

2112E061

BACHELOR OF VOCATION
Automotive Manufacturing
Subject: Environmental Studies and Professional Ethics
Subject Code: ZBGE-201
Semester: Third
December 2021
Theory (External): 70 Marks
Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 2 marks.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 10 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number

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SECTION -A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x2=20 Marks)

- A Environmental Studies is a
a) Science aspect b) Management aspect
c) Engineering aspect d) All of these
- B Hydropower is an energy resource
a) Conventional, Non renewable b) Non-conventional, renewable
c) Conventional, renewable d) None of these
- C Following is a limiting factor in desert ecosystem
a) Climate b) Water
c) Food d) All of the above
- D Secondary succession is
a) Recolonization of disturbed area b) Colonization at bare surface
c) Pioneer community d) None of these
- E Electrostatic precipitator is used for control of
a) Gaseous pollutants b) Water pollution
c) Particulate pollutants d) None of the above
- F Aeration tank is used for
a) Removal of organic matter b) Oxygenation of waste
c) Suspension of biomass d) All of the above

- G Productivity shows
a) Efficiency of labor b) Use of capital
c) Efficiency of production system d) None of these
- H Following is a uncontrollable factor in production system
a) Natural resources b) Machinery
c) Technological factors d) All of these
- I Stratification is
a) Causes and effect of problem
b) Graph showing frequency distribution
c) Study of process change over time
d) Technique for separation of data
- J Kaizen means
a) Improvement b) Data
c) Result analysis d) All of these

SECTION -B (ESSAY TYPE QUESTIONS)
(5x10=50 Marks)

- 1 Discuss various parameters of sustainable development and means to achieve it.
- 2 Discuss merits and demerits of use of non-conventional energy resources. Also describe applications of any two resources.