

**Roll No.**

**Total No. of Pages : 01**

**Total No. of Questions : 08**

**M.Tech.(Embedded System) (Sem.-2)**  
**SYSTEM DESIGN WITH EMBEDDED LINUX**

**Subject Code : MTES-104-18**

**M.Code : 76210**

**Date of Examination : 15-12-2022**

**Time : 3 Hrs.**

**Max. Marks : 60**

**INSTRUCTIONS TO CANDIDATES :**

1. Attempt any FIVE questions out of EIGHT questions.  
2. Each question carries TWELVE marks.

- 1) Differentiate between Desktop Linux and Embedded Linux.
- 2) a) Name various System Embedded drivers, state pros and cons of I2C.  
b) How embedded storage is different from traditional storage?
- 3) Explain the architecture of Embedded Linux System.
- 4) What are Memory Technology Devices? Explain.
- 5) What is RTOS? List out the different Real time models.
- 6) What is embedded BSP? List out the primary functions of a BSP.
- 7) What is an embedded system? What are the components of embedded system?
- 8) List the functions of a kernel and memory manager.

**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.**