

VIRTUAL UNIVERSITY OF PAKISTAN

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
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TEAM HADI(VU LAHORE)

MID TERM PAST PAPER

We Deal All Kind of VU Project
(PHP, .NET, ANDROID, PYTHON)

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WARNING: Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.



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Best of luck!



Question # 1 of 30 (Start time: 01:34:23 PM, 15 July 2020)

_____ is a short version of binary digit, a smallest unit to store data.

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Select the correct option

- | | |
|----------------------------------|-----------|
| ☒ | Bit |
| ☐ | Byte |
| ☐ | Pattern |
| ☐ | Mega Byte |

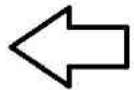
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Question # 2 of 30 (Start time: 01:35:09 PM, 15 July 2020)

How many iterations are required to find 90 in the following array?
{5, 6, 77, 90, 99}

Select the correct option

- | | |
|----------------------------------|---|
| ☐ | 1 |
| ☒ | 2 |
| ☐ | 3 |
| ☐ | 4 |



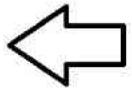
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Question # 3 of 30 (Start time: 01:36:39 PM, 15 July 2020)

_____ can store unique pattern of 21 bits.

Select the correct option

☐	ASCII
☒	ANSI
☐	Unicode
☐	UTF-8



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Question # 4 of 30 (Start time: 01:38:36 PM, 15 July 2020)

_____ CPU can better cope with the ever increasing complexities.

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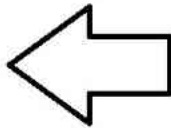
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Select the correct option

☒	More complex
☐	More compatible
☐	More accurate
☐	Complex



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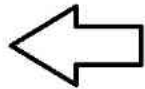
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Question # 5 of 30 (Start time: 01:39:44 PM, 15 July 2020)

Algorithm for Finding Binary Representation of a Positive Decimal Number contain _____ steps.

Select the correct option

- | | |
|----------------------------------|--------------|
| ☐ | One |
| ☒ | Three |
| ☐ | Enough |
| ☐ | Long process |

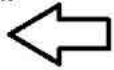


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Question # 6 of 30 (Start time: 01:41:29 PM, 15 July 2020)

If we are interested to search anywhere in the body of the document, we can use _____ operator.

Select the correct option

☐	Intitle
☒	Intext 
☐	Subtitle
☐	Align title

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Question # 7 of 30 (Start time: 01:42:46 PM, 15 July 2020)

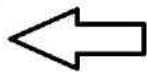
Total Marks: 1

An important task of an _____ is the allocation of the machine's resources to the processes in the system.

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Select the correct option

☐	Process
☒	Operating systems
☐	Windows
☐	Booting



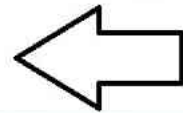
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Question # 8 of 30 (Start time: 01:43:20 PM, 15 July 2020)

Robots can be guided by an

Select the correct option

- | | |
|-------------------------------------|--|
| ☒ | An external control device or the control may be embedded within |
| ☐ | An internal control device or the control may be embedded within |
| ☐ | Remote |
| ☐ | Application |



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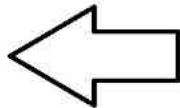
Question # 9 of 30 (Start time: 01:43:58 PM, 15 July 2020)

Total Marks: 1

Using _____ form eliminates the possibility of multiple representations for the same value.

Select the correct option

☐	Abnormal
☐	Normal
☒	Normalized
☐	Unnormalized



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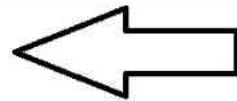
Question # 10 of 30 (Start time: 01:44:38 PM, 15 July 2020)

TIFF is abbreviation of _____?

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Select the correct option

☐	Toggle Image File Format
☐	Template Image File Format
☐	Tagged Image File Frame
☒	Tagged Image File Format



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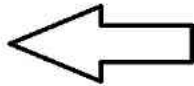
Question # 11 of 30 (Start time: 01:45:33 PM, 15 July 2020)

Total Marks: 1

The repetitive use of an instruction or sequence of instructions is an important algorithmic concept. One method of implementing such repetition is the iterative structure known as the _____.

Select the correct option

☒	Loop
☐	If else
☐	Class
☐	Condition



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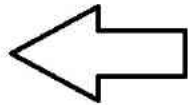
Question # 13 of 30 (Start time: 01:48:04 PM, 15 July 2020)

_____ produces the output as 1 when both of the inputs are 1.

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Select the correct option

☐	OR
☒	AND
☐	XOR
☐	NOT



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Question # 14 of 30 (Start time: 01:48:41 PM, 15 July 2020)

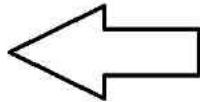
Diameter of COMPACT DISK is

Select the correct option

CD. Stands for "Compact Disc." CDs are circular discs that are 4.

☐ 10 centimeters

☐ 11 centimeters



☒ 12 centimeters

☐ 16 centimeters

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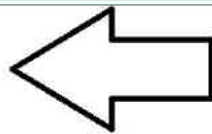
Question # 15 of 30 (Start time: 01:50:09 PM, 15 July 2020)

We can use Boolean operators specially to find relevant pages.

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Select the correct option

☐	"is " "am"
☒	"And" "Or"
☐	Is "it"
☐	If else



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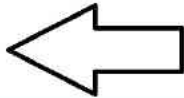
Question # 16 of 30 (Start time: 01:51:32 PM, 15 July 2020)

Total Marks: 1

USB and Firewire provide several hundred_____.

Select the correct option

☒	Mbps
☐	Kbps
☐	Bps
☐	Gbps



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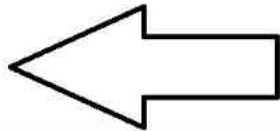
Question # 18 of 30 (Start time: 01:54:00 PM, 15 July 2020)

The bit 0 represents the value false and the bit 1 represents the value_____.

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Select the correct option

☐	Wrong
☐	True/false
☒	True
☐	Empty



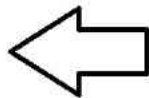
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Question # 19 of 30 (Start time: 01:54:35 PM, 15 July 2020)

In Hexadecimal notation, 1111 is represented by _____.

Select the correct option

☐	A
☐	C
☒	F
☐	E



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ABOUT 2,000,000 RESULTS (0.73 SECONDS)

Hexadecimal Numbers

Decimal Number	4-bit Binary Number	Hexadecimal Number
12	1100	C
13	1101	D
14	1110	E
15	1111	F

15 more rows

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Question # 20 of 30 (Start time: 01:55:35 PM, 15 July 2020)

Total Marks: 1

While sending a message it is the _____ layer's responsibility to provide an address that is compatible with the Internet infrastructure.

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Select the correct option

☒	Application	6
☐	Network	6
☐	Link	
☐	Transport	

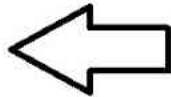
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Question # 21 of 30 (**Start time: 01:56:05 PM, 15 July 2020**)

What is the full form of CGI?

Select the correct option

- | | |
|----------------------------------|---------------------------------|
| ☒ | Common Gateway Interface |
| ☐ | Collective Gateway Interface |
| ☐ | Console Gateway Interface |
| ☐ | Collaborative Gateway Interface |



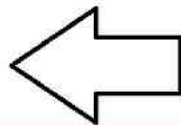
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Question # 22 of 30 (Start time: 01:57:42 PM, 15 July 2020)

The storage of a value with a fractional part requires that we store not only the pattern of 0s and 1s representing its binary representation but also the position of the ____.

Select the correct option

☐	Decimal point
☒	Radix point
☐	Number
☐	Factorial



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Question # 23 of 30 (Start time: 01:58:24 PM, 15 July 2020)

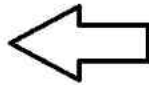
Total Marks: 1

Establishing a well-defined set of building blocks from which algorithm representations can be constructed. Such a building block is called a _____.

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Select the correct option

☐	Program
☒	Primitive
☐	Block
☐	Pile



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Question # 24 of 30 (Start time: 01:58:54 PM, 15 July 2020)

Total Marks: 1

Another lossless data compression technique is _____.

Select the correct option

☐	Binary encoding
☐	Run-length encoding
☐	UTF-8
☒	Frequency- dependent encoding



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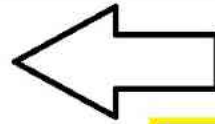
Whatsapp: 0308 7122 922

Question # 25 of 30 (**Start time: 01:59:21 PM, 15 July 2020**)

_____ refers to the address of a file (resource) accessible on the Internet.

Select the correct option

☐	Protocol
☒	Uniform Resource Locator (URL)
☐	Web Browser
☐	HTML



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Question # 27 of 30 (Start time: 02:02:18 PM, 15 July 2020)

While searching weather we will simply add

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Select the correct option

- | | |
|----------------------------------|--------------------------------------|
| ☐ | Centigrade |
| ☐ | The access points of weather |
| ☒ | The location with the word "Weather" |
| ☐ | Temperature |



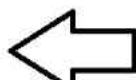
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Question # 28 of 30 (Start time: 02:03:20 PM, 15 July 2020)

By attaching the _____ to a message, the sender can mark the message as authentic.

Select the correct option

☐	Dual Signature
☒	Single Signature
☐	Protocol
☐	Security



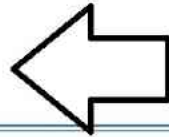
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Question # 29 of 30 (Start time: 02:04:29 PM, 15 July 2020)

If you are interested to search a query for a specific file type, you can include such _____ in the query.

Select the correct option

☒	File type
☐	Version
☐	Program type
☐	Typing



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Question # 30 of 30 (Start time: 02:04:54 PM, 15 July 2020)

A CPU consists of three parts _____.

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Select the correct option

☒	ALU/ control unit, register
☐	ALU/MJPEJ/CU
☐	CIRCUIT /Mp3 /CU
☐	Ram/cache/ dram

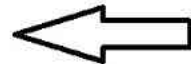
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Question # 30 of 30 (Start time: 03:15:41 PM, 15 July 2020)

Avoid searching the following:

Select the correct option

☐	Lectures
☐	Video
☐	Games
☒	Pressure cooker bomb story



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- 4) GRAND QUIZZES

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