

M. Sc. DEGREE EXAMINATION - NOVEMBER 2015
BIOTECHNOLOGY
THIRD SEMESTER

COURSE : ELECTIVE
PAPER : ENVIRONMENTAL BIOTECHNOLOGY
TIME : 3 HOURS
MAX. MARKS: 100

SECTION – A

ANSWER ALL QUESTIONS. (20 x 1 = 20)

CHOOSE THE CORRECT ANSWER:

- Ozone hole is due to
a. Carbon di oxide b. flurochlorocarbon c. Chlorofluorocarbon
- Causative agent of acid rain
a. HCl b. H₂SO₄ c. Hypochlorous acid
- Greenhouse gases are
a. carbon dioxide b. oxygen c. nitrogen
- EIA
a. Environmental impact assessment b. Ecological impact assessment
c. Ecosystem impact assessment
- BGA are
a. Bacteria b. fungi c. algae
- Biogas contain more proportion of -----
a. Carbon dioxide b. Nitrogen c. Methane
- Faecal Indicator
a. Escherichia coli b. Entamemoeba coli c. Staphylococcus aureus
- MPN
a. Most probable number b. Most preferable number. c. Most Potential number
- Incineration
a. Wet heat sterilization b. Dry heat sterilization c. Radiation
- Zoogloearamigera
a. activated sludge flocs b. anaerobic digestion c. anaerobic digestion
- Denitrifying bacteria is
a. *Thiobacillus* b. Nitrobacter c. Nitrosomonas
- STR
a. Stirred tank reactor b. Sludge tank reactor c. Stirred top reactor
- Minamata disease is due to
a. mercury poisoning b. lead poisoning c. chromium VI poisoning
- Lead poisoning causes
a. Itaitai b. Minamata disease c. painter's colic

