

VIRTUAL UNIVERSITY OF PAKISTAN

A Good Education is a Foundation For a Better Future

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TEAM HADI(VU LAHORE)

MID TERM PAST PAPER

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

MADE AND SOLVED BY HADI

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 # 7 of 30 (Start time: 06:27:14 PM, 02 January 2021)

Total Marks

By using 16 bits in 2's complement notation how many maximum positive number can be represented

Select the correct option

☒	32768	
☐	32678	
☐	32867	
☐	32868	

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Question # 5 of 30 (Start time: 06:48:35 PM, 02 January 2021)

Total Marks: 1

_____ is a form of magnetic system.

Select the correct option

☒	Hard Disk	
☐	CD's	
☐	DVD's	
☐	Flash Drive	

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Question # 8 of 30 (Start time: 06:50:51 PM, 02 January 2021)

Total Marks: 1

_____ is a form of VoIP service, which consists of such devices that allow a user to connect his or her traditional telephone to phone service provided by an access ISP.

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Select the correct option

☐	Soft phones
☐	Wireless VoIP technology of Smartphone
☒	Analog telephone adapters
☐	Embedded VoIP phones

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Question # 3 of 30 (Start time: 06:25:03 PM, 02 January 2021)

Total Marks: 1

If 15 is divided by 5 using repetitive subtraction, how many steps it involves?

Select the correct option

☐	2
☐	4
☒	3
☐	0

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Question # 26 of 30 (Start time: 07:00:06 PM, 02 January 2021)

Total Marks:

In binary Addition 1+1 is =

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Select the correct option

☒	10
☐	2
☐	5
☐	11

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Question # 12 of 30 (Start time: 06:52:59 PM, 02 January 2021)

Total Marks: 1

The control of a loop consists of the _____ activities.

Select the correct option

☐	Two
☒	Three
☐	Four
☐	Five

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Question # 11 of 30 (Start time: 06:52:16 PM, 02 January 2021)

Total Marks: 1

Choose the lowest heading level HTML tag from the given options.

Select the correct option

☐	h1
☐	h2
☐	h4
☒	h6

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Question # 6 of 30 (Start time: 07:09:31 PM, 02 January 2021)

Total Marks:

Avoid searching the following:

Select the correct option

☐	Lectures
☐	Videos
☐	Games
☒	Pressure cooker bomb story

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Question # 23 of 30 (Start time: 07:19:25 PM, 02 January 2021)

Total Marks: 1

Time required to move the read/write heads from one track to another:

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Select the correct option

☐	Random time
☐	Access time
☒	Seek time
☐	Rotational time

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Question # 1 of 30 (Start time: 06:23:53 PM, 02 January 2021)

Total Mark

The _____ in the state of the process must be sufficient to determine uniquely and completely the actions required by each step.

Select the correct option

☐	Program
☒	Information
☐	Data
☐	Instructions

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Question # 7 of 30 (Start time: 06:50:24 PM, 02 January 2021)

Total Marks: 1

TLD Stands for _____.

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Select the correct option

☐	Top Loud Domain
☒	Top Level Domain
☐	Top Lower Domain
☐	Top low domain

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Question # 19 of 30 (Start time: 06:55:42 PM, 02 January 2021)

Total Marks: 1

_____ is abstract and distinct from its representation.

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Select the correct option

☒	Algorithm
☐	Sequence
☐	Protocol
☐	Certificate

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Question # 29 of 30 (Start time: 06:40:59 PM, 02 January 2021)

Total Marks: 1

If you want to search within the range of number, you can use

Select the correct option

☐	Three dots
☐	One dot
☒	Two dots
☐	Comma

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Question # 24 of 30 (Start time: 06:58:53 PM, 02 January 2021)

Total Marks: 1

Hexadecimal notation uses a ____ symbol to represent a pattern of four bits.

Select the correct option

☐	Quad
☒	Single
☐	Double
☐	Triple

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Question # 16 of 30 (Start time: 02:14:39 PM, 02 January 2021)

Total Marks: 1

Which loop structure refers as a pretest loop?

Select the correct option

☒	While
☐	Do while
☐	For
☐	For each

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Question # 28 of 30 (Start time: 02:25:05 PM, 02 January 2021)

Total Marks: 1

www stands for _____

Select the correct option

☐	World White Web	A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL:hadirajputofficial@gmail.com WHATSAPP& CALL:03087122922
☒	World Wide Web	
☐	World Wild Web	
☐	World While Web	

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Question # 24 of 30 (Start time: 09:35:35 PM, 02 January 2021)

Total Marks: 1

Binary notation is a way of representing numeric values using only the _____.

Select the correct option

☒	Digits 0 and 1	
☐	Digits 0 and 0	
☐	Digits 0 and 2	
☐	Digits 2 and 1	

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Question # 8 of 30 (Start time: 02:08:02 PM, 02 January 2021)

Total Marks: 1

Another lossless data compression technique is _____.

Select the correct option

☐	Binary encoding	A Good Education is a Foundation For a Better Future CORRECT ANSWER SOLVED BY HADI EMAIL-hadirajputofficial@gmail.com WHATSAPP& CALL-03087122922
☐	Run-length encoding	
☐	UTF-8	
☒	Frequency- dependent encoding	

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Question # 29 of 30 (Start time: 02:25:21 PM, 02 January 2021)

Total Marks: 1

It is same as the addition in decimal system; you need to align the radix point and perform the addition as we did in simple _____.

Select the correct option

- | | | |
|----------------------------------|--------------------------|--|
| ☒ | Binary or decimal system | |
| ☐ | Hexadecimal | |
| ☐ | Octal | |
| ☐ | Binary | |

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Question # 15 of 30 (Start time: 09:32:08 PM, 02 January 2021)

Total Marks: 1

What does VoIP stands for _____?

Select the correct option

☐	Virtually over Internet Protocol
☒	Voice over Internet Protocol
☐	Voice of Internet Protocol
☐	Voice of International Protocol

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Question # 6 of 30 (Start time: 06:49:36 PM, 02 January 2021)

Total Marks: 1

Word processor like Microsoft Word is an application that

Select the correct option

- | | | |
|----------------------------------|--------------------------------|--|
| ☒ | Build editable word documents, | |
| ☐ | Build editable Program, | |
| ☐ | Build editable Questions, | |
| ☐ | Build editable excel files, | |

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Question # 16 of 30 (Start time: 06:54:27 PM, 02 January 2021)

Total Marks: 1

Scheduler maintains a block of information of all processes in main memory in _____ table

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Select the correct option

☐	Mac	
☐	IP	
☒	Process	
☐	ASCII	

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Question # 7 of 30 (Start time: 07:09:48 PM, 02 January 2021)

Total Marks: 1

The hexadecimal notation for: 111010000101010100010111

Select the correct option

☒	Is E85517	
☐	Is E855	
☐	Is F985517	
☐	Is E5517	

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Question # 28 of 30 (Start time: 07:01:01 PM, 02 January 2021)

Total Marks: 1

The connection between networks to form an internet is handled by devices known as _____.

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Select the correct option

☒	Router
☐	Hub
☐	Gateway
☐	Bridge

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Question # 5 of 30 (Start time: 07:08:52 PM, 02 January 2021)

Total Marks: 1

Instant messaging in which people carry on a written conversation over the Internet, is an example of which model?

Select the correct option

☐	Peer-to- peer	1
☐	Client/server	1
☒	Process-to-process	1
☐	Thread-to-thread	1

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Question # 27 of 30 (Start time: 07:00:34 PM, 02 January 2021)

Total Marks: 1

Who introduce the idea of storing the program in main memory?

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Select the correct option

☐	John W.Mauchly	
☒	John Von Neumann	
☐	J.Presper Eckert	
☐	Konrad zuse	

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Question # 15 of 30 (Start time: 06:31:00 PM, 02 January 2021)

To

When applied to a list with n entries, the binary search algorithm will interrogate an average of ----- entries

Select the correct option

☐	$\log n$
☐	N
☒	$\log_2 n$
☐	$N \log n$

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Question # 18 of 30 (Start time: 06:33:45 PM, 02 January 2021)

Total Marks:

<a> is called the _____ tag in HTML document.

Select the correct option

☐	Actor
☒	Anchor
☐	Action
☐	Alter

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Question # 10 of 30 (Start time: 02:09:31 PM, 02 January 2021)

Total Marks: 1

XML stands for:

Select the correct option

☐	Excel Macro Language	
☐	Extra Markup Language	
☐	Extensible Macro Language	
☒	Extensible Markup Language	

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Question # 11 of 30 (Start time: 09:30:27 PM, 02 January 2021)

Total Marks:

Which of the following case does not exist in complexity theory?

Select the correct option

☒	Null case
☐	Best case
☐	Average case
☐	Worst case

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Question # 17 of 30 (Start time: 07:16:58 PM, 02 January 2021)

Total Marks: 1

As we are dealing with two bits while adding them, there could be _____ possibilities.

Select the correct option

☐	6	
☐	9	
☐	7	
☒	4	

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Question # 4 of 30 (Start time: 09:28:18 PM, 02 January 2021)

Total Marks: 1

Which of the following tag has no ending tag in html?

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Select the correct option

☐	<A>
☐	<P>
☐	
☒	

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Question # 1 of 30 (Start time: 06:46:52 PM, 02 January 2021)

Total Marks: 1

FTP _____ could check all incoming files for the presence of known viruses and block all infected files.

Select the correct option

☐	File server
☒	Proxy server
☐	Web server
☐	Shared server

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Question # 30 of 30 (Start time: 07:21:49 PM, 02 January 2021)

Total Marks: 1

A company can develop _____ for which it chooses to maintain ownership rights.

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Select the correct option

☐	Open system	
☒	Proprietary systems	
☐	Network	
☐	Personal area network	

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Question # 6 of 30 (Start time: 06:26:13 PM, 02 January 2021)

Total Marks: 1

For +ve integers, starting from zero going upward until a single zero is reached followed by all ____.

Select the correct option

☒	1's	
☐	2's	
☐	3's	
☐	0	

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Question # 16 of 30 (Start time: 06:31:58 PM, 02 January 2021)

For a network to function reliably, it is important to establish rules by which activities are conducted. Such rules are called _____.

Select the correct option

- | | |
|----------------------------------|------------|
| ☐ | Properties |
| ☐ | Patterns |
| ☐ | Premises |
| ☒ | Protocols |

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Question # 11 of 30 (Start time: 07:12:40 PM, 02 January 2021)

Total Marks: 1

Once an intruder (or perhaps an authorized user with malicious intent) gains access to a computer system, the next step is usually to explore, looking for information of interest or for places to insert _____ ?

Select the correct option

☐	Login software	
☒	Destructive software	
☐	Informative software	
☐	Acknowledged	

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Question # 26 of 30 (Start time: 06:38:42 PM, 02 January 2021)

Total Marks: 1

Step wise refinement is a ____ methodology in that it progresses from the general to the specific.

Select the correct option

☐	Bottom up
☒	Top down
☐	Left to right
☐	Right to left

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Question # 27 of 30 (Start time: 07:20:49 PM, 02 January 2021)

Total Marks: 1

Using _____, we can find the trend of the stock market for a company

Select the correct option

☐	Plus, operator	
☐	@ operator	
☒	Stocks Operator	
☐	Boolean operators	

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Question # 30 of 30 (Start time: 06:41:53 PM, 02 January 2021)

Total Marks: 1

Data were stored in memory; programs were part of the _____.

Select the correct option

☒	CPU	
☐	Cable	
☐	BUS	
☐	CACHE	

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Question # 3 of 30 (Start time: 06:47:35 PM, 02 January 2021)

Total Marks: 1

Binary notation has _____ representation.

Select the correct option

☐	One
☒	Two
☐	Three
☐	Four

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Question # 25 of 30 (Start time: 07:20:07 PM, 02 January 2021)

Total Marks: 1

By using 16 bits in 2's complement notation how many maximum positive number can be represented

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Select the correct option

☒	32768	
☐	32678	
☐	32867	
☐	32868	

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Question # 28 of 30 (Start time: 06:39:51 PM, 02 January 2021)

Total I

An interrupt converts the CPU to privileged mode and transfers control to _____ within the operating system.

Select the correct option

☒	Interrupt handler
☐	Scheduler
☐	Dispatcher
☐	Memory manager

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Question # 25 of 30 (Start time: 06:38:08 PM, 02 January 2021)

Total Marks: 1

Internet is a collection of networks constructed by _____

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Select the correct option

☐ Intranet Server Provider☒ Internet Service Provider☐ Internet Service Producer☐ Intranet Service Producer**MADE BY HADI**

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Question # 23 of 30 (Start time: 06:58:02 PM, 02 January 2021)

Total Marks: 1

One term could be used for more than one thing. For example word "Jaguar" is used in two meanings such as:

Select the correct option

☐	Car and helicopter.	
☐	Car and bus.	
☒	Animal and car	
☐	Car and Cat	

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Question # 22 of 30 (Start time: 06:36:07 PM, 02 January 2021)

Total Mark

Leibniz's machines were achieved by observing the _____ positions.

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Select the correct option

☐	Third gear	
☐	First gear	
☒	Final gear	
☐	Second gear	

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Question # 21 of 30 (Start time: 06:56:54 PM, 02 January 2021)

Total Marks: 1

One of the major uses of the ____ operation is for placing 0s in one part of a bit pattern while not disturbing the other part.

Select the correct option

☒	AND
☐	OR
☐	XOR
☐	NOR

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- 4) GRAND QUIZZES

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