

ADITYA ENGINEERING COLLEGE (A)**COMPUTER ENGINEERING WORKSHOP**

(Common to CSE & IT)

Time: 3 hours**Max. Marks: 70****Answer ONE question from each unit****All Questions Carry Equal Marks****All parts of the questions must be answered at one place only****UNIT – I**

- 1 a Differentiate primary memory and secondary memory. K2 CO1 [7M]
b Explain in detail about I/O devices. K2 CO1 [7M]

OR

- 2 a Discuss various networking components. K2 CO1 [7M]
b Illustrate the block diagram of computer with neat sketch. K2 CO1 [7M]

UNIT – II

- 3 a Explain Virtual Machine and its purpose. K2 CO2 [7M]
b Describe in detail, the steps for setting up and configuring a new virtual machine. K2 CO2 [7M]

OR

- 4 a Write short notes on the following file system commands. K2 CO2 [7M]
(i) mkdir (ii) cat (iii) cp (iv) pwd
b Demonstrate various file compression commands. K2 CO2 [7M]

UNIT – III

- 5 a Illustrate the steps for creating a digital profile on LinkedIn. K2 CO3 [7M]
b Discuss in detail about firewalls. K2 CO3 [7M]

OR

- 6 a Write short notes on the following networking commands K2 CO3 [7M]
(i) Ipconfig (ii) telnet (iii) netstat (iv) traceroute
b Demonstrate email creation and usage. K2 CO3 [7M]

UNIT – IV

- 7 a List out the differences between HTML and HTML5. K1 CO4 [7M]
b Create a simple home page using HTML tags. K3 CO4 [7M]

OR

- 8 a Describe the property for controlling the image position in the background. K2 CO4 [5M]
b Illustrate the difference between inline, embedded and external style sheets? K2 CO4 [9M]

UNIT – V

- 9 a With a neat sketch explain the architecture of IOT. K2 CO5 [7M]
b List out the various applications of IOT. K1 CO5 [7M]

OR

- 10 a Describe any 2 applications in the domains of smart home & smart cities. K2 CO5 [7M]
b Mention the various IOT devices and explain each. K2 CO5 [7M]
