

BRIDGE COURSE



2019 - 2020

Department of Electronics

Bridge Course - Syllabus

Subject: PC Assembly and Maintenance

No. of Modules: 5

No. of Hours: 10 hours

Aim of the Course:

1. To impart the basic knowledge in computer hardware with sufficient practical sessions.

2. To create a confidence in using and assembling PC

Objectives:

1. To understand the various components of a computer.

2. To familiarize the assembling, maintenance and trouble shooting of a PC.

Module I : BIOS Configuration

2 Hours

Study of BIOS setup, Advance setup, Boot configuration, Boot menu

Module II: Installation of OS

3 Hours

Formatting and Partitioning of Hard disk, Installation of Windows and Linux

Module III: Installation and Configuration of Devices

3 Hours

Different types of Mother Board Drivers, LAN, Audio and Video, Setup of Printer, Scanner, Webcam, Bluetooth, & Memory readers.

Module IV: Troubleshooting of PC

2 Hours

POST, Identifying problems, Power supply checking and Replacement of Components

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	2	Kiran Joseph	B.Sc Electronics
	3	Naga Rajan V	B.Sc Electronics
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	6	Alfiya A Kabeer	BCA
	7	Alfiya P S	BCA
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	12	Jessy Mol P R	BCA
	13	Nourin Nazar	BCA
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112 102	. 15	Reshma Suresh	BCA
	16	Raina Abraham	BCA
	17	Sahith Siraj	BCA
	18	Shahana Basheer	BCA
	19	Shetina Shibu	BCA
	20	Sruthi S Nair	BCA
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Bridge course for Electronics

Preliminary Test-Pc Assembling and Maintanance

1.	Which of the following is used f	for cache memory?	
	□SRAM	DRAM	
	MROM	☐ None of the above	
2.	What is the main purpose of RO	M in computer?	
	To start a computer	☐ To stop a computer	
	☐ Both A and B	☐ None of the above	
3.	Which of the following component	ents are connected by moth	nerboard?
	Hard drive	Sound card	
	Microprocessor	All of the above	
4.	What is RAM?		
	Volatile Memory	☐ Non-volatile Memor	y
	Secondary memory	☐Both B and C	
5.	What is the use of Ethernet port?	?	
	To connect to a computer	r network To con	nnect monitor
	☐ To connect Printer	∏All of	the above
6.	Unix is an	_	
	Application Software	Utility Software	
	☐ Both A and B	☐None of the above	√
7.	What is BIOS?		
	☐ Hardware	Software	-
	Firmware	☐None of the above	1
8.	Microsoft's new web browser		
	Spartan	Edge	X
	☐ IE10	Cortana	e.
9.	Latest microprocessor from Intel	?	
	Intel core i7	Intel Core 2 Quad	
	Intel core 2 Duo	☐ Intel Quad-Core	N
10.	Which of the following is fastest	?	Jankon
/	Compiler	Interpreter	
1. E.	Both A and B	None of the Above	
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	☐ To connect Printer	All of the above
6.	Unix is an	
		*
	Application Software	Utility Software
	☐ Application Software ☐ Both A and B	Utility Software None of the above
7.		
7.	☐ Both A and B	
7.	☐ Both A and B What is BIOS?	None of the above
	☐ Both A and B What is BIOS? ☐ Hardware	None of the above Software
	Both A and B What is BIOS? Hardware Trmware	None of the above Software
	Both A and B What is BIOS? Hardware Frmware Microsoft's new web browser	None of the above Software None of the above
8.	Both A and B What is BIOS? Hardware Frmware Microsoft's new web browser Spartan	None of the above Software None of the above Edge Cortana
8.	Both A and B What is BIOS? Hardware Frmware Microsoft's new web browser Spartan IE10	None of the above Software None of the above Edge Cortana
8.	Both A and B What is BIOS? Hardware Frmware Microsoft's new web browser Spartan IE10 Latest microprocessor from Inte	None of the above Software None of the above Edge Cortana
8. 9.	Both A and B What is BIOS? Hardware Frmware Microsoft's new web browser Spartan IE10 Latest microprocessor from Inte	None of the above Software None of the above Edge Cortana I? Intel Core 2 Quad Intel Quad-Core
8. 9.	☐ Both A and B What is BIOS? ☐ Hardware ☐ Immediate Whicrosoft's new web browser ☐ Spartan ☐ IE10 Latest microprocessor from Inte ☐ Intel core i7 ☐ Intel core 2 Duo	None of the above Software None of the above Edge Cortana I? Intel Core 2 Quad Intel Quad-Core