

LMS-Virtual University of Pakistan x Quiz x (2) MTH 405 Quiz 1 2020 - YouT x +

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BC190203843: SADAF NAZIR

MTH405: Quiz No:1

Time Left 87 sec(s)

Quiz Start Time: 03:35 PM, 12 June 2020

Question # 1 of 5 (Start time: 03:35:28 PM, 12 June 2020) Total Marks: 1

A group of prime order is cyclic.

Select the correct option

True

False

Click to Save Answer & Move to Next Question

Windows taskbar: 3:35 AM 12/06/2020

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BC190203843: SADAF NAZIR

MTH405: Quiz No:1

Time Left 80 sec(s)

Quiz Start Time: 03:35 PM, 12 June 2020

Question # 2 of 5 (Start time: 03:35:38 PM, 12 June 2020) Total Marks: 1

Let $H = \{1, -1\}$ and $i \in G$. Then the left coset iH is

Select the correct option

☒ $\{i, -i\}$

☐ $\{1, -1, i, -i\}$

☐ $\{1, -1\}$

☐ $\{-1, i, -i\}$

Reload Math Equations

Click to Save Answer & Move to Next Question

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BC190203843: SADAF NAZIR

MTH405: Quiz No:1

Time Left 83 sec(s)

Quiz Start Time: 03:35 PM, 12 June 2020

Question # 3 of 5 (Start time: 03:36:24 PM, 12 June 2020) Total Marks: 1

The number of distinct left (or right) cosets of a subgroup H of a group G is called -----.

Select the correct option

- ☐ order of H
- ☐ order of G
- ☒ index of H in G
- ☐ none of these

Click to Save Answer & Move to Next Question

Windows taskbar: 3:36 AM 12/06/2020

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BC190203843: SADAF NAZIR

MTH405: Quiz No:1

Time Left 83 sec(s)

Quiz Start Time: 03:35 PM, 12 June 2020

Question # 4 of 5 (Start time: 03:36:50 PM, 12 June 2020) Total Marks: 1

Let $H = \{1, -1, i, -i\}$ and $1 \in G$. Then the right coset $H.1$ is -----.

Select the correct option

- ☐ $\{i, -i\}$
- ☒ $\{1, -1, i, -i\}$
- ☐ $\{1, -1\}$
- ☐ $\{-1, i, -i\}$

Reload Math Equations

Click to Save Answer & Move to Next Question

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BC190203843: SADAF NAZIR

MTH405:Quiz No:1

Time Left 68 sec(s)

Quiz Start Time: 03:35 PM, 12 June 2020

Question # 5 of 5 (Start time: 03:37:17 PM, 12 June 2020)

Total Marks: 1

Let $H=\{1,-1\}$ and $i \in G$. Then the right coset $H.i$ is

Select the correct option

Reload Math Equations

☒	$\{i,-i\}$
☐	$\{1,-1,i,-i\}$
☐	$\{1,-1\}$
☐	$\{-1,i,-i\}$

Click to Save Answer & Move to Next Question



3:37 AM
12/06/2020