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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. Ind. Engg. & Mgt. (Spl. in TQM) PT (Sem.-2)**MANAGEMENT SYSTEMS & STANDARDS****Subject Code : IEM-204****M.Code : 61009****Time : 3 Hrs.****Max. Marks : 40****INSTRUCTIONS TO CANDIDATES :**

1. Attempt All EIGHT questions from SECTION-A carrying TWO marks each.
2. Attempt any SIX questions out of EIGHT from SECTION-B carrying FOUR marks each.

SECTION-A**Q1. Answer briefly :**

- a. Define standardization.
- b. Write the roles of International Electro-technical Commission (IEC).
- c. Mention the applications of ISO 9001:2008.
- d. Write human resource requirements for Quality Management System (QMS).
- e. Write the importance of Conformity assessment.
- f. Write the benefits of Environmental Management System.
- g. What is the scope of TS-16949?
- h. Write the type of Laboratories.

SECTION-B

- Q2. Write different types of standards. Discuss the aim, principles and benefits of standardization.
- Q3. Discuss the purpose and structure of International Telecommunication Union (ITU).

- Q4. Explain the management's responsibilities and commitments for Quality Management System.
- Q5. Discuss the process of measuring and controlling the non conforming products as per ISO 9001: 2008 standards.
- Q6. Explain the purpose and types of Quality Audits in Quality Management System.
- Q7. Elaborate the requirements of ISO 14001 series of Environmental Management System.
- Q8. Explain the need, aim and scope of Food Safety Management System.
- Q9. Discuss the procedure for National Accreditation Board for Test and Calibration Lab (NABL) accreditation.

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NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.