

Roll No.

Total No. of Pages : 01

Total No. of Questions : 08

**M.Tech.(Emb. Sys.) (Sem.-2)**  
**SYSTEM DESIGN WITH EMBEDDED LINUX**

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

**M.Code : 76210**

**Date of Examination : 06-07-22**

**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) How Desktop Linux is different from Embedded Linux.
- 2) a) Name various System Embedded drivers. Explain any 2 in detail.  
b) Differentiate between Embedded and Traditional storage.
- 3) Explain the architecture of Embedded Linux System.
- 4) Briefly discuss uClinux. What are the advantages and disadvantages of uClinux?
- 5) For Embedded Developers, what is Real Time Linux operating system?
- 6) What is embedded BSP? Are BSP's customisable or are they fixed by the user?
- 7) Write a short note on Embedded file system. What are the steps to create a root file system?
- 8) What is USB? Where it is used? What are the positive consequences of USB protocol?

**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.**