B. Tech. Sem - VIII (Production Engg.) (2014 COURSE) (CBCS) :
SUMMER - 2019
SUBJECT : ELECTIVE – III : COMPUTER INTEGRATED MANUFACTURING

Day : Thursday   Time : 02.30 PM TO 05.30 PM

Date : 30/05/2019   Max. Marks : 60

S-2019-2931

N. B. :
1) All questions are **COMPULSORY**.
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labeled diagram **WHEREVER** necessary.
4) Assume suitable data, if necessary.

Q. 1   Explain in detail the CIM hardware and software.   **(10)**

OR

Discuss in detail the development of computer integrated manufacturing.   **(10)**

Q. 2   Explain the influence of information technology on concurrent engineering.   **(10)**

OR

Discuss in detail the techniques used to improve manufacturability.   **(10)**

Q. 3   Discuss in detail the various features of DBMS.   **(10)**

OR

Explain in detail the concept and overall structure of DBMS.   **(10)**

Q. 4   Discuss in detail the different tools used in Total Quality Management.   **(10)**

OR

Explain with neat sketch the quality function deployment.   **(10)**

Q. 5   Explain in detail the different types of robots.   **(10)**

OR

Discuss in detail the operations performed by robots.   **(10)**

Q. 6   Discuss in detail with neat sketch the computerized shop floor.   **(10)**

OR

Explain the different methods by which quality can be assured.   **(10)**

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