

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: 08:47:53 PM, 26 December 2020)

Total Marks: 1

Primary goal of the _____ is to reduce running time of the compiled code.

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

☐	Front end
☐	Back end
☒	Middle end
☐	Finite Automata

MADE BY HADI

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

Question # 2 of 30 (Start time: 08:49:07 PM, 26 December 2020)

Total Marks: 1

Typical compilation means programs written in high-level languages to low-level _____

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

☒	Object code
☐	Byted code
☐	Unicode
☐	Both Object Code and byte code

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

Question # 3 of 30 (Start time: 08:49:38 PM, 26 December 2020)

Total Marks: 1

_____ are the most popular for specifying tokens.

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

☐	Common languages	
☒	Regular Languages	
☐	English languages	
☐	Difficult languages	

MADE BY HADI

Question # 4 of 30 (Start time: 08:50:10 PM, 26 December 2020)

Total Marks: 1

In the Parse trees the interior nodes contain the _____ used during the derivation.

Select the correct option

☐	Terminals
☒	Non-terminals
☐	Expressions
☐	Leaf nodes

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

Question # 5 of 30 (Start time: 08:50:55 PM, 26 December 2020)

Total Mark

The top-down parsing algorithm proceeds by constructing the _____ node of the parse tree.

Select the correct option

☒	Root
☐	Child
☐	Leaf node
☐	Kid node

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 # 6 of 30 (Start time: 08:52:14 PM, 26 December 2020)

Total Marks: 1

An important component of semantic analysis is _____.

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

☐	Code checking
☒	Type checking
☐	Flush checking
☐	Random checking

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

Question # 7 of 30 (Start time: 08:52:38 PM, 26 December 2020)

Total Marks:

NFA is _____ to implement as compared to DFA.

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

☐	easy	
☒	Difficult	
☐	Neither easy nor difficult	
☐	Impossible	

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

Question # 9 of 30 (Start time: 08:57:57 PM, 26 December 2020)

Total Marks: 1

In parser the two LL stand(s) for _____.

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

☐	Left-to-right scan of input	0
☐	left-most derivation	0
☒	Left-to-right scan of input and left-most derivation	1
☐	Right to left scan of input	0

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

Question # 14 of 30 (Start time: 09:03:29 PM, 26 December 2020)

Total Marks: 1

We can get an LL(1) grammar by _____.

Select the correct option

- | | |
|----------------------------------|--|
| ☐ | Removing left recurrence |
| ☐ | Applying left factoring |
| ☒ | Removing left recurrence and Applying left factoring |
| ☐ | Applying left recurrence |

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 # 15 of 30 (Start time: 09:04:07 PM, 26 December 2020)

Total Marks: 1

If a _____ picks the wrong production, it may need to backtrack.

Select the correct option

☐	Scanner
☐	Bottom-up parser
☒	Top-down parser
☐	Optimizer

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: 09:06:00 PM, 26 December 2020)

Total Marks: 1

_____ always gives a tree like structure as output

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

☐	Scanner	
☐	Optimizer	
☒	Parser	
☐	Assembler	

MADE BY HADI

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

Question # 18 of 30 (Start time: 09:06:43 PM, 26 December 2020)

Total Marks: 1

_____ phase which supports macro substitution and conditional compilation.

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

☒	Semantic
☐	Syntax
☐	Preprocessing
☐	Postprocessing

MADE BY HADI

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

Question # 20 of 30 (Start time: 09:08:19 PM, 26 December 2020)

Total Marks: 1

Front end of two pass compiler takes _____ as input.

Select the correct option

☒	Source code
☐	Intermediate Representation (IR)
☐	Machine Code
☐	Machine code

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)

Question # 21 of 30 (Start time: 09:08:40 PM, 26 December 2020)

Total Marks: 1

The _____ contains a lot of unneeded information.

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

☒	Parse tree	
☐	Abstract syntax tree	
☐	Complete tree	
☐	Abstract syntax tree	

MADE BY HADI

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

Question # 23 of 30 (Start time: 09:10:22 PM, 26 December 2020)

Total Marks: 1

The scanner takes _____ as input and maps the character stream into "words" that are the basic unit of syntax.

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

☐	Words
☒	Program
☐	Sentences
☐	tokens

MADE BY HADI

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

Question # 25 of 30 (Start time: 09:12:00 PM, 26 December 2020)

Total Marks: 1

A _____ starts at the root of the parse tree and grows towards leaves.

Select the correct option

☒	Top-down parser
☐	Bottom-up parser
☐	Vertical parser
☐	Horizontal parser

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: 0308 7122 922 (Team Hadi Lahore)

Question # 26 of 30 (Start time: 09:12:36 PM, 26 December 2020)

Total Marks:

_____decides which values to keep in registers in order to avoid memory access.

Select the correct option

☒	Back end
☐	Front end
☐	Compiler
☐	Scanner

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)

Question # 27 of 30 (Start time: 09:13:27 PM, 26 December 2020)

Total Marks: 1

Flex generates lexical analyzer 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

- | | |
|----------------------------------|----------|
| ☒ | C or C++ |
| ☐ | C |
| ☐ | C++ |
| ☐ | Java |

MADE BY HADI

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

Question # 28 of 30 (Start time: 09:14:12 PM, 26 December 2020)

Total Marks: 1

Which one is NOT the Role of Run-Time 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

☐	Memory management	
☐	Garbage collection	
☐	Run-time type checking	
☒	Syntax analysis	

MADE BY HADI

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

Question # 29 of 30 (Start time: 09:15:44 PM, 26 December 2020)

Total Marks: 1

_____ are one kind of intermediate representation (IR).

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

☐	Parse tree	
☒	Abstract syntax tree	
☐	Binary tree	
☐	Complete tree	

MADE BY HADI

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

Question # 30 of 30 (Start time: 09:16:19 PM, 26 December 2020)

Total Marks:

Both leftmost and rightmost derivations give the _____ because the grammar directly encodes the desired precedence.

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

- | | |
|----------------------------------|----------------------|
| ☐ | Different expression |
| ☐ | Reduced expression |
| ☒ | Same expression |
| ☐ | Expanded expression |

MADE BY HADI

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

Question # 23 of 30 (Start time: 09:10:22 PM, 26 December 2020)

Total Marks: 1

The scanner takes _____ as input and maps the character stream into "words" that are the basic unit of syntax.

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

☐	Words
☒	Program
☐	Sentences
☐	tokens

MADE BY HADI

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

Question # 27 of 30 (Start time: 09:13:27 PM, 26 December 2020)

Total Marks: 1

Flex generates lexical analyzer 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

- | | |
|----------------------------------|----------|
| ☒ | C or C++ |
| ☐ | C |
| ☐ | C++ |
| ☐ | Java |

MADE BY HADI

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

Question # 20 of 30 (Start time: 09:08:19 PM, 26 December 2020)

Total Marks: 1

Front end of two pass compiler takes _____ as input.

Select the correct option

☒	Source code
☐	Intermediate Representation (IR)
☐	Machine Code
☐	Machine code

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)

Question # 21 of 30 (Start time: 09:08:40 PM, 26 December 2020)

Total Marks: 1

The _____ contains a lot of unneeded information.

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

☒	Parse tree	
☐	Abstract syntax tree	
☐	Complete tree	
☐	Abstract syntax tree	

MADE BY HADI

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

Question # 25 of 30 (Start time: 09:12:00 PM, 26 December 2020)

Total Marks: 1

A _____ starts at the root of the parse tree and grows towards leaves.

Select the correct option

☒	Top-down parser
☐	Bottom-up parser
☐	Vertical parser
☐	Horizontal parser

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: 0308 7122922 (Team Hadi Lahore)

Question # 26 of 30 (Start time: 09:12:36 PM, 26 December 2020)

Total Marks:

_____decides which values to keep in registers in order to avoid memory access.

Select the correct option

☒	Back end
☐	Front end
☐	Compiler
☐	Scanner

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