



30/5/2014

DOON UNIVERSITY, DEHRADUN
FINAL EXAMINATION 2013-14 Second Semester
EES-110: Environmental Studies
M.A. Integrated Language (Chinese/Spanish/German/Japanese)

Time: 3:00 hours

Maximum Marks :50

Note: Attempt Questions from all sections :A,B,C

SECTION : A (Objective Type Questions) Attempt all (Marks : 12x1=12)

Q1. Which of the following is not influenced by human activities ?

- a) Depletion of ground water b) destruction of mangroves and wetlands
c) increased extinction rates of species d) none

Q2. Which of the following statements about forest is not correct ?

- a) forest reduces soil erosion b) provides recreational opportunities
c) provides a source of economic development d) none

Q3. Deforestation generally decreases –

- a) drought b) soil erosion c) rainfall d) global warming

Q4. The major green house gas is –

- a) ozone b) CFCs c) methane d) carbon dioxide

Q5. Thinning of ozone layer is maximum in-

- a) Antarctica b) Europe c) Arctic d) Africa

Q6. Which of the following is not a green house gas?

- a) Phosphorus b) CFCs c) Methane d) Nitrous oxide

Q7. Which of the following is a disadvantage of most of the renewable energy sources ?

- a) Highly polluting b) high waste disposal cost c) unreliable supply d) high running cost

Q8. Solar energy technology comprises of –

- a) Thermal conversion b) Photo conversion c) both d) none

Q9. Wind mills are mainly present in –

- a) Japan b) Denmark c) Norway d) Germany

Q10. Conventional sources of energy includes-

- a) Hydroelectricity b) wind energy c) solar energy d) geothermal energy

Q11. Which of the following types of coal has maximum carbon and calorific value ?

- a) Anthracite b) Bituminous c) Lignite d) Peat wood

Q12. Major causes of deforestation are –

- a) Shifting cultivation b) Fuel requirements c) raw materials for industries d) all of these

Section B : Short answer type questions. (Attempt any three) (Marks :3x6=18)

Q.1 Define green house effect .What are the major impacts of green house effect.

Q2. What are renewable and non-renewable resources ? Give examples.

Q3. Discuss the natural formation and occurrence of ozone in the stratosphere? Which are the agents responsible for ozone depletion.

Q4. Explain them :

- a) Kyoto Protocol b) coal c) Montreal Protocol

SECTION : C (Long Answer Type Questions) Attempt any two (Marks : 2x10=20)

Q1. What is meant by acid rain ? How does it form ? What are the major impacts of acid rain and how can we control it ?

Q2. Write note on –

- a) Forest resources b) Mineral resources

Q3. Define energy resource .Give a brief account of any one non conventional energy resource.