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	Reg. No.:						

Question Paper Code: X11009

B.E./B.Tech. DEGREE EXAMINATIONS, NOV/DEC 2020 AND APRIL/MAY 2021 Fifth/Sixth/Seventh Semester

Mechanical Engineering

PR 8592 - WELDING TECHNOLOGY

(Common to Production Engineering/ Mechanical Engineering(SW)) (Regulations 2017)

Time: Three Hours

Maximum: 100 Marks

Answer ALL questions

PART - A (10×2=20 Marks)

- 1. State the electroslag welding process.
- 2. Classify the flames of oxy-acetylene.
- 3. Write down the various metal joining process.
- 4. What are the advantages of resistance welding?
- 5. Write the various stages of mechanism of diffusion bonding.
- 6. List the limitations of ultrasonic welding.
- 7. Mention the applications of LBM.
- 8. Give chemical reaction in thermit welding.
- 9. Differentiate liquid penetrate testing and magnetic particle testing.
- 10. State the limitations of ultrasonic testing.

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