

A

200967

BACHELOR OF VOCATION
Automotive Manufacturing
Automotive Mechatronics
Subject: Industry 4.0
Subject Code: BBME-309
Semester: Fifth
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 various digital technologies contributing to Industry 4.0 in detail.
2. What are the key features of IOT? Explain applications of IOT in Industrial automation systems?
3. Explain the intelligent agents in AI?
4. Discuss an application of M2M system in heavy industries.
5. Explain how IOT is helping in controlling road accidents by enforcing the road safety laws?
6. How can 3rd generation factory be transformed into smart factory? Explain

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