

S.Y. BMS sem. III FC III (Plain)

Duration: 2 ½ hrs.

534041123

Seat Number : \_\_\_\_\_

Marks: 75

Note: (1) All questions are compulsory.  
(2) All questions carry equal marks.

- Q.1 (A) Multiple Choice Question(Any 8) (CO1,2-- (8M)  
R.U)
- 1 The organism which breaks down the part of dead plants and animals is called \_\_\_\_\_  
a) Producer b) Reducer c) Carnivores d) Consumers
  - 2 Solar photo voltaic cell converts solar energy directly into \_\_\_\_\_  
a) Mechanical Energy b) Electricity c) Heat Energy d) Transportation
  - 3 The wildlife or protection act was enacted in \_\_\_\_\_  
a) 1994 b) 1974 c) 1986 d) 1972
  - 4 Which of following is not practice associated with sustainable agriculture?  
a) Following of land b) Crop rotation c) biological control of pests  
d) Perennial poly culture
  - 5 Biomass can be used as flew through \_\_\_\_\_  
a) Combustion b) Fermentation c) digestion d) Respiration
  - 6 Biotic environment includes \_\_\_\_\_  
a) Producer b) Scavenger c) decomposer d) consumers
  - 7 Energy derived from hot spots beneath earth is called \_\_\_\_\_  
a) Bio Energy b) Nuclear Energy c) geothermal Energy  
d) Hydrogen Energy
  - 8 Kyoto Protocol was adopted on 11 December 1947 in \_\_\_\_\_  
a) China b) Bhutan c) Japan d) morocco
  - 9 A study of relationship between man and nature \_\_\_\_\_  
a) Environmental studies b) History c) food chain d) Anthropology
  - 10 Noise is \_\_\_\_\_  
a) Loud sound b) Constant sound c) Slow sound d) Unwanted sound

- Q.1 (B) State the following True or False (Any 7) (CO1,2- (7M)  
U,R)
- 1 The ozone layer enables ultraviolet Ray of sound to earth
  - 2 Mitigation means minimizing effect of disaster
  - 3 One carbon credit is equal to 1 ton of carbon reduction
  - 4 Coal and petroleum or non-conventional source of energy
  - 5 The sun is not the main source of energy on earth
  - 6 A food web consist of into locking of several food chain
  - 7 CFL and held are examples of soft technology
  - 8 Geothermal is non- conventional source of Energy
  - 9 Over 97% of earth water is in ocean
  - 10 Smog is combination of smoke, fog and sulphur dioxide
- Q.2 What do you mean by term bio geo chemical cycle? (CO1-R) 15  
Explain the working cycle along with diagram
- OR**
- Q.2 (A) Discuss food chain and food web with diagram (CO1-R) (8M)  
(B) Explain a biotic components of the environment (CO1-C) (7M)
- Q.3 What do you mean by disaster management? Explain the (CO1- (15M)  
cycle with reference to earthquake U,R,E)
- OR**
- Q.3 (A) Elaborate the term waste management with reference to (CO2- (8M)  
E-waste E-biological waste R,E)  
(B) Outlined the issue related to environmental degradation (CO3- (7M)  
R,U)
- Q.4 Define sustainability explain in detail the process of (CO2,3- (15M)  
environmental impact assessment U,R)
- OR**
- Q.4 (A) Explain how carbon Bank and Kyoto protocol Would (CO2- (8M)  
lead to reducing carbon foot print in world U,R)
- Q.4 (B) Write a brief note on environmental audit (CO1-R) (7M)
- Q.5 Write short note on (Any three) (CO1,2,3- (15M)  
R,U,A)
- a) Green marketing
  - b) Ecotourism
  - c) Organic farming
  - d) Solar energy
  - e) Tsunami
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