

210138

BACHELOR OF VOCATION

Automotive Mechatronics

Subject: Environmental studies and Professional Ethics

Subject Code: ZBGE-201

Semester: Third

January 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 mark.
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

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

- H The benefit of industrial management is
- a) Increasing productivity
 - b) Increasing efficiency
 - c) Reduction of losses
 - d) All of these
- I ISO 14001 is meant for
- a) System for management of Environment
 - b) Total quality management system
 - c) Occupation health and safety Assessment Series
 - d) None of the above
- J Quality control is aimed at
- a) Maintaining the desired quality
 - b) Exceeding the desired quality
 - c) Continuously improving the quality
 - d) None of these

SECTION –B (ESSAY TYPE QUESTIONS)

(5x10=50 Marks)

- Q1 Describe the role of awareness in the conservation of environment.
- Q2 Explain the environmental consequences of over extraction of natural resources.
- Q3 Define energy flow in an ecosystem. Describe any one energy flow model in an ecosystem.
- Q4 What do you mean by ecosystem? Discuss biotic components of a grassland ecosystem.
- Q5 Define environmental pollution. What are the human health effects of water pollution?
- Q6 Differentiate between sound and noise. Discuss various health effects of noise pollution in industrial workers.
- Q7 Define productivity? Discuss on various types of production system?
- Q8 Discuss the objectives of ISO 14001 in detail.

*******END OF PAPER*******