

VIRTUAL UNIVERSITY OF PAKISTAN

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP & CALL: 03087122922

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.



WhatsApp: 03087122922



FACEBOOK ID: <https://www.facebook.com/hadipastpapers/>

Best of luck!



Question # 1 of 30 (Start time: 03:49:43 PM, 26 December 2020)

Total Marks: 1

Sequence diagrams:

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP & CALL: 03087122922

Select the correct option

- | | | |
|----------------------------------|-----------------------------|---|
| ☐ | Provide the static behavior | / |
| ☐ | Provide Data Flow | / |
| ☒ | Provide a time-based view | |
| ☐ | Provide parallel data flow | |

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 3 of 30 (Start time: 03:52:53 PM, 26 December 2020)

Total Marks: 1

Identifying Whole-Part structures (Aggregations) means what are my _____

Select the correct option

☒	Components
☐	Attributes
☐	Methods
☐	Messages

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 4 of 30 (Start time: 03:53:52 PM, 26 December 2020)

Total Marks: 1

Construction activities are directly related to software _____.

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL: 03087122922

Select the correct option

☐	Management
☐	Planning
☐	Quality Assurance
☒	Development

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 5 of 30 (Start time: 03:55:20 PM, 26 December 2020)

Total Marks: 1

In Data Flow Diagram, the entity or system, outside the boundary of this system is called

Select the correct option

☐	Process	
☐	Data Flow	
☒	External Agent	
☐	Data Store	

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 7 of 30 (Start time: 03:57:39 PM, 26 December 2020)

Total Marks: 1

In Abbot's Textual Analysis technique, the proper noun (e.g. Mehdi Hassan) represents

Select the correct option

☐	Class
☒	Instance
☐	Inheritance
☐	Aggregation

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL: 03087122922

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 8 of 30 (Start time: 03:58:21 PM, 26 December 2020)

Total Marks: 1

The data on which the program operates is also considered as part of the

Select the correct option

☐	Important Data	
☒	Software	
☐	Logical Data	
☐	Utility Software	

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 0308 7122922 (Team Hadi Lahore)

Question # 10 of 30 (Start time: 04:00:39 PM, 26 December 2020)

Total Marks: 1

In object oriented design, _____ layer contains the data structures and algorithmic design for all attributes and operations for each object.

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL: 03087122922

Select the correct option

☐	Subsystem
☐	Class and Object
☐	Message
☒	Responsibility

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 13 of 30 (Start time: 04:05:35 PM, 26 December 2020)

Total Marks: 1

_____ is an extremely powerful technique for dealing with complexity.

Select the correct option

☐	Aggregation	1/1
☒	Abstraction	1/1
☐	Inheritance	
☐	Association	

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

Question # 14 of 30 (Start time: 04:07:11 PM, 26 December 2020)

Total Marks: 1

A ____ relationship indicates that one entity is composed of one or more parts which are themselves instances of that or another entity.

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP & CALL: 03087122922

Select the correct option

☐	Inheritance
☒	Whole-part
☐	Generalization
☐	Specialization

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 15 of 30 (Start time: 04:07:55 PM, 26 December 2020)

Total Marks: 1

The system model template contains which of the following elements

Select the correct option

☐	Input
☐	Output
☐	System Out
☒	Input / Output

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

Question # 16 of 30 (Start time: 04:09:28 PM, 26 December 2020)

Total Marks: 1

Many of the problems encountered in Software development are attributed to shortcoming in _____.

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL: 03087122922

Select the correct option

☒	Requirement Gatherings	16
☐	Coding	16
☐	Testing	
☐	Maintenance	

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 17 of 30 (Start time: 04:10:14 PM, 26 December 2020)

Total Marks: 1

In sequence diagram, the objects are organized in a _____ line and the events in a _____ time line.

Select the correct option

☐	Horizontal, straight	
☐	Vertical, straight	
☒	Horizontal, vertical	
☐	Vertical, horizontal	

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

Question # 18 of 30 (Start time: 04:11:03 PM, 26 December 2020)

Total Marks: 1

Which of the following is not supported by a maintainable design?

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL: 03087122922

Select the correct option

☐	Change
☐	debugging
☐	Adding new features
☒	Higher maintenance cost

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 19 of 30 (Start time: 04:12:42 PM, 26 December 2020)

Total Marks: 1

The _____ relationship is kind of a generalization specialization relationship.

Select the correct option

☐	Bit-Byte
☐	Uses
☐	Binary
☒	Extends

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 21 of 30 (Start time: 04:14:32 PM, 26 December 2020)

Total Marks:

Normally a System will be more easy to modify if its modules have:

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL: 03087122922

Select the correct option

- | | |
|----------------------------------|----------------------------------|
| ☐ | High coupling and High cohesion. |
| ☐ | High coupling and Low cohesion. |
| ☒ | Low coupling and High cohesion. |
| ☐ | Low coupling and Low Cohesion. |

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 22 of 30 (Start time: 04:15:29 PM, 26 December 2020)

Total Marks: 1

Which of the following is NOT among one of the four layers of the Object Oriented (OO) design pyramid

Select the correct option

☐	The subsystem layer	
☐	The class and object layer	
☒	The Abstract layer	
☐	The message layer	

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

Question # 25 of 30 (Start time: 04:19:06 PM, 26 December 2020)

Total Marks: 1

A _____ is a system component that provides services to other components but would not normally be considered as a separate system.

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL-hadirajputofficial@gmail.com
WHATSAPP& CALL-03087122922

Select the correct option

☐	Method	
☒	Module	
☐	Message	
☐	Relationship	

MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question # 24 of 30 (Start time: 04:17:51 PM, 26 December 2020)

Total Marks: 1

There are _____most important characteristics of an object.

Select the correct option

☐	Six
☐	Four
☐	Two
☒	Three

MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question # 26 of 30 (Start time: 04:19:48 PM, 26 December 2020)

Total Marks: 1

In "Railway ticket reservation system" the roles such as inquiry, reservation, ticketing and cancellation are to be performed by the user called:-

Select the correct option

☒	Passenger
☐	System analyst
☐	System developer
☐	System designer

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL: 03087122922

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 28 of 30 (Start time: 04:22:02 PM, 26 December 2020)

Total Marks: 1

In the case of _____ approach, data is decomposed according to functionality requirements.

Select the correct option

☐	Object-oriented	//
☒	Action-oriented	//
☐	Event-oriented	
☐	Process-oriented	

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 0308 7122 922 (Team Hadi Lahore)

Question # 29 of 30 (Start time: 04:23:15 PM, 26 December 2020)

Total Marks: 1

In Data Flow Diagram (DFD), one data store cannot directly copy the data from another _____.

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI

EMAIL: hadirajputofficial@gmail.com

WHATSAPP& CALL: 03087122922

Select the correct option

☐	Agent
☐	Process
☒	Data store
☐	Flow

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 30 of 30 (Start time: 11:46:07 PM, 26 December 2020)

Total Marks: 1

Return values in Synchronous messages are represented by:

Select the correct option

- | | | |
|----------------------------------|--------------------------|--|
| ☐ | A solid line | |
| ☒ | A dotted line with label | |
| ☐ | A solid line with label | |
| ☐ | Double line | |

MADE BY HADI

Question # 25 of 30 (Start time: 11:43:31 PM, 26 December 2020)

Total Marks:

At which stage of software development loop, results are delivered?

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

Select the correct option

☐	Problem definition	
☐	Solution integration	
☐	Technical development	
☒	Status quo	

MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question # 8 of 30 (Start time: 11:32:47 PM, 26 December 2020)

Total Marks

Which elements of business processing engineering are the responsibilities of the software engineer?

Select the correct option

☐	business area analysis	
☒	business system design	
☐	product planning	
☐	information strategy planning	

MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question # 5 of 30 (Start time: 11:30:55 PM, 26 December 2020)

Total Marks: 1

_____ diagram does not capture control flow information, it just shows the flow of the data in a system.

Select the correct option

☐	Sequence
☒	Data Flow
☐	Activity
☐	Class

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP & CALL: 03087122922

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 17 of 30 (Start time: 11:38:23 PM, 26 December 2020)

Total Marks: 1

In case of a _____ message, the called routine that handles the message is completed before the caller resumes execution.

- a. Synchronous
- b. Asynchronous
- c. Bidirectional

Select the correct option

☒	a only
☐	b only
☐	c only
☐	both b and c.

MADE BY HADIEmail: hadiraiputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 16 of 30 (Start time: 11:37:46 PM, 26 December 2020)

Total Marks: 1

Transactions are the _____ that must be remembered through time:

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP& CALL: 03087122922

Select the correct option

☒	Events
☐	Actions
☐	Triggers
☐	Methods

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 23 of 30 (Start time: 11:42:14 PM, 26 December 2020)

Total Marks: 1

Data cannot flow from one external entity to other external entity because:

Select the correct option



It will get corrupted



It is not allowed in DFD



An external entity has no mechanism to read or write



Both are outside the context of the system

MADE BY HADIEmail: hadi@inputofficial@gmail.com | https://t.me/hadi_93087122822 (Team: Hadi Lahore)

Question # 6 of 30 (Start time: 11:31:44 PM, 26 December 2020)

Total Marks: 1

In sequence diagram, the boxes denote:

Select the correct option

☒	Objects (or classes)
☐	Messages, sent from one object to other
☐	Life-time of Objects
☐	Relationships

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP & CALL: 03087122922

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 22 of 30 (Start time: 11:41:40 PM, 26 December 2020)

Total Marks: 1

In a top-down system analysis, a/an _____ is required to develop high level view of the system at first.

Select the correct option

☒	Analyst
☐	Designer
☐	Tester
☐	Developer

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 9 of 30 (Start time: 03:59:02 PM, 26 December 2020)

Total Marks: 1

In the case of _____, intra component linkages are stronger while inter component linkages are weak.

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

Select the correct option

☐	high cohesion	//
☐	low coupling	//
☐	low cohesion	
☒	high coupling	

MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question # 10 of 30 (Start time: 11:34:15 PM, 26 December 2020)

Total Marks: 1

The modules interacting with each other through message passing have _____ between them.

Select the correct option

☒	low cohesion
☐	high cohesion
☐	low coupling
☐	high coupling

MADE BY HADIEmail: hadirajputofficial@gmail.com Whatsapp: 0308 7122922 (Team Hadi Lahore)

Question # 24 of 30 (Start time: 11:42:44 PM, 26 December 2020)

Total Marks

The criteria used to assess the quality of an architectural design should be based on system

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL: hadirajputofficial@gmail.com
WHATSAPP & CALL: 03087122922

Select the correct option

☐

accessibility and reliability

☒

data and control

☐

functionality

☐

implementation details

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 21 of 30 (Start time: 11:40:48 PM, 26 December 2020)

Total Marks: 1

Which of the following is NOT among one of the four layers of the Object Oriented (OO) design pyramid

Select the correct option

☐	The subsystem layer	
☐	The class and object layer	
☒	The Abstract layer	
☐	The message layer	

MADE BY HADI

Email: hadirajputofficial@gmail.com Whatsapp: 03087122922 (Team Hadi Lahore)

Question # 12 of 30 (Start time: 11:35:03 PM, 26 December 2020)

Total Marks: 1

The system model template contains which of the following elements

Select the correct option

☐	Input	
☐	Output	
☐	System Out	
☒	Input / Output	

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI
EMAIL-hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

HADI VU PAST PAPER

WE DEAL ALL KIND OF VU PROJECT
(PHP, ANDROID, PYTHON)

DEAR STUDENTS

ARE YOU LOOKING
FOR ASSISTANCE

- 1) ASSIGNMENTS
- 2) QUIZZES
- 3) GDB
- 4) GRAND QUIZZES

We Provide, You Solution
of VU Academic Activities
include Assignments,
Quizzes, GDBs, Grand Quizzes
If You Need Help in Services
Kindly inform us.

TEAM HADI
(VU LAHORE)



TEAM HADI
(VU LAHORE)



HADI TECH

#PAID_TASK

CONTACT US

CALL & WHATSAPP

0308-7122922