

2018/1

Your Roll No.....

Annual Examination 2018

Paper Code – ES – 01

Environmental Studies (for All U. G. Courses)

Time: Three Hours

Maximum Marks: 75

(Write your Roll number at the top immediately on the receipt of question paper)
Attempt all questions. All parts of a question must be answered in continuation

1. Tick the Correct Answer:

(15x1)

- i. 'World Environment Day' is celebrated every year on:
a) 5th July b) 5th May c) 5th June d) 18th May
- ii. Environmental studies is:
a) Material Science b) Life Science c) Interdisciplinary science d) Chemical science
- iii. Who is regarded as 'Father of Green Revolution' in India:
a) C N Rao b) MS Swaminathan c) K C Mehta d) Indira Gandhi
- iv. Acid Rain Contains:
a) Hydrochloric acid b) Sulphuric acid c) Oxalic acid d) Acetic acid
- v. Ozone layer, which protects biosphere from UV rays, is present in the :
a) Troposphere b) Stratosphere c) Mesosphere d) Thermosphere
- vi. The primary source of energy on earth is:
a) Solar energy b) Bioelectric energy c) Chemical energy d) Electric energy
- vii. The complex network of interconnected food chains is called:
a) Tropic level b) Ecological Pyramid c) Food Web d) Succession
- viii. The unit of measurement of sound intensity is:
a) Dobsons b) Decibels c) Parsec d) Candela
- ix. Heterotrophs are also known as:
a) Decomposers b) Autotrophs c) Consumers d) Detritivores
- x. Disease caused by exposure of Mercury is:
a) Itai-itai b) Arthritis c) Bone softening d) Minamata
- xi. Which of the following is not a cause of deforestation:
a) Population growth b) Industrialisation c) Plantation d) Urbanisation
- xii. Which of the following is the most potent greenhouse gas:
a) Carbon dioxide b) Methane c) Ozone d) Water vapours
- xiii. Kyoto Protocol emphasizes on phasing out of:
a) Heavy metals b) Greenhouse gases c) Chlorofluorocarbons d) All of them
- xiv. Major cause of Ozone depletion is due to:
a) Polyphenols b) Dioxins c) Chlorofluorocarbons d) All of them
- xv. Contribution of Environmentalist in Chipko movement:
a) Sunita Narain b) Sundarlal Bahuguna c) Vandana Shiva d) Shehla Masood

2/2018

2. Explain the following terms briefly (Any Five):

(5x3)

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| i) Food Chain | ii) Greenhouse effect | iii) Global warming |
| iv) Deforestation | v) Montreal Protocol | vi) Acid rain |
| vii) Ecological pyramid | viii) Atmospheric composition | ix) Noise pollution |
| x) Environmental Impact Assessment (EIA) | | |

3. Environmental studies deals with different aspects using a holistic approach. Highlighting the multidisciplinary approach of environmental studies enlist importance of environmental studies. (15)

OR

What is meant by Sustainable development? What are the measures to attain sustainability?

4. Define Ecosystem? Briefly describe the energy flow in the ecosystem? (15)

OR

What are Natural resources? How would we classify them? Why do we need to conserve our natural resources?

5. What is pollution? Describe various types of pollutions and pollutants? List various ways in which an individual can contribute towards pollution prevention in society? (15)

OR

Briefly describe the sources, effects and control of Air Pollution?

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