.....
(A) Old-Growth Forests (B) New forest (C) Middle age forest (D) All of them
4. Tropical forest they occupy less thanof earth's land surface.
(A) 5% (B)10% (C) 20% (D) 30%
5. Developing countries commonly spend most of their budgets on improvising.....area.
(A) Urban (B) Village (C) Megacities (D) Tribal
6. Worldwide, access to is a major problem.
(A) House (B) Good water (C) Sanitation (D) Food
7. Clean development mechanisms that define project activity which reduce
(A) GHG emissions (B) GHE emissions (C) GHB emissions (D) GH emissions
8. Industrial ecology is the studyflows through industrial systems.
(A) Product and energy (B) Material and energy (C) Both A & B (D) None of them

Q.2 Answer the following (Any Seven). [14]

1. Which type of activity restrictions in wetlands?
2. Enlist the salient features of the recycled plastics manufacture and Usages, rules, 1999.
3. What are the problems of Park?
4. What are the causes of deforestation?
5. Define the sustainable development.
6. What are the advantages of green business?
7. Write the principles of sustainable business.
8. What are the focal areas of industrial ecology?
9. Enlist the cleaner production practices.

Q.3 A. Enlist the Environment (Protection) Act, 1986. Discuss any one act with salient features. [6]

B. Write the objective, Provisions, Penalties and Salient features of Noise pollution rules, 2000. [6]

OR

B. Write a note on Wetland rules, 2009. [6]

Q.4 A. Justify -Parks as ecosystems. [6]

B. Write the general account on wilderness areas and wildlife refuges. [6]

OR

B. Write a short note on Rapid Forest Assessment (RFA). [6]

Q.5 A. Enlist the immigration push and pull factors. Explain all the factors. [6]

B. Write a short note on Ecological economics. [6]

OR

B. Enlist the urban problems. Explain any three problems. [6]

Q.6 A. Write a short note on Industrial Ecology. [6]

B. Define the cleaner production. Enlist the cleaner production practices. Explain any four. [6]

OR

B. Draw the flow chart of cleaner production procedures. Explain all the steps. [6]

-X-