



CERTIFICATION PROGRAMME

Hardware, Assembly and Networking

From

10th October – 20th December, 2022 Convener: Mr. Abhay N Tripathi, Associate Professor, MIMT

For BCA 1st Semester

Resource Person

Ms. Monika Pathak Assistant Professor, MIMT

www.mangalmay.net.in | Plot No. 8 & 9, Knowledge Park-II, Greater Noida, Delhi-NCR, India

SYLLABUS

HardwareAssemblyandNetworking

Duration: 30 Hours

Module 1:

ComputerBasics-IntroductionandHistory,Introduction&Definitionof

Computer, Block Diagram of computer, Classification of computer, Characteristics of Computers, What is Language?, Types of Languages and Language translators.

HistoryandGenerationofcomputers,Memory-

Bits,Bytes,KB,MB,GB,TB,PB,EB,ZB,YBetc,ComputerSoftware,TypesofSoftwarewithEx.(System/Application/UtilityS/W,ComputerHardware,Intro.toHardwarecomponentsofcomputer

Module 2:

Assembling and Dissembling PCs - Assembling and Disassembling a PC , Precautionsto be taken while assembling the PC Introduction to BIOS / CMOS Setup, POST(Power On Self Test) , Introduction to BIOS/CMOS Setup, POST (Power On Self-Test,Demonstration of BIOS/CMOSConfiguration (Date,Time,Enable/DisableDevices).,DualBIOSFeature ,BIOS/CMOSSetup,BootingSequence/BootOrder

Module3:





Schedule HardwareAssemblyandNetworking

Duration: 30hours				
Session	Content	Time	Date	
1.	ComputerBasics-IntroductionandHistory,blockdiagramofcomputer.	3:00 -04:30	10/10/2022	
2.	Classificationofcomputer • CharacteristicsofComputers	3:00 -04:30	11/10/2022	
3.	WhatisLanguage?•TypesofLanguagesandlanguagetranslators	3:00 -04:30	17/10/2022	
4.	HistoryandGenerationofcomputers	3:00 -04:30	18/10/2022	
5.	Memory- Bits, Bytes, KB,MB, GB,TB,PB,EB,ZB,YBetc	3:00 -04:30	31/10/2022	
6.	Computer Software, Types of Software &Computer Hardware,Intro.toHardware componentsofcomputer	3:00 -04:30	01/11/2022	
7.	AssemblingandDissemblingPCs&Precautionstobetakenwhile assemblingthePC	3:00 -04:30	07/11/2022	
8.	IntroductiontoBIOS/CMOSSetup,POST(PowerOnSelfTest)	3:00 -04:30	08/11/2022	
9.	DemonstrationofBIOS/CMOSConfiguration(Date,Time,Enable/Disable Devices).	3:00 -04:30	14/11/2022	
10.	DualBIOSFeature•BIOS/CMOSSetup, BootingSequence/BootOrder	3:00 -04:30	15/11/2022	
11.	IntroductiontoOperatingSystem&DefinitionandtypesofOperatingSyst ems	3:00 -04:30	21/11/2022	
12.	MS Dos&Windows9x&Android	3:00 -04:30	22/11/2022	
13.	XP/Vista,Linux,MACOS	3:00 -04:30	28/11/2022	
14.	ProcessofBootingtheOperating System	3:00 -04:30	29/11/2022	
15.	WinXP/Win7	3:00 -04:30	05/12/2022	
16.	ActivationandAutomaticUpdatingprocedures	3:00 -04:30	06/12/2022	
17.	Linux	3:00 -04:30	12/12/2022	
18.	PracticalDemonstrationofComputer Assembling	3:00 -04:30	13/12/2022	
19.	PracticalDemonstrationofComputer Assembling	3:00 -04:30	19/12/2022	
20.	Revision	3:00 -04:30	20/12/2022	





	Report
NameofActivity	Hardware, Assembly and Networking
Date	10 th October , 2022 – 20 th December , 2022
Venue	BCAClassroom
Organizedby	BCADepartment
Resourceperson	Ms.Monika Pathak,AssistantProfessor,MIMT
Participated by	BCAIstyearstudents(90 students)
Convener	Mr. Abhay N Tripathi, AssociateProfessor,MIMT
Objective	 Theobjectiveisto: To obtain a responsible challenging and rewarding position in the field of Desktop Support and network maintenance in an organization. This subject is help to identify problems associated with connectivity hardware.
Content	With the initiative of IQAC, Mangalmay Institute of Management and Technology organized add on certification course on "hardware and networking". The course gave the opportunity to learn about hardware and internalize their basic computer components. Day1: The description of the computer's fundamental components, its history, and its block diagram learn into that session. Day2: Students learned about computer classification and characteristics during this interactive workshop. Day3:The session was introduced by the resource person by talking about the various translators and computer languages that they used. Day4:Studentslearntaboutvariousgenerationsofcomputer. Day5:Thesessionwas focus onmemory. Day6: Computer software and the many types of software and hardware were the main topics of this session. Day 7: The resource people talked about how to assemble and disassemble the PCs as well as safety measures to be implemented. Day 8: In this session, the BIOS and CMOS configuration were covered. POST stands for power on self test. Day9:The session begins with a BIOS and CMOS demonstration. Day10:The resource people had a discussion with the students regarding the dual BIOS feature, which is the BIOS/CMOS configuration and booting routine. Day 11: In this session, the resource person now discusses operating systems and their different varieties. Operating is important. Day12:The command operating systems, MS-DOS and Windows OS, were discussed by the resource person. Day13: The discussion was still going on when using the MAC OS, Ubuntu Linux, and Windows XP and VISTA operating systems. Day14:Students learned how to boot the operating system during this lesson. Day15: WinXP and Win7 were taught to the students. Day16:The process for activation and automatic updating was covered in this session. Day17: Ubuntu Linux was discussed in this session. Day19:A demonstration of how to assemble a computer was done practically in this session. Day20: The overall session was discussed by the resource person.
	session. Day17: Ubuntu Linux was discussed in this session. Day18:The resource person begins with a hands-on computer assembly demonstration. Day19:A demonstration of how to assemble a computer was done practically in this session.





Outcome of Activity

Through Hardware and Networking Course students are capable of:

- Identify the hardware components of a computer.
- Identify the peripheral devices outside computer.
- Identify the software running on a computer.





RESOURCEPERSONPROFILE

Name: Ms. Monika Pathak, Assistant Professor

Org:MIMT,GreaterNoida

Qualification: BCA, MCA

AreaofExpertise: Networking

Certificate Template:



CERTIFICATE OF COURSE COMPLETION

This is to certified the SANSKAR MISHRA student of BCA (Batch: 2022-25) has successfully completed 30 Hours course on "Hardware Assembly and Networking" from 10-October-2022 to 20-December-2022

(MCCC)

PRINCIPAL Mangalmay Institute of Management & Technology CONVENER Mangalmay Institute of Management Technology





Course: BCA

ADD-ON COURSE QUIZ

Course Name: Hardware, Assembly & Networking

Time: 30 Min

Date: 26/12/2022

Roll No:

Name: Sanskar Mishora

Year/Sem: I/I

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

1)	Who	en the computers shut down, the	coi	ntents are lost.
	a.)	Input	b.)	Output
	c.)	Memory	d.)	Storage
2)	A ha	ard disk is divided into tracks which are	further	subdivided into
	a.)	Vectors	b.)	Clusters
	c.)	Sectors	d.)	None of the above
3)	The	Expansion cards are inserted into	ir	a computer
	a.)	Slots of CPU	b.)	Hard Disk of CPU
	c.)	Peripheral Devices	d.)	None of the above
4)	Whi	ich memory is known as Volatile Memo	ory	
	a.)	RAM	b.)	Rom
5)	Whi	ich of the following is a device that is u	sed to co	onnect a number of LANs?
	a.)	Bridge	b.)	Switch
	c.)	Router	d.)	Repeater
6)	Whi	ich of the following has the highest stor	age	
	a.)	Megabyte	b.)	Gigabyte
	c.)	Terabyte /	d.)	Kilobyte
7)	Whi	ich of the following has the fastest spee	d in the	computer memory hierarchy?
	a.)	Cache	b.)	Registers in CPU
	c.)	Main memory	d.)	Disk Cache

8)	With respect to a network interface card, the term 10/100 refers to					
	a.) Protocol spe	ed	b.)_	Megabits per second		
	c.) A fiber spee	d	(d.)	None of these		
9)	The value of Giga	abyte is		. 1		
	a.) 1024 Meg	gabytes	(b.)	1024 Petabytes		
	c.) 1024 byte	s	<u>d.</u>)	1024 bits		
10)	A source program	n is the program wr	ritten in	language.		
	a.) English		(b.)	Symbolic		
	c.) High level		d .)	Machine		
11)	The box that of	contains the central	electronic co	omponents of the computer is the		
	a.) Input devic	e	b.)	Peripheral (
	c.) System uni	t j	d.)	Motherboard		
12)	is used	l as a high speed ne	twork backb	one media		
	a.) Fiber Opticc.) Twisted pair		b.)	Coaxial cable None of the above		
	13) LAN stands for	or or				
	a.) Local Area	Network	6.7	Limited Area Network		
	c.) Local Area	Next	(\(\frac{1}{2}\)\d.)	None of these		
14)	A microprocessor	used in		. Marie		
	a.) Personal co	omputer	b.)	ENIAC (
	c.) Mini compu	ter .	d.)	Mainframe Computer		
15)	Which of the follo	wing is not an exar	nple of hard	ware?		
	a.) Excel		b.)	Monitor		
	c.) Printer		d.)	Mouse		
		For Den	artmental i	ise only		
		- Por Dep	om tillelltal t	asc only		
	Max. Marks: 15		Marks Ob	tained: <u>13</u>		
	Name of Evaluator: Menika Pathek Sign. Monika					





Course: BCA

ADD-ON COURSE QUIZ
Course Name: Hardware, Assembly & Networking

Time: 30 Min

Date: 26/12/2022

Roll No:

Name: Roban Parakoush

Year/Sem: I/I

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

1)	Whe	en the computers shut down, the	con	itents are lost.
	a.)	Input	b.)	Output
	c.)	Memory	d.)	Storage
2)	A ha	ard disk is divided into tracks which are	further	subdivided into
	a.)	Vectors	b.)	Clusters
	c.)	Sectors	d.)	None of the above
3)	The	Expansion cards are inserted into	ir	n a computer
	a.)	Slots of CPU	b.)	Hard Disk of CPU
	c.)	Peripheral Devices	d.)	None of the above
4) Which memory is known as Volatile Memory				
	a.)	RAM -	b .)	Rom /
5)	Whi	ch of the following is a device that is us	sed to co	onnect a number of LANs?
	a.)	Bridge	b.)	Switch
	c.)	Router	d.)	Repeater
6)	Whi	ch of the following has the highest store	age	
	a.)	Megabyte	b.)	Gigabyte
	c.)	Terabyte	d.)	Kilobyte
7)	Whi	ch of the following has the fastest speed	d in the	computer memory hierarchy?
	a.)	Cache \(\int \)	b.)	Registers in CPU
	c.)	Main memory	d.)	Disk Cache

8)	With respect to a network interface card, the term 10/1	00 refers to
	a.) Protocol speed b.) Meg	abits per second
	c.) A fiber speed d.) None	e of these
9)	The value of Gigabyte is	
	(a.) 1024 Megabytes (1) b.) 1024	Petabytes
	c.) 1024 bytes d.) 1024	bits
10)	A source program is the program written inl	anguage.
	a.) English (b.) Sym	bolic
	c.) High level d.) Mac	hine
11)) The box that contains the central electronic compo	nents of the computer is the
	a.) Input device b.) Peri	pheral
	c.) System unit d.) Mot	herboard
12)	is used as a high speed network backbone n	nedia
		xial cable e of the above
	13) LAN stands for	
		ited Area Network
		e of these
14)	A microprocessor used in	
	a.) Personal computer b.) ENIA	AC
	c.) Mini computer d.) Mai	inframe Computer
15)	Which of the following is not an example of hardware	
	a.) Excel b.) Mon	nitor
	c.) Printer d.) Mou	ise
	For Departmental use o	nly
	Max. Marks: 15 Marks Obtaine	d: 69
	Name of Evaluator: Marka Pathersign. Mendle	





Course: BCA

ADD-ON COURSE QUIZ

Course Name: Hardware, Assembly & Networking

Time: 30 Min
Date: 26/12/2022

Roll No:

Name:

Divya Shukla

Year/Sem: I/I

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

1)	When the computers shut down, the contents are lost.				
	a.)	Input	b.)	Output	
	c.)	Memory	d.)	Storoge	
2)	A ha	ard disk is divided into tracks which ar	e further	subdivided into	
	a.)	Vectors	b.)	Clusters	
	c.)	Sectors	d.)	None of the above	
3)	The	Expansion cards are inserted into	i	n a computer	
	a.)	Slots of CPU	b.)	Hard Disk of CPU	
	c.)	Peripheral Devices	d.)	None of the above	
4)	Whi	ich memory is known as Volatile Mem	ory		
	a.)	RAM _	b.)	Rom	
5)	Whi	ich of the following is a device that is	ised to c	onnect a number of LANs?	
	a.)	Bridge	b.)	Switch	
	c.)	Router	d.)	Repeater	
6)	Whi	ich of the following has the highest sto	rage		
	a.)	Megabyte	b.)	Gigabyte	
	c.)	Terabyte	d.)	Kilobyte	
7)	Whi	ich of the following has the fastest spec	ed in the	computer memory hierarchy?	
	a.)	Cache ~	b.)	Registers in CPU	
	c.)	Main memory	d.)	Disk Cache	

8).	With respect to a network interface ca	ard, the term 10/100 refers to	
	a.) Protocol speed	(b.) Megabits persecond	and the same of th
	e.) A fiber speed	d.) None of these	
9)	The value of Gigabyte is		
	a.) 1024 Megabytes	b) 1024 Petabytes	
	c.) 1024 bytes	d.) 1024 bits	
10)	A source program is the program wr	tten inlanguage.	
	a.) English \checkmark	b.) Symbolic	
	c.) High level	d.) Machine	
11)	The box that contains the central	electronic components of the computer	is the
	a.) Input device	b.) Peripheral	
	c.) System unit	d) Motherboard	
12)	is used as a high speed net	work-backbone media	
	a.) Fiber Optic Cable	b.) Coaxial cable	
	c.) Twisted pair Cable	d.) None of the above	
	13) LAN stands for		
	a.) Local Area Network	b.) Limited Area Network	
	c.) Local Area Next	d.) None of these	
14)	A microprocessor used in		
	a.) Personal computer	b.) ENAC	
	c.) Mini computer	d.) Mainframe Computer	
15)	Which of the following is not an exam		
	a.) Excel	b.) Monitor	
	c.) Printer	d.) Mouse	
	For Dep	artmental use only	
	Max. Marks: 15	Marks Obtained: 10	
		Marks Obtained: 10	
	Name of Evaluator: Movika Patho	Sign. Moulty	





Course: BCA

ADD-ON COURSE QUIZ

Course Name: Hardware, Assembly & Networking

Time: 30 Min

Date: 26/12/2022

Roll No:

Name:

Somil Pal

Year/Sem: I/I

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

1)	When the computers shut down, thecontents are lost.			
	a.)	Input	b.)	Output
	c.)	Memory	d.)	Storage
2)	A h	ard disk is divided into tracks which are	e further	subdivided into
	a.)	Vectors	b.)	Clusters
	c.)	Sectors	d.)	None of the above
3)	The	Expansion cards are inserted into	i	n a computer
	a.)	Slots of CPU	b.)	Hard Disk of PU
	c.)	Peripheral Devices	d.)	None of the above
4)	Wh	ich memory is known as Volatile Mem	ory	
	a.)	RAM (b.)	Rom
5)	Wh	ich of the following is a device that is	sed to co	onnect a number of LANs?
	a.)	Bridge	b.)	Switch
	c.)	Router	d.)	Repeater
6)	Wh	ich of the following has the highest sto	age)	
	a.)	Megabyte	b.)	Gigabyte
	c.)	Terabyte	d.)	Kilobyte
7)	Whi	ich of the following has the fastest spee	d in the	computer memory hierarchy?
	a.)	Cache	b.)	Registers in CPU
	c.)	Main memory	d.)	Disk Cache

8)	With respect to a network interface card, the term 10/100 refers to
	a.). Protocol speed b.) Megabits per second
	c.) A fiber speed d.) None of these
9)	The value of Gigabyte is
	a.) 1024 Megabytes () b.) 1024 Petabytes
	c.) 1024 bytes d.) 1024 bits
10)	A source program is the program written inlanguage.
	a.) English (p.) Symbolic
	c.) High level d.) Machine
11)	The box that contains the central electronic components of the computer is the
	a.) Input device b.) Peripheral
	c.) System unit d.) Motherboard
12)	is used as a high speed network backbone media
	a.) Fiber Optic Cable ().) Coaxial cable
	c.) Twisted pair Cable d.) None of the above
	13) LAN stands for
	a.) Local Area Network Limited Area Network
	c.) Local Area Next d.) None of these
14)	A microprocessor used in
	a.) Personal computer (b.) ENIAC
	c.) Mini computer d.) Mainframe Computer
15)	Which of the following is not an example of hardware?
	a.) Excel b.) Monitor
	c.) Printer d.) Mouse
	사람들이 많다면 보다 되었다. 그렇게 되었다면 보다 보고 있는데 보다 되었다.
	For Departmental use only
	Max. Marks: 15 Marks Obtained: 13
ill Mary	Name of Evaluator: Movika Pattar Sign. Movika





Course: BCA

ADD-ON COURSE QUIZ

Course Name: Hardware, Assembly & Networking

Time: 30 Min

Date: 26/12/2022

Roll No:

Name: Prateck Kuman

Year/Sem: 1/I

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

	Whe	en the computers shut down, the	cor	itents are lost.
	a.)	Input	b.)	Output
	c.)	Memory	d.) (7	Storage
2)	A ha	ard disk is divided into tracks which	are further	subdivided into
	a.)	Vectors V	b.)	Clusters
	c.)	Sectors	d.)	None of the above
3)	The	Expansion cards are inserted into	ir	a computer
	a.)	Slots of CPU	b.)	Hard Disk of CPU
	c.)	Peripheral Devices \(\sqrt{\chi}	d.)	None of the above
4)	Whi	ch memory is known as Volatile M	emory	gradien en de gradien en de de la company de la company La company de la company d
	a.)	RAM	h) N	LROM.
	a.)	KAIVI	U.) V	Rom
5)	Whi	ch of the following is a device that	is used to co	onnect a number of LANs?
	a.)	Bridge	(b.)	Switch
	c.)	Router	() d.)	Repeater
6)	Whi	ch of the following has the highest	storage	
	a.)	Megabyte	(b.)	Gigabyte
	c.)	Terabyte /	(d.)	Kilobyte
7)	Whi	ch of the following has the fastest s	peed in the	computer memory hierarchy?
	a.)	Cache	b.)	Registers in CPU
	c.)	Main memory	d.)	Disk Cache
				걸음하다면 하다는 말라면 마하스 보고를 되었다.

8)	8) With respect to a network interface eard, the term 10/100 refers to					
	a.) Protocol speed	b.) Megabits persecond				
	c.) A fiber speed	d.) None of these				
9)	The value of Gigabyte is					
	a.) 1024 Megabytes	b.) 1024 Petabytes				
	c.) 1024 bytes	d.) 1024 bits				
10)	A source program is the program written	inlanguage.				
	a.) English	b.) Symbolic				
	c.) High level	d.) Machine				
11)	The box that contains the central electric	ronic components of the computer is the				
	a.) Input device	b.) Peripheral ()				
	c.) System unit	d.) Motherboard				
12)	is used as a high speed network	chackbone media				
	a.) Fiber Optic Cable	b.) Coaxial cable				
	c.) Twisted pair Cable	d.) None of the above				
	13) LAN stands for					
	a.) Local Area Network	b.) Limited Area Network				
	c.) Local Area Next	d.) None of these				
14)	A microprocessor used in					
	a.) Personal computer	b.) EMAC				
	c.) Mini computer	d.) Mainframe Computer				
15)	Which of the following is not an example	of hardware?				
	a.) Excel	b.) Monitor				
AT	c.) Printer	d.) Mouse				
	F	5명 : 10 - 14 3명 : 10 10 10 10 10 10 10 10 10 10 10 10 10				
	For Departn	nental use only				
	Max. Marks: 15 Man	rks Obtained: 04				
	Name of Evaluator: Movika PathakSigi	n. Monthy				





Course: BCA

ADD-ON COURSE QUIZ

Course Name: Hardware, Assembly & Networking

Time: 30 Min

Date: 26/12/2027

Roll No:

Name: Isha

Year/Sem: I/I

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

1)	Whe	en the computers shut down, the	co	ntents are lost.
	a.)	Input	b.)	Output
	c.)	Memory	d.)	Storage
2)	A ha	ard disk is divided into tracks which are	e further	subdivided into
	a.)	Vectors	b.)	Clusters
	c.)	Sectors	d.)	None of the above
3)	The	Expansion cards are inserted into	iı	n a computer
	a.)	Slots of CPU	b.)	Hard Disk of CPU
	c.)	Peripheral Devices	d.)	None of the above
4)	Whi	ch memory is known as Volatile Mem	ory	
	a.)	RAM	b.) (kom/
5)	Which of the following is a device that is used to connect a number of LANs?			
	a.)	Bridge	b.)	Switch (1)
	c.)	Router	d.)	Repeater
6)	Which of the following has the highest storage			
	a.)	Megabyte	b.)	Gigabyte
	c.)	Terabyte	d.)	Kilobyte
7)	Whi	ch of the following has the fastest spee	d in the	computer memory hierarchy?
	a.)	Cache \square	b.)	Registers in CPU
	c.)	Main memory	d.)	Disk Cache
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 P 10 P	2011년 - 1942년 - 1982년 1982년 - 1882년 -		

8) With respect to a network interface card, the term 10/100 refers to					
	a.)	Protocol speed	b.)	Megabits per second	
	c.)	A fiber speed	d.)	None of these	
9)	The	value of Gigabyte is			
	a.)	1024 Megabytes	(b.)	1024 Petabytes	
	c.)	1024 bytes	d.)	1024 bits	
10)	. A s	source program is the program written in	1	language.	
	a.)	English	b.)	Symbolic	
	c.)	High level	d.)	Machine	
11)		The box that contains the central electro	nic co	omponents of the computer is the	
	a.)	Input device	b.)	Peripheral ()	
	c.)	System unit	d.)	Motherboard	
12)		is used as a high speed network	backb	one media	
	a.)	Fiber Optic Cable Twisted pair Cable	Ъ.)	Coaxial cable	
			d.)	None of the above	
	1899	LAN stands for	-1-1-		
	a.)	Local Area Network	. ()	Limited Area Network	
14)	c.)	Local Area Next nicroprocessor used in	_d.)	None of these	
17)	·a.)		1		
	c.)	Personal computer	b.)	ENIAC	
15)		Mini computer	d.)	Mainframe Computer	
,	a.)	nich of the following is not an example o			
	c.)	Excel	b.)	Monitor	
		Printer	d.)	Mouse	
For Departmental use only					
	Max. Marks: 15 Marks Obtained: 10				
	Na	ime of Evaluator: Merika Patrak-Sign.		Navik9	





Course: BCA

ADD-ON COURSE QUIZ

Course Name: Hardware, Assembly & Networking

Time: 30 Min

Date: 26/12/2022

Roll No:

Name:

Sharavan Dubey

Year/Sem: I/I

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

1)	Wh	When the computers shut down, the contents are lost.			
	a.)	Input	b.)	Output	
	c.)	Memory	d.)	Storage	
2)	A h	ard disk is divided into tracks v	which are further	subdivided into	
	a.)	Vectors \	b.)	Clusters	
	c.)	Sectors	d.)	None of the above	
3)	The	Expansion cards are inserted in	ntoin	a computer	
	a.)	Slots of CPU	b.)	Hard Disk of CPU	
	c.)	Peripheral Devices	d.)	None of the above	
4)	Wh	ich memory is known as Volati	le Memory		
	a.)	RAM /	b.)	Rom	
5)	Wh	ich of the following is a device	that is used to co	nnect a number of LANs?	
	a.)	Bridge	b.)	Switch	
	c.)	Router /	d.)	Repeater	
6)	Wh	ich of the following has the hig	hest storage		
	a.)	Megabyte 🗸	b.)	Gigabyte	
	c.)	Terabyte	d.)	Kilobyte	
7)	Whi	ich of the following has the fast	est speed in the c	computer memory hierarchy?	
	a.)	Cache \	b.)	Registers in CPU .	
	c.)	Main memory	d.)	Disk Cache	

8)	With respect to a network interface card, the term 10/100 refers to					
	a.)	Protocol speed	b.)	Megabits per second		
	c.)	A fiber speed	d.)	None of these		
9)	The	value of Gigabyte is				
	a.)	1024 Megabytes	b.)	1024 Petabytes		
	c.)	1024 bytes	d.)	1024 bits		
10)	A s	ource program is the program v	vritten in	language.		
	a.)	English	b.)	Symbolic		
	c.)	High level	d.)	Machine		
11)		The box that contains the centra	al electronic c	omponents of the computer is the		
	·a.)	Input device	b.)	Peripheral		
	c.)	System unit	d.)	Motherboard		
12)		is used as a high speed r	etwork backl	oone media		
	a.)	Fiber Optic Cable	6.7	Coaxial cable		
	c.)	Twisted pair Cable	d.)	None of the above		
	13) LAN stands for					
	a.)	Local Area Network	b.)	Limited Area Network		
	c.)	Local Area Next	d.)	None of these		
· 14)	A m	nicroprocessor used in				
	a.)	Personal computer	b.)	ENIAC ()		
	c.)	Mini computer	d.)	Mainframe Computer		
15)	Whi	ich of the following is not an ex	ample of hard	dware?		
	a.)	Excel	b.)	Monitor		
	c.)	Printer	d.)	Mouse		
For Departmental use only						
	Ma	ax. Marks: 15	Marks Ol	otained: 10		
N. T.						
	Name of Evaluator: Moriko Pathou Sign. Marika					





Course: BCA

ADD-ON COURSE QUIZ

Course Name: Hardware, Assembly & Networking

Time: 30 Min

Date: 26/12/2022

Roll No:

Name:

Dovisti Groyal

Year/Sem: I/I

Note: All questions are compulsory. Each question will carry '1' mark and there is no 'Negative Marking'

	Who	en the computers shut down, the	coı	ntents are lost.
	a.)	Input	b.)	Output
	c.)	Memory	d.)	Storage
2)	A h	ard disk is divided into tracks which a	re further	subdivided into
	a.)	Vectors	b.)	Clusters
	c.)	Sectors V.	d.)	None of the above
3)	The	Expansion cards are inserted into	iı	a computer
	a.)	Slots of CPU	b.)	Hard Disk of CPU
	c.)	Peripheral Devices	(d.)	None of the above
4)	Wh	ich memory is known as Volatile Men	nory	
	a.)	RAM	b.)	Rom
5)	Wh	ich of the following is a device that is	used to co	onnect a number of LANs?
	a.)	Bridge) b.)	Switch
	c.)	Router	d.)	Repeater
6)	Wh	ich of the following has the highest st	orage	in de la companya de La companya de la co
	a.)	Megabyte	b.)	Gigabyte
	c.)	Terabyte	d.)	Kilobyte
7)	Wh	ich of the following has the fastest sp	eed in the	computer memory hierarchy?
	a.)	Cache	b.)	Registers in CPU
	c.)	Main memory	d.)	Disk Cache

8)	With respect to a network interface card, the term 10/100 refers to				
	a.)	Protocol speed	(b.)	Megabits per second	
	(c.)	A fiber speed	d.)	None of these	
9)	The	value of Gigabyte is			
	a.)	1024 Megabytes	(T) b.)	1024 Petabytes	
	c.)	1024 bytes	d.)	1024 bits	
10)	As	source program is the program w	ritten in	language.	
	a.)	English	b.)	Symbolic	
	c.)	High level	(d.)	Machine	
11)		The box that contains the centra	l electronic c	omponents of the computer is the	
	a.)	Input device	b.)	Peripheral	
	c.)	System unit	d.)	Motherboard	
12)		is used as a high speed n	etwork backb	pone media	
	a.) c.)	Fiber Optic Cable Twisted pair Cable	(b.) d.)	Coaxial cable None of the above	
	13)	LAN stands for			
	a.)	Local Area Network	6.)	Limited Area Network	
	c.)	Local Area Next	d.)	None of these	
14)	A n	nicroprocessor used in			
	a.)	Personal computer	b.)	ENIAC ()	
	c.)	Mini computer	(d.)	Mainframe Computer	
15)	[전경 : :				
	a.)	Excel	p.T	Monitor	
	c.)	Printer	d.)	Mouse	
		For De	epartmental	use only	
	Ma	ix. Marks: 15	Marks Ob	otained: 12	
	u.				
	Name of Evaluator: Mowka PathakSign. Moving				