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
HADI VU PAST PAPER

MID TERM PAST PAPER

We Deal All Kind of VU Project
(PHP, .NET,ANDROID,PYTHON)
B.ED(THESIS AND RESEARCH PROJECT)

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

TEAM HADI(VU)

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

Best of luck!

PAST PAPER

Question No : 1 of 26 Marks: 1 (Budgeted Time 1 Min)

The proposition p ↔ q is called _____ ?

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

Answer (Please select your correct option)

- Negation
- Conjunction
- Disjunction
- Biconditional

TEAM HADI(VU)
MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 2 of 26 **Marks: 1 (Budgeted Time 1 Min)**

Let **p** be the statement "you study " and **q** be the statement " you pass the exams."
Express the following proposition as an English sentence.

$$\sim p \rightarrow \sim q$$

Answer (Please select your correct option)

- If you study then you pass the exams.
- If you do not study then you pass the exams.
- If you study then you do not pass the exams.
- If you do not study then you do not pass the exams.

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 3 of 26 Marks: 1 (Budgeted Time 1 Min)

Let **p** be the statement "You study" and **q** be the statement "You pass the exams."
Express the following proposition as an English sentence.

$p \rightarrow q$

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

Answer (Please select your correct option)

- If you pass the exams then you must have studied.
- If you study then you pass the exams. ✓
- If you pass the exams then do not study.
- If you do not study then you do not pass the exams.

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 4 of 26 Marks: 1 (Budgeted Time 1 Min)

What is the negation of the statement " Today is Friday " ?

Answer (Please select your correct option)

- Today is Saturday
- Today is not Friday
- Today is Thursday

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 5 of 26 Marks: 1 (Budgeted Time 1 Min)

An argument is valid if the conclusion is true when all the premises are .....

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

Answer (Please select your correct option)

- True
- Not given
- False

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 6 of 26 Marks: 1 (Budgeted Time 1 Min)

An argument is invalid if the conclusion is false when all the premises are .....

Answer (Please select your correct option)

- False
- True

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 7 of 26 Marks: 1 (Budgeted Time 1 Min)

Let A={1,2,3,4} and B={5,6,7}, then $A \cap B =$ .....

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

Answer (Please select your correct option)

- {1,2,3}
- {5,6,7}
- {1,2,3,4,5,6,7}
- ∅

TEAM HADI(VU)
MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 8 of 26 Marks: 1 (Budgeted Time 1 Min)

If no element is common in two sets P and Q , then the sets are called .....

Answer (Please select your correct option)

- Exhaustive sets
- Dissimilar sets
- Disjoint sets

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 9 of 26 Marks: 1 (Budgeted Time 1 Min)

The sets {1, b} and { b,1 } are equal

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

Answer (Please select your correct option)

- True
- False

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 10 of 26 Marks: 1 (Budgeted Time 1 Min)

Let $A = \{x: x \in N and\ x^2 + 1 = 10\}$ where N is the set of natural numbers.
Which of the following is tabular form of A ?

Answer (Please select your correct option)

- $\{-3, 3\}$
- $\{3\}$
- $\{9\}$
- $\{1\}$

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 11 of 26 Marks: 1 (Budgeted Time 1 Min)

All of the following sets are equal.
$(r,s,t),(s,r,t),(t,r,s),(s,t,r)$

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

Answer (Please select your correct option)

- True
- False

TEAM HADI(VU)
MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 12 of 26 Marks: 1 (Budgeted Time 1 Min)

Let R be a relation from set A to B, if R is symmetric then its inverse will be .....

Answer (Please select your correct option)

- symmetric
- antisymmetric
- transitive

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 13 of 26 Marks: 1 (Budgeted Time 1 Min)

Which of the relation defines a function from X = {2,4,5} to Y={1,2,4,6}.
R_1 = {(2,4), (4,1)}
R_2 = {(2,4), (4,1), (4,2), (5,6)}
R_3 = {(2,4), (4,1), (5,6)}

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

Answer (Please select your correct option)

- R_1 and R_2
- R_1
- R_3
- R_2 and R_3

TEAM HADI(VU)
MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 14 of 26 Marks: 1 (Budgeted Time 1 Min)

Let R be a binary relation on a set A. R is irreflexive iff

Answer (Please select your correct option)

- $a \in A, (a,a) \notin R$
- $\forall a \in A, (a,a) \in R$
- $\forall a \in A, (a,a) \notin R$

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 15 of 26 Marks: 1 (Budgeted Time 1 Min)

domain		range
-3	⟶	-6
-2	⟶	-1
-1	⟶	0
0	⟶	3
1	⟶	15

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

Answer (Please select your correct option)

- One to one function
- Not a function
- Many to one function
- Onto function

TEAM HADI(VU)
MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 16 of 26 Marks: 1 (Budgeted Time 1 Min)

We calculate the sum of the series 1+2+3+……+100 by using formula

Answer (Please select your correct option)

- $\frac{n(n+1)}{2}$
- $\frac{(n+1)}{2}$
- $\frac{n(n+1)}{6}$

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 17 of 26 Marks: 1 (Budgeted Time 1 Min)

The nth term of an A. P (Arithmetic Progression) is.....

A Good Education is a Foundation For a Better Future

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

Answer (Please select your correct option)

- a+(n-1)d
- a+(n +1)d
- (n-1)d

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 18 of 26 Marks: 1 (Budgeted Time 1 Min)

On the excel sheet if you enter 5 in cell A90 and 10 in cell A91 then the formula for their sum in excel is .....

Answer (Please select your correct option)

- = A90 + A91
- = A90 × A91

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 19 of 26 Marks: 1 (Budgeted Time 1 Min)

If
Initial value = 200
Final Value = 210
Increase = 10
Then the Percentage change .....

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

Answer (Please select your correct option)

- 10%
- 5%
- 20%
- 15%

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 20 of 26 Marks: 1 (Budgeted Time 1 Min)

If
Initial value = 12
Final Value = 15
Increase = 3
Then the Percentage change.....

Answer (Please select your correct option)

- 30%
- 15%
- 25%
- 12%

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 21 of 26 Marks: 2 (Budgeted Time 4 Min)

A relation R on the set of Natural numbers N is defined as:
For all $a, b \in N$, $a R b$ iff $a \times b$ is odd.
Show that R is not reflexive.

Answer (Please click here to Add Answer)

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)

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 22 of 26 Marks: 2 (Budgeted Time 4 Min)

Consider the following diagrams



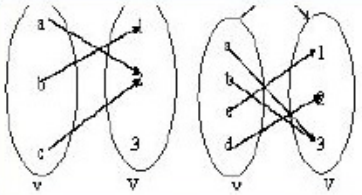
Answer (Please click here to Add Answer)

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 22 of 26 Marks: 2 (Budgeted Time 4 Min)



Answer (Please click here to Add Answer)

100% Normal Arial 12

A Good Education is a Foundation For a Better Future

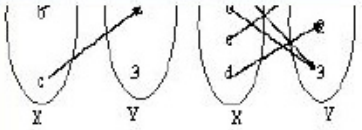
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 22 of 26 Marks: 2 (Budgeted Time 4 Min)



State whether f and g are onto functions or not?

Answer (Please click here to Add Answer)

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 23 of 26 Marks: 3 (Budgeted Time 6 Min)

Identify the true and false statements.

1. $\{2\} \subset \{1, 2, 3\}$
2. $\{2\} \subseteq \{\{1\}, \{2\}\}$
3. $\{2\} \in \{\{1\}, \{2\}\}$

Answer (Please click here to Add Answer)

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)

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 24 of 26 Marks: 3 (Budgeted Time 6 Min)

Let f: R→R. defined as $f(x)= 9x^2$. Show that the function is well defined.

Answer (Please click here to Add Answer)



TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 25 of 26 Marks: 5 (Budgeted Time 10 Min)

Using Membership Table prove the following:

$(A \cap B)^c = A^c \cup B^c$

Answer (Please click here to Add Answer)

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)

MADE BY HADI
Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)

Question No : 26 of 26 **Marks: 5 (Budgeted Time 10 Min)**

Show that the sum of first n terms of following arithmetic series is n^2

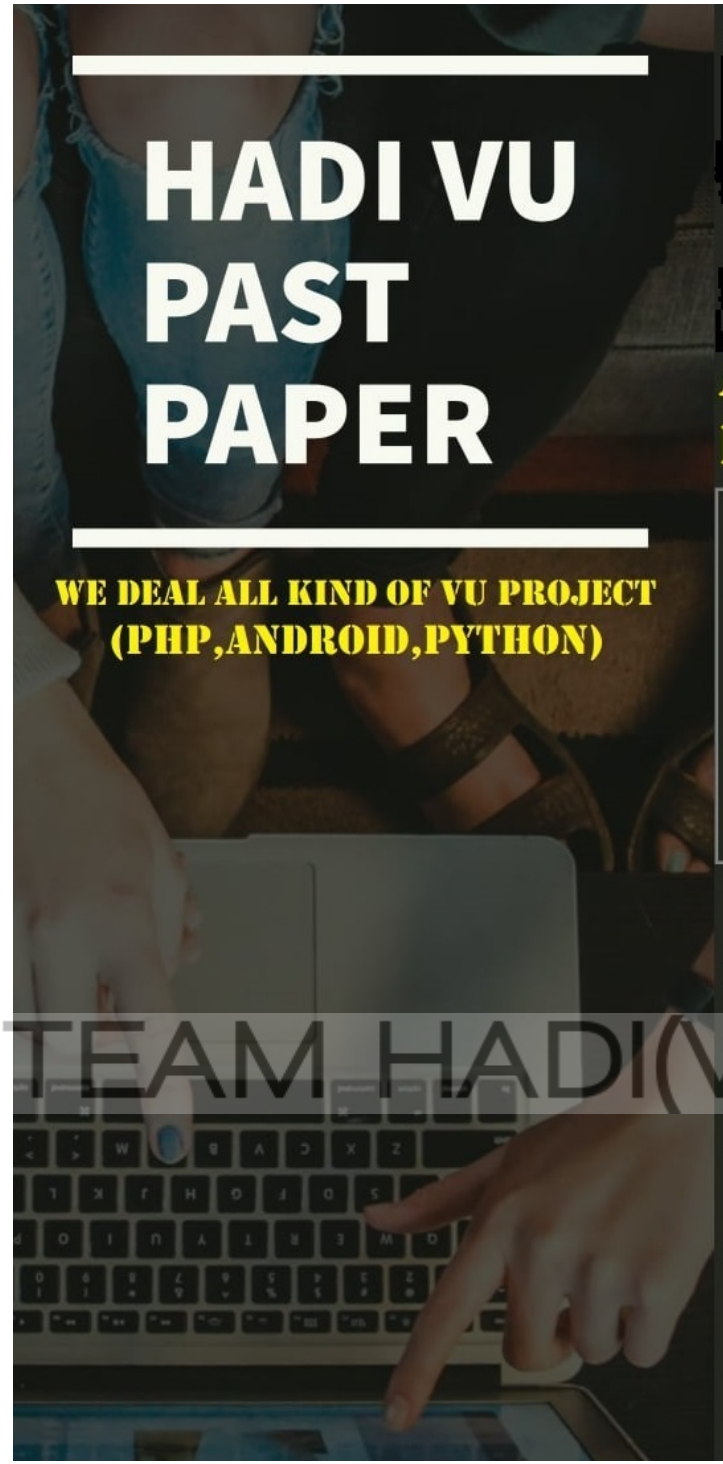
$1+3+5+\ldots+(2n-1)+\ldots$

Answer (Please click here to Add Answer)

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.com WhatsApp:03087122922 (Bitout Software House)



HADI VU PAST PAPER

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

TEAM HADI(VU)

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
BITOUT SOFTWARE HOUSE

TEAM HADI
(VU LAHORE)

HADI TECH

#PAID_TASK

CONTACT US

CALL & WHATSAPP

0308-7122922