

SEAT No. _____

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[A-27]

SARDAR PATEL UNIVERSITY

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

Monday, 09 -04 - 2018, Time: 10:00 A.M TO 01:00 P.M

COURSE NUMBER-PS10CIGEB01

NAME 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. Indian wildlife (Protection) Act, 1972 amendment- 1996-CPCSEA recommended that the testing of..... on animals are optional.

(A) Cosmetics (B) Herbal Product (C) Clinical Research (D) Dissection

2. Silence zone is defined as an area comprising not less than.....meters around educational institutions.

(A) 50 (B)100 (C)150 (D)200

3.% of forests remain old-growth characteristic.

(A) 5 (B)15 (C)25 (D) 35

4. Eco-tourists are people with real motivation of protecting

(A)Environment and Culture(B)Plants and Animals (C) National Parks(D) Rare species

5.....is any form of wealth that contribute to the production of more wealth.

(A) Resources(B)Capital (C) Material(D) Product

6.....resources are naturally replenished and recycled at a steady rate.

(A) Natural (B)Non- renewable (C)Renewable (D) Industrial

7.is the carbon finance at the world bank.

(A)Biocarbon fund (B) Netherland clean fund (C)Climate fund (D) Protection fund

8.Industrial ecology is the study flows through industrial systems.

(A)Product and energy(B)Material and energy (C)Energy (D) Resources

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

1. What are the restrictions on activities within the notified wetlands prohibited?

2. What are the salient features of the Biodiversity Act, 2002.?

3. Enlist the problems of parks?

4. Define the Rangelands and Ecotourism.

5. Which push factor responsible for immigration to cities?

6. Enlist the causes of urban problem in developing countries.

7. What are the focal areas of industrial ecology?

8. Write your view on prevention versus control of industrial pollution.

9. Define industrial sustainable development and its application.

Q.3 A. Write the brief note on Wetland rules, 2009. [6]

B. Write the salient features of the Bio-Medical waste (Management & Handling) Rules, 1998. [6]

OR

B. Write a short note on E-waste Management and Handling Rules, 2011. [6]

Q.4 A. What is deforestation? Give your idea and suggestion for control the causes of deforestation. [6]

B. What are the wildlife issues? Discuss any three issues and give your output for solve the issues. [6]

OR

B. Write a short note on Rangelands. [6]

Q.5 A. What is Green business and green design? Discuss the role of green business in jobs and environment. [6]

B. Write a short note on Urban sprawl and Urban Housing. [6]

OR

B. Discuss the different causes of urban growth. [6]

Q.6 A. What are the principle for a sustainable business? Discuss the any three principles with example. [6]

B. Define cleaner production practices. What are the steps involved in the cleaner production procedure? Discuss any three steps. [6]

OR

B. Write a short note on Indicators of sustainability. [6]

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