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(2066)

16418(D) - 0 DEC 2016

**B. Pharmacy (Ayurveda) 1st Semester Examination**

**Environmental Science (CBS)**

**HS-102**

**Time : 3 Hours**

**Max. Marks : 60**

*The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.*

**Note :** Attempt five questions in all by selecting one question from each unit. Question 9 is compulsory. All questions carry equal marks.

**SECTION - A**

1. Man has become an agent of his own destruction and that of the entire biosphere on this planet. Discuss. (12)
2. What is genetic biodiversity/diversity? Discuss the threats and programs for conserving biodiversity. (4+8=12)

**SECTION - B**

3. What are the major pollutants of atmosphere? Enumerate the adverse effects caused by these pollutants on a biological system. (12)
4. What do you understand by ambient noise level and noise standards? Discuss causes and consequences of noise pollution. (4+8=12)

**SECTION - C**

5. Write about the non-conventional sources of energy. Discuss the compulsions of utilizing conventional resources of energy globally. (12)

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6. Give account on impact of deforestation on the environment. Discuss the connection between forests and rain? (8+4=12)

**SECTION - D**

7. What do you understand by sustainable development? Why the current pattern of development which mankind has been following is mostly considered unsustainable? Discuss. (4+8=12)
8. Give an account of emergence of legal framework for the protection of natural habitats globally. Discuss the environmental protection acts in India. (12)

**SECTION - E**

9. Write short answers of the following:
  - (a) Ecosystem diversity.
  - (b) Effect of air pollutants.
  - (c) Carbon credit.
  - (d) Structure of atmosphere.
  - (e) Measures to control water pollution.
  - (f) Waste reduction and recycling. (2×6=12)