

**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
DESIGN AND MANUFACTURING, KANCHEEPURAM**

Post : Junior Technician (CSE) Level -II

10 x 3 Mark questions

- 01) [3 marks] What is the purpose of `grep -r hello /sys/ 2> /dev/null`
- 02) [3 marks] What are the salient features of GPT?
- 03) [3 marks] What are the key steps in netboot?
- 04) [3 marks] What are the concepts involved in a USB virus that infects due to simple plugging in?
- 05) [3 marks] What are the key steps in the Windows boot sequence? Mention any key file names.
- 06) [3 marks] What are any 3 boot recovery commands in Windows?
- 07) [3 marks] What are the key steps in adding a new repository to apt?
- 08) [3 marks] What are the key steps in setting up a LAN in the Ubuntu 20.04 environment?
- 09) [3 marks] What are any 3 salient aspects of a switch in networking?
- 10) [3 marks] What are any 3 commands for port administration and monitoring?

6 x 5 Mark questions

- 11) [5 marks] What are the key steps for installing Ubuntu over a Windows 10 system for dual boot?
- 12) [5 marks] What are the key steps for installing Windows over a Ubuntu system for dual boot?
- 13) [5 marks] What are any 3 salient features of OS hardening?
- 14) [5 marks] What are the security best practices for Linux (Ubuntu/RHEL) PC & Server?
- 15) [5 marks] What are the key steps in setting up VPN access?
- 16) [5 marks] What are the key steps in partitioning and formatting for Windows?
- 17) [5 marks] What are the salient features of EXT3 or EXT4 file systems?