

Jharkhand University of Technology, Ranchi

B.Tech. 3rd Semester Examination,2023

Subject : Environmental Science

Subject Code : BSC-302

Time Allowed : 3 Hours

Full Marks : 70

(i) BOD is important for

- (a) sewage treatment
- (c) skin treatment

- (b) plant treatment
- (d) animal treatment

(ii) CO is major pollutant of

- (a) water
- (c) noise

- (b) air
- (d) soil

(iii) Bhopal gas tragedy occurred due to leakage of

- (a) MIC
- (c) SO₂

- (b) DDT
- (d) Dioxins

(iv) The most important agents for ozone depletion are

- (a) Methane
- (c) Nuclear fallout

- (b) CFC's
- (d) Nitrous oxide

(v) World Environment day is

- (a) 5th June
- (c) 11th July

- (b) 1st December
- (d) 22nd April

(vi) Wood pulp is used for making

- (a) Lumbar
- (c) Paper

- (b) Chipboard
- (d) Plywood

(vii) Over grazing results in

- (a) Productive soil
- (c) Retention of useful paper

- (b) Soil erosion
- (d) All of these

2. Describe the sources, effects and control of noise pollution
3. Explain the major sources of soil pollution. Describe how soil pollution affect soil productivity and also discuss prevention of soil pollution
4. Define ecology and ecosystems and discuss biotic and abiotic components of an ecosystem
5. Define rain water harvesting. Discuss its importance. Explain sustainable development
6. Discuss your innovative ideas to propagate environmental awareness in the society
- 7.a Thermal pollution
- 7.b Acid rain
- 7.c e-Waste
- 7.d Green technology