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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)