



Register Number:.....

B.E / B.TECH DEGREE EXAMINATIONS: JUNE 2015

(Regulation 2009)

Fourth Semester

CHY107: ENVIRONMENTAL SCIENCE AND ENGINEERING

(Common to Civil/Mechatronics/Mechanical/FT/TXT)

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. _____ is the land where water stand for most of the year.
 - a) Salinity
 - b) Water logging
 - c) Landslides
 - d) Overgrazing
2. Overnourishment of lakes is called as _____.
 - a) Eutrophication
 - b) micro nutrient
 - c) macro nutrient
 - d) bio magnification
3. The species found only in the particular area is called as _____.
 - a) Endangered species
 - b) endemic species
 - c) In-situ
 - d) Ex-situ
4. The products that have obtained a commercial value is called as _____ value.
 - a) Consumptive use value
 - b) aesthetic value
 - c) social value
 - d) productive use value
5. _____ is the amount of oxygen required for the bio decomposition of organic matter present in the water.
 - a) DO
 - b) COD
 - c) NOD
 - d) BOD
6. Concentration of oxygen _____ with increase in temperature of water.
 - a) Increase
 - b) decrease
 - c) Stable
 - d) decreases and increases
7. British parliament building also suffered damage due to _____ rain.
 - a) HNO_3
 - b) NO_2
 - c) H_2SO_4
 - d) HCO_3

23. a) Explain the causes, effects and control measures of air pollution.

(OR)

b) Explain the causes, effects and control measures of noise pollution.

24. a) Explain the following

i) Wildlife Protection act (7)

ii) Forest Preservation act (7)

(OR)

b) Write the detailed account on Global Warming and Acid Rain.

25. a) Write an explanatory note on various issues and measures for women and child welfare at international and national level.

(OR)

b) In detail explain the role of IT in environment and human health.
