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200945

BACHELOR OF VOCATION
Automotive Manufacturing
Subject: Computerized Numerical Control Machines II
Subject Code: BBME-214
Semester: Fourth
September 2020
Theory (External): 35 Marks
Time: 03 hours

INSTRUCTIONS TO THE STUDENTS

1. Read the questions carefully and write the answers in the answer sheets.
2. Wherever necessary, the diagram drawn should be neat and properly labelled.
3. This questions paper comprises of 6 questions out of which student need to attempt any 3 questions.
4. All questions carry equal marks.
5. The time allotted will be 3 hours for examinations including time of downloading of question paper to emailing of answer books to the concerned Dean/IC.

ESSAY TYPE QUESTIONS

1. Explain the Basis concepts of part programming with applications related to Manufacturing industries.
2. Explain Computer Aided Part Programming and its applications related to manufacturing industries.
3. Explain the Methods of writing a part program with suitable example.
4. Differentiate between Drill Cycle and Dwell Cycle with diagram.
5. Differentiate between Sub routines and Parametric Subroutines with examples and diagrams.
6. What is APT Programming? Discuss the APT Programming sequence with example.

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