8:55 63%

vulms.vu.edu.pk/Quiz/Quiz

MC210204104: SADIA ASLAM

Time Left 78 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 08:52 PM, 15 February 2022

Question # 6 of 10 (Start time: 08:55:37 PM, 15 February 2022)

Total Marks: 1

Let $X = \{a, b, c\}$ and $\tau = \{\emptyset, \{a\}, \{a, b\}, X\}$ be a topology on X, then which of the following is NOT true ?

Download More Quizzes Files From

VUAnswer.com

Select the correct option

Reload Math Equations

- All of them
- (X, τ) be a first countable space
- (X, τ) be a Topological space
- (X, τ) be a second countable space

Click to Save Answer & Move to Next Question

7:01 6%

vulms.vu.edu.pk/Quiz/Q

MC210203377: MUQADDAS BIBI

Time Left 89 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 06:50 AM, 15 February 2022

Question # 10 of 10 (Start time: 07:00:57 AM, 15 February 2022) **Total Marks:** 1

Let $X = \{1, 2, 3, 4\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then which of the following is NOT true ?

Select the correct option

Reload Math Equations

- The local base of the element 4 is $\emptyset$.
- Every element of X has uncountable local base.
- (X, τ) be a first countable space.
- (X, τ) be a topological space.

Click to Save Answer & Move to Next Question

6:59 9%

vulms.vu.edu.pk/Quiz/Q

MC210203377: MUQADDAS BIBI

Time Left 90 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 06:50 AM, 15 February 2022

Question # 9 of 10 (Start time: 06:59:45 AM, 15 February 2022)

Total Marks: 1

If X has more than two points and $\left({X,\tau } \right)$ be an indiscrete topology then which of the following statement is true about $\left({X,\tau } \right)$?

Download More Quizzes Files From

VUAnswer.com

Select the correct option

- It is not metrizable.
- None of them.
- It is metrizable.
- It is Haussdorff.

Click to Save Answer & Move to Next Question

Virtual University of Pakistan | Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=74f19bea-c515-425c-ae43-8f690b3688ad

Apps | Gmail | Maps | Comprehensive ND... | Science MCQs (PDF... | The Christian calen... | 20,000 MCQs - Gen... | 2000+ MCQs with E... | Distinctive Names...

Question # 8 of 10 (Start time: 08:32:56 PM, 14 February 2022) **Total Marks:**

Which of the following statement is true?

Select the correct option

- All spaces are metrizable.
- All spaces are not metrizable.

Type here to search

17°C Haze ENG 7:33 AM 2/14/2022

Virtual University of Pakistan | Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=2e5d7919-00d3-4567-9018-b1e54f6eb1e5

Apps | Gmail | Maps | Comprehensive ND... | Science MCQs (PDF... | The Christian calen... | 20,000 MCQs - Gen... | 2000+ MCQs with E... | Distinctive Names... | Reading list

MC200402437: WALI AHMAD KHAN

Time Left 88 sec(s)

MTH634 – Topology (Quiz No. 3)

Quiz Start Time: 08:23 PM, 14 February 2022

Question # 5 of 10 (Start time: 08:29:35 PM, 14 February 2022) **Total Marks: 1**

Let $X = \{a, b, c\}$ and $\tau = \{\emptyset, \{a\}, \{b\}, \{a, b\}, X\}$ be a topology on X, if $B = \{\emptyset, \{a\}, \{b\}, X\}$ be the base of τ, then which of the following is true ?

Download More Quizzes Files From

VUAnswer.com

Select the correct option

Reload Math Equations

- All of them
- (X, τ) be a first countable space.
- (X, τ) be a second countable space.
- B be the countable base.

18°C Haze ENG 7:29 AM 2/14/2022

Virtual University of Pakistan | Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=728d89a6-3479-45e7-9e29-412ba9a09217

Apps | Gmail | Maps | Comprehensive ND... | Science MCQs (PDF... | The Christian calen... | 20,000 MCQs - Gen... | 2000+ MCQs with E... | Distinctive Names... | Reading list

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 08:23 PM, 14 February 2022

Question # 9 of 10 (Start time: 08:33:41 PM, 14 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{3\}, \{4\}, \{3, 4\}, X\}$ be a topology on X, then which of the following is true?

Select the correct option

Reload Math Equations

- The set $\{\emptyset, \{3\}, \{4\}\}$ is an open cover of the set $\{4\}$.
- The set $\{\emptyset, \{3\}, \{4\}\}$ is an open cover of the set $\{2\}$.
- The set $\{\emptyset, \{3\}\}$ is an open cover of the set $\{4\}$.
- None of them.

Click to Save Answer & Move to Next Question

Type here to search

17°C Haze | ENG | 7:33 AM 2/14/2022

11:00

Quiz
vulms.vu.edu.pk

Question # 3 of 10 (Start time: 11:00:23 AM, 15 February 2022)

If X has more than two points and $\left({X,\tau } \right)$ be an indiscrete topology then which of the following statement is tr
$\left({X,\tau } \right)$?

Download More Quizzes Files From

VUAnswer.com

Select the correct option

- It is metrizable.
- None of them.
- It is Haussdorff.
- It is not metrizable.

Click to Save Answer & Move to Ne

6:50 22%

vulms.vu.edu.pk/Quiz/Q

MC210203377: MUQADDAS BIBI

Time Left 90 sec(s)

MTH634 - Topology (Quiz No. 3)

Download More Quizzes Files From VUAnswer.com

Quiz Start Time: 06:50 AM, 15 February 2022

Question # 1 of 10 (Start time: 06:50:46 AM, 15 February 2022)

Total Marks: 1

Which of the following statement is false?

Select the correct option

Reload Math Equations

- Discrete topology on a countable set X is second countable.
- Any finite set with any topology is second countable.
- Discrete topology on a real line R is second countable.
- The set R with usual topology is second countable.

Click to Save Answer & Move to Next Question

Loading [MathJax]/jax/output/HTML-CSS/jax.js

6:54 20%

vulms.vu.edu.pk/Quiz/Q

MC210203377: MUQADDAS BIBI

Time Left 88 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 06:50 AM, 15 February 2022

Question # 5 of 10 (Start time: 06:54:20 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then the local base (B_x) of the point $x = 3, 4, 5$ is_____

Select the correct option

Reload Math Equations

- $\{\{2\}, \{1, 2\}, X\}$.
- $\{\{1\}, \{2\}, X\}$.
- None of them.
- $\{X\}$.

Download More Quizzes Files From

VUAnswer.com

Click to Save Answer & Move to Next Question

11:00

Quiz
vulms.vu.edu.pk

Question # 3 of 10 (Start time: 11:00:23 AM, 15 February 2022)

If X has more than two points and $\left({X,\tau } \right)$ be an indiscrete topology then which of the following statement is tr
$\left({X,\tau } \right)$?

Select the correct option

- It is metrizable.
- None of them.
- It is Haussdorff.
- It is not metrizable.

Click to Save Answer & Move to Ne

11:05

Quiz
vulms.vu.edu.pk

MC180200551: MUKASHFA GHAFAR

Time Left 88 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:59 AM, 15 February 2022

Question # 9 of 10 (Start time: 11:05:07 AM, 15 February 2022)

Total Marks: 1

Let (X, τ) be a metrizable then which of the following statement is true

Select the correct option

Reload Math Equations

- (X, τ) is separable.
- (X, τ) has the countable chain collection
- All of them
- (X, τ) is second countable.

Click to Save Answer & Move to Next Question

11:02

Quiz
vulms.vu.edu.pk

MC210200552: MUKASHFA GHAFAR

Time Left 47 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:59 AM, 15 February 2022

Question # 5 of 10 (Start time: 11:01:37 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X. then the local base (B_x) of the point $x = 2$ is_____

Select the correct option

Reload Math Equations

- $\{\{2\}, \{1, 2\}, X\}$.
- $\{\{1\}, \{1, 2\}, \{2\}, X\}$.
- None of them.
- $\{\{1\}, \{2\}, X\}$.

Click to Save Answer & Move to Next Question

10:35 ··· 85

Quiz
vulms.vu.edu.pk

Question # 7 of 10 (Start time: 10:35:00 AM, 15 February 2022)

If $\left({X,\tau } \right)$ be a separable topology then it must have countable dense set.

Download More Quizzes Files From

VUAnswer.com

Select the correct option

- True
- False

Click to Save Answe

10:37 ··· 4G 85

Quiz
vulms.vu.edu.pk

MTH634 - Topology (Quiz No. 3) Quiz Start Time: 10:30 AM, 15 Feb

Question # 10 of 10 (Start time: 10:37:07 AM, 15 February 2022) To

Metric topology induced by $d(x, y) = |x - y|$ on $\mathbb{R}$ is called_____

Select the correct option

Reload Math E

- None of them
- indiscrete topology
- usual topology
- discrete topology

Click to Save Answer & Move to Next Q

Question # 3 of 10 (Start time: 11:00:23 AM, 15 February 2022)

If X has more than two points and $\left({X,\tau } \right)$ be an indiscrete topology then which of the following statement is tr
$\left({X,\tau } \right)$?

Select the correct option

- It is metrizable.
- None of them.
- It is Haussdorff.
- It is not metrizable.

Click to Save Answer & Move to Ne

Download More Quizzes Files From
VUAnswer.com

10:32 ··· 86

Quiz
vulms.vu.edu.pk

Question # 3 of 10 (Start time: 10:32:16 AM, 15 February 2022)

Every metric space is first countable.

Download More Quizzes Files From

VUAnswer.com

Select the correct option

- True
- False

Click to Save Answer &

10:34 ··· 85

Quiz
vulms.vu.edu.pk

MTH634 - Topology (Quiz No. 3) Quiz Start Time: 10:30 AM

Question # 6 of 10 (Start time: 10:34:20 AM, 15 February 2022)

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{3\}, \{4\}, \{3, 4\}, X\}$ be a topology on X, then which of the following is true?

Select the correct option

Reload

- All of them.
- The set $\{\emptyset, \{3\}, \{4\}, X\}$ is an open cover of the set $\{4\}$.
- The set $\{\emptyset, \{3\}, \{4\}\}$ is an open cover of the set $\{4\}$.
- The set $\{\emptyset, \{4\}\}$ is an open cover of the set $\{4\}$.

Download More Quizzes Files From

VUAnswer.com

Click to Save Answer & Move

10:35 ··· 85

Quiz
vulms.vu.edu.pk

MTH634 - Topology (Quiz No. 3) Quiz Start Time: 10:30 AM, 15 Febru

Question # 8 of 10 (Start time: 10:35:40 AM, 15 February 2022) Tota

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then the local base $\{ B_x \}$ of the point $x = 2$ is_____

Select the correct option

Reload Math Equ

- None of them.
- $\{\{1\}, \{2\}, X\}$.
- $\{\{2\}, \{1, 2\}, X\}$.
- $\{\{1\}, \{1, 2\}, \{2\}, X\}$.

Click to Save Answer & Move to Next Que

Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=00eb6d2f-b2be-425d-a03e-25f5a0aa21b2

MC210200573: SAIMA

MTH634 - Topology (Quiz No. 3)

Question # 9 of 10 (Start time: 10:25:54 AM, 15 February 2022)

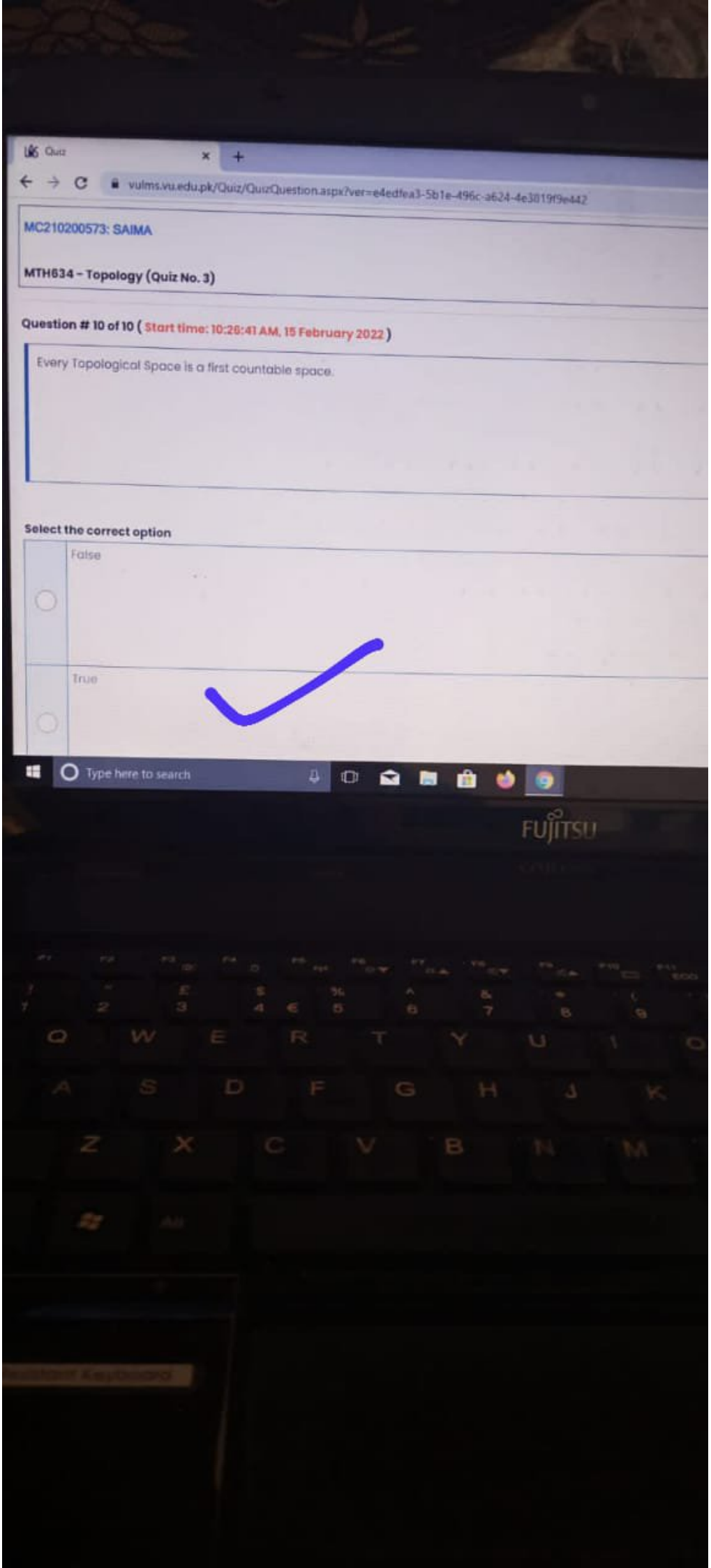
Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{3\}, \{4\}, \{3, 4\}, X\}$ be a topology on X, then which of the following is true?

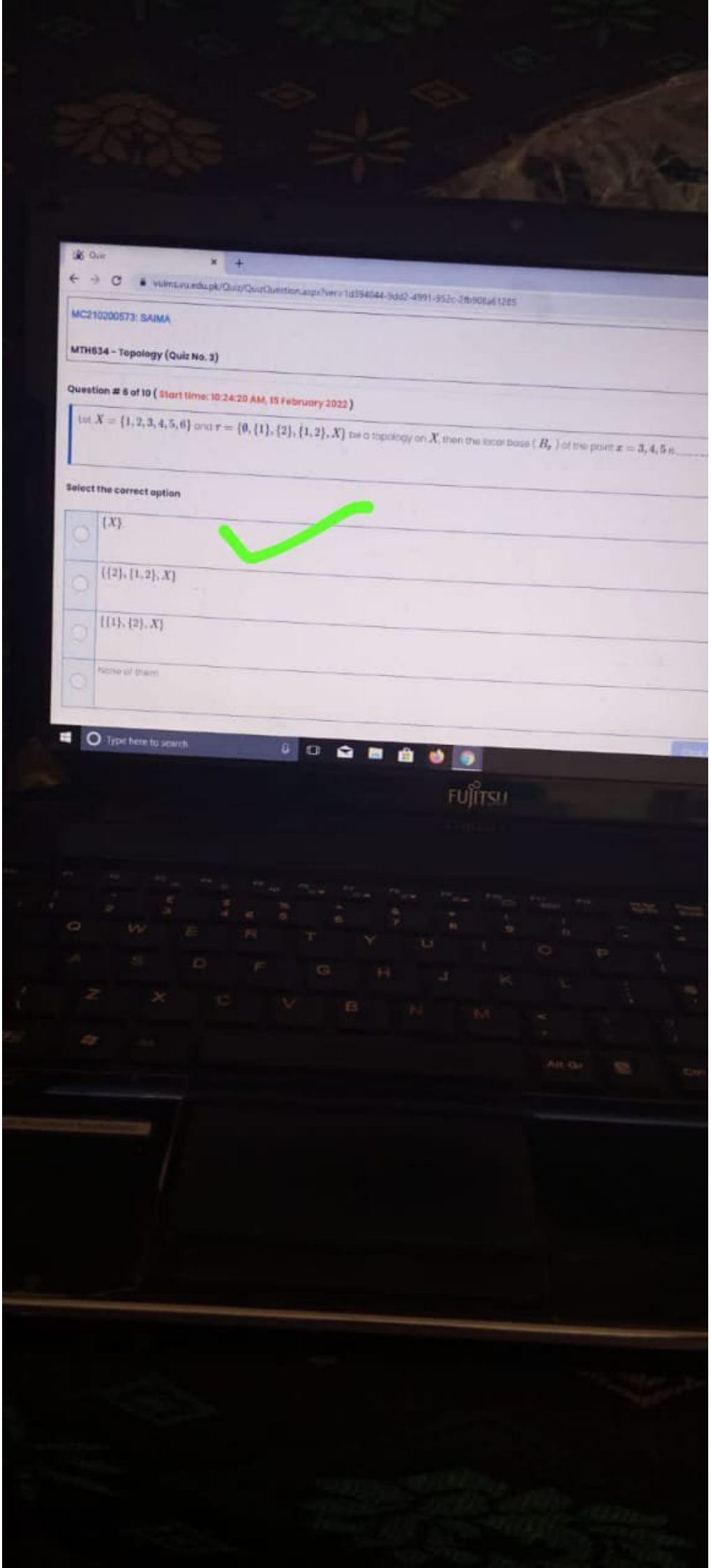
Select the correct option

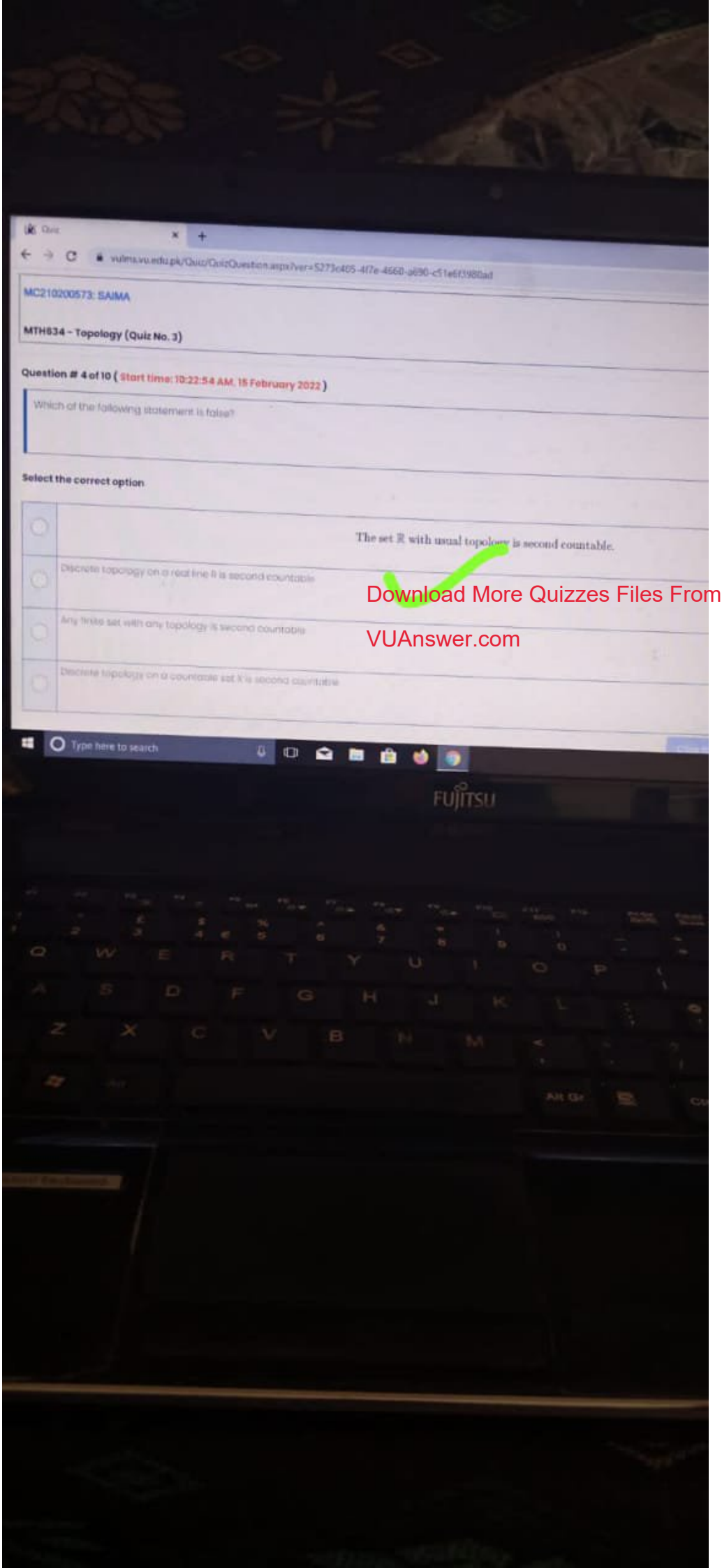
- The set $\{\emptyset, \{3\}\}$ is an open cover of the set $\{4\}$
- The set $\{\emptyset, \{3\}, \{4\}\}$ is an open cover of the set $\{2\}$
- The set $\{\emptyset, \{3\}, \{4\}\}$ is an open cover of the set $\{4\}$ ✓
- None of them

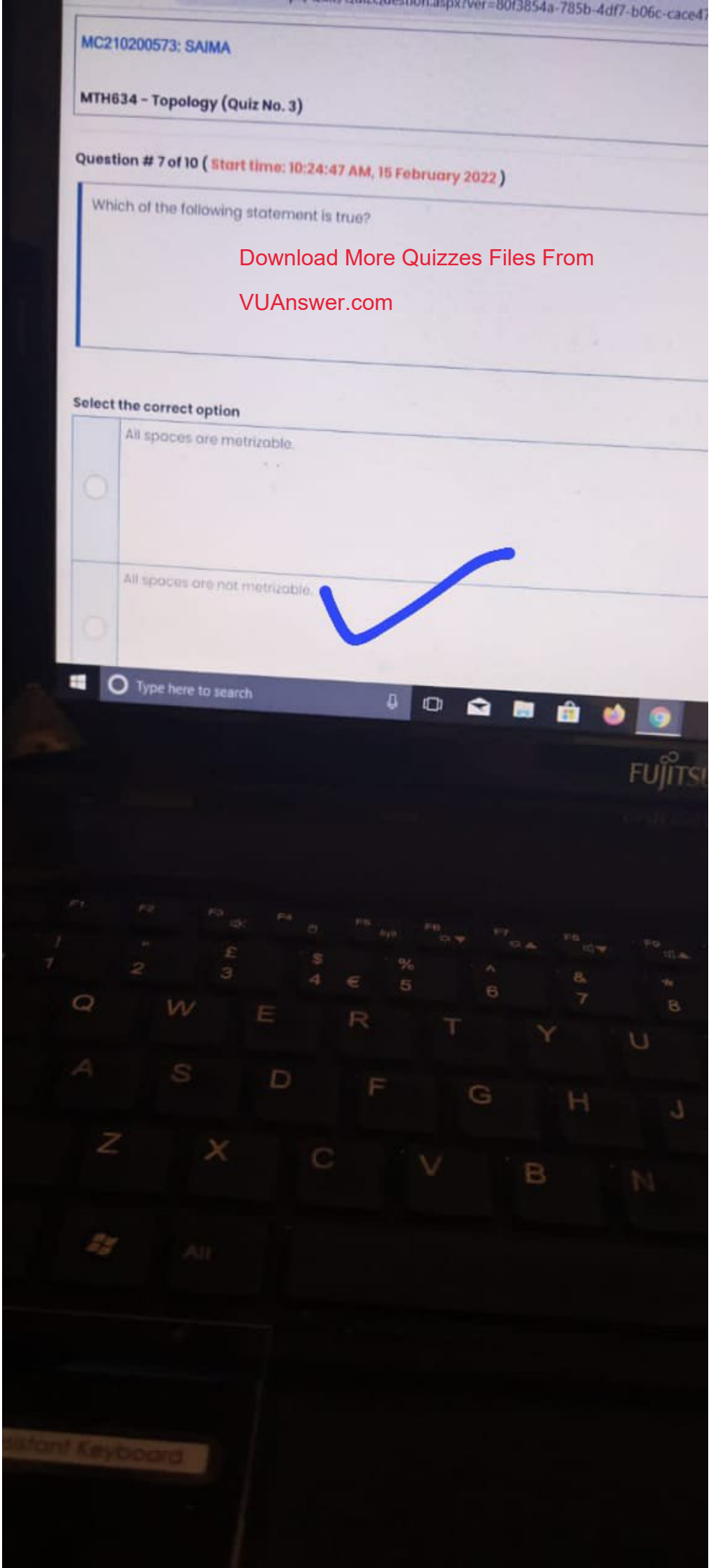
Type here to search

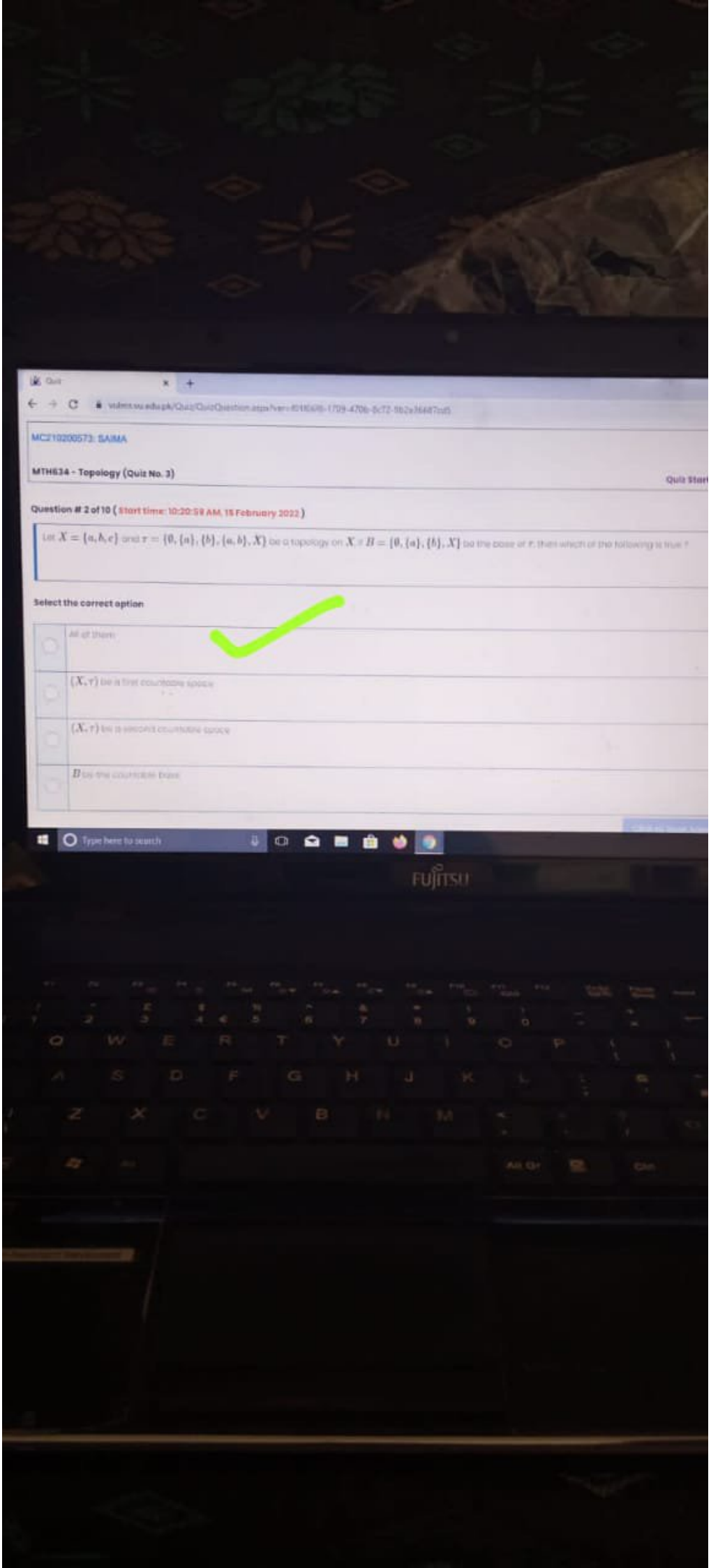
FUJITSU


Quiz
vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=e4edfea3-5b1e-496c-a624-4e3819f9e442
MC210200573: SAIMA
MTH634 - Topology (Quiz No. 3)
Question # 10 of 10 (Start time: 10:26:41 AM, 15 February 2022)
Every Topological Space is a first countable space.
Select the correct option
False
True
Type here to search
FUJITSU


MC210200573: SAIMA
MTH634 - Topology (Quiz No. 3)
Question # 6 of 10 (Start time: 10:24:20 AM, 15 February 2022)
Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then the local base $\{B_x\}$ of the point $x = 3, 4, 5$ is
Select the correct option
$\{X\}$
$\{\{2\}, \{1, 2\}, X\}$
$\{\{1\}, \{2\}, X\}$
None of them
Type here to search
FUJITSU


MC210200573: SAIMA
MTH634 - Topology (Quiz No. 3)
Question # 4 of 10 (Start time: 10:22:54 AM, 15 February 2022)
Which of the following statement is false?
Select the correct option
The set ℝ with usual topology is second countable.
Discrete topology on a real line ℝ is second countable
Any finite set with any topology is second countable
Discrete topology on a countable set X is second countable
Download More Quizzes Files From
VUAnswer.com
Type here to search
FUJITSU


MC210200573: SAIMA
MTH634 - Topology (Quiz No. 3)
Question # 7 of 10 (Start time: 10:24:47 AM, 15 February 2022)
Which of the following statement is true?
Download More Quizzes Files From
VUAnswer.com
Select the correct option
All spaces are metrizable.
All spaces are not metrizable.
Type here to search



MC210200573: SAIMA

MTH634 - Topology (Quiz No. 3)

Question # 2 of 10 (Start time: 10:20:59 AM, 15 February 2022)

Let $X = \{a, b, c\}$ and $\tau = \{\emptyset, \{a\}, \{b\}, \{a, b\}, X\}$ be a topology on X. If $B = \{\emptyset, \{a\}, \{b\}, X\}$ be the base of τ, then which of the following is true ?

Select the correct option

- All of them
- (X, τ) be a first countable space
- (X, τ) be a second countable space
- B be the countable base

Type here to search

FUJITSU

10:12

ps://vulms.vu.edu.pk/C

29

BC180401082: MUHAMMAD AJMAL

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 8 of 10 (Start time: 10:12:25 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then which of the following is true ?

Select the correct option

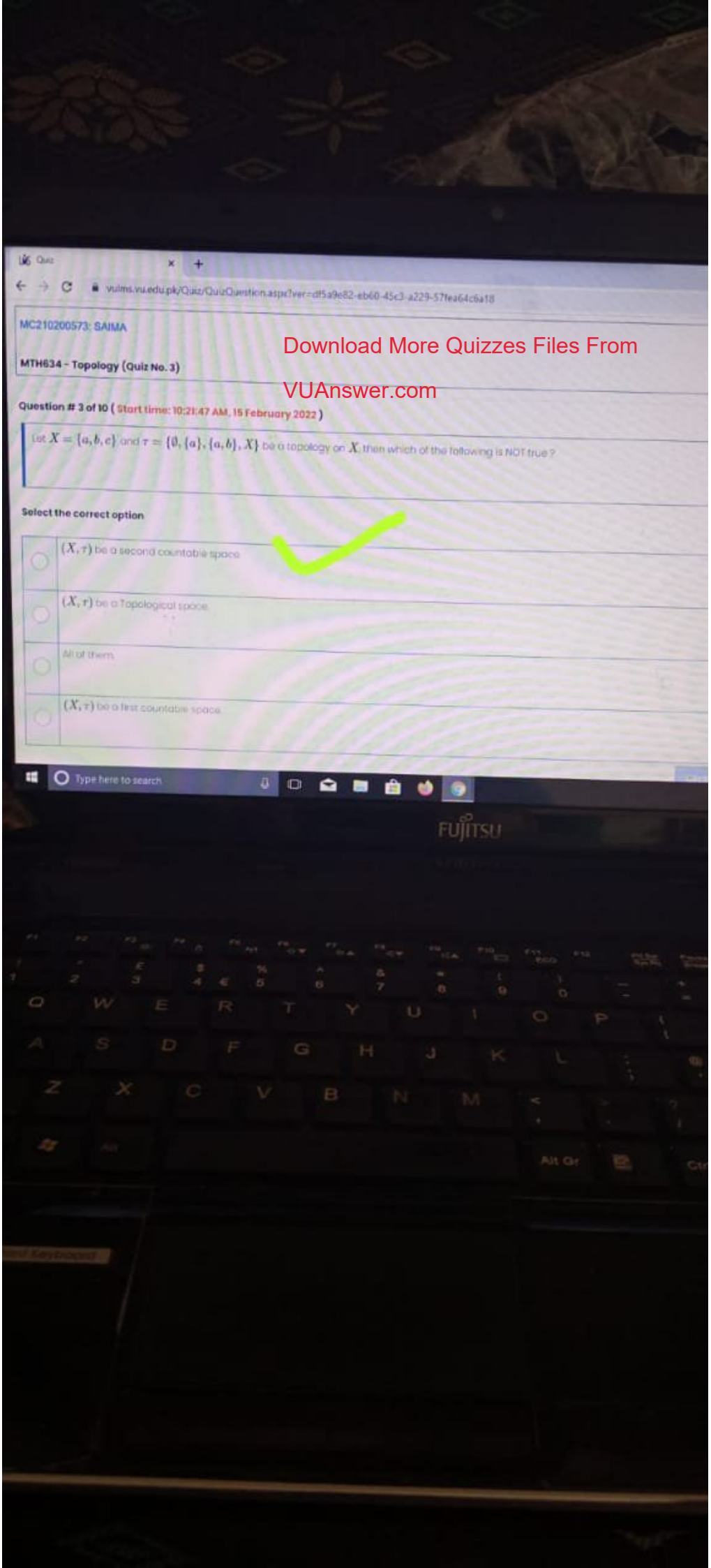
Reload Math Equations

- All of them.
- Every element of X has countable local base.
- (X, τ) be a first countable space.
- (X, τ) be a topological space.

Click to Save Answer & Move to Next Question

Back

Recent


Quiz
vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=df5a9e82-eb60-45c3-a229-57fea64c6a18
MC210200573: SAIMA
MTH634 - Topology (Quiz No. 3)
Download More Quizzes Files From
VUAnswer.com
Question # 3 of 10 (Start time: 10:21:47 AM, 15 February 2022)
Let $X = \{a, b, c\}$ and $\tau = \{\emptyset, \{a\}, \{a, b\}, X\}$ be a topology on X, then which of the following is NOT true ?
Select the correct option
(X, τ) be a second countable space
(X, τ) be a Topological space
All of them
(X, τ) be a first countable space
Type here to search
FUJITSU

WhatsApp 10:15 AM
2437 messages from 26 chats

BC180401082: MUHAMMAD AJMAL

Time Left 86 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 10 of 10 (Start time: 10:15:31 AM, 15 February 2022)

Total Marks: 1

Which of the following statement is false?

Select the correct option

Reload Math Equations

- Any finite set with any topology is second countable.
- Discrete topology on a real line R is second countable
- The set $\mathbb{R}$ with usual topology is second countable.
- Discrete topology on a countable set X is second countable.

Click to Save Answer & Move to Next Question

Back Recent

4G 10:06

ps://vulms.vu.edu.pk/C 29

BC180401082: MUHAMMAD AJMAL

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 3 of 10 (Start time: 10:06:17 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then which of the following is NOT true ?

Select the correct option

Reload Math Equations

- The local base of the element 4 is $\emptyset$.
- (X, τ) be a topological space.
- Every element of X has uncountable local base.
- (X, τ) be a first countable space.

Click to Save Answer & Move to Next Question

Back Recent

4G 10:13

ps://vulms.vu.edu.pk/C 29

BC180401082: MUHAMMAD AJMAL

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 9 of 10 (Start time: 10:13:36 AM, 15 February 2022) **Total Marks:** 1

Let $X = \{a, b, c\}$ and $\tau = \{\emptyset, \{a\}, \{b\}, \{a, b\}, X\}$ be a topology on X, if $B = \{\emptyset, \{a\}, \{b\}, X\}$ be the base of τ, then which of the following is true ?

Select the correct option

Reload Math Equations

- (X, τ) be a first countable space.
- All of them
- (X, τ) be a second countable space.
- B be the countable base.

Click to Save Answer & Move to Next Question

Back Recent

4G 10:08

ps://vulms.vu.edu.pk/C 29

BC180401082: MUHAMMAD AJMAL

Download More Quizzes Files From
VUAnswer.com

Time Left 86 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 5 of 10 (Start time: 10:08:11 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then the local base (B_x) of the point $x = 2$ is_____

Select the correct option

Reload Math Equations

- None of them.
- $\{\{2\}, \{1, 2\}, X\}$.
- $\{\{1\}, \{1, 2\}, \{2\}, X\}$.
- $\{\{1\}, \{2\}, X\}$.

Click to Save Answer & Move to Next Question

Back Recent

10:04

vulms.vu.edu.pk/Quiz/Q

2

MC200200090: MAHNOOR REHMAN

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 09:56 AM, 15 February 2022

Question # 10 of 10 (Start time: 10:04:21 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then which of the following is NOT true ?

Select the correct option

Reload Math Equations

- every element of X has uncountable local base
- (X, τ) be a first countable space
- (X, τ) be a topological space
- The local base of the element 4 is $\emptyset$

Click to Save Answer & Move to Next Question

≡ ▢ ◁

WhatsApp 10:09 AM
2437 messages from 26 chats

BC180401082: MUHAMMAD AJMAL

Time Left 88 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 6 of 10 (Start time: 10:09:12 AM, 15 February 2022)

Total Marks: 1

Which of the following statement is true?

Select the correct option

- All spaces are metrizable.
- All spaces are not metrizable. ✓

Click to Save Answer & Move to Next Question

Back Recent

10:07

ps://vulms.vu.edu.pk/C

29

BC180401082: MUHAMMAD AJMAL

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 4 of 10 (Start time: 10:07:13 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then the local base (B_x) of the point $x = 1$ is_____

Select the correct option

Reload Math Equations

- $\{\{1\}, \{2\}, X\}$.
- $\{\{1\}, \{2\}, \{1, 2\}, X\}$.
- None of them
- $\{\{1\}, \{1, 2\}, X\}$.

Click to Save Answer & Move to Next Question

Back

Recent

10:03

vulms.vu.edu.pk/Quiz/Q

MC200200090: MAHNOOR REHMAN

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 09:56 AM, 15 February 2022

Question # 9 of 10 (Start time: 10:03:48 AM, 15 February 2022)

Total Marks: 1

Every Topological Space is a first countable space.

Download More Quizzes Files From

VUAnswer.com

Select the correct option

- True
- False

Click to Save Answer & Move to Next Question

10:03

vulms.vu.edu.pk/Quiz/Q

MC200200090: MAHNOOR REHMAN

Time Left 85 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 09:56 AM, 15 February 2022

Question # 8 of 10 (Start time: 10:03:00 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X. then which of the following is true ?

Select the correct option

Reload Math Equations

- every element of X has countable local base.
- (X, τ) be a topological space.
- (X, τ) be a first countable space.
- All of them.

Click to Save Answer & Move to Next Question

10:05

ps://vulms.vu.edu.pk/C

29

BC180401082: MUHAMMAD AJMAL

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 2 of 10 (Start time: 10:05:19 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then the local base (B_x) of the point $x = 3, 4, 5$ is_____

Select the correct option

Reload Math Equations

- None of them.
- $\{\{2\}, \{1, 2\}, X\}$.
- $\{\{1\}, \{2\}, X\}$.
- $\{X\}$.

Click to Save Answer & Move to Next Question

Back

Recent

10:01

vulms.vu.edu.pk/Quiz/Q

MC200200090: MAHNOOR REHMAN

Time Left 86 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 09:56 AM, 15 February 2022

Question # 6 of 10 (Start time: 10:01:31 AM, 15 February 2022)

Total Marks: 1

If $\left(X,\tau \ \right)$ be a separable topology then it must have countable dense set.

Download More Quizzes Files From

VUAnswer.com

Select the correct option

True

False

Click to Save Answer & Move to Next Question

10:02

vulms.vu.edu.pk/Quiz/Q

MC200200090: MAHNOOR REHMAN

Time Left 88 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 09:56 AM, 15 February 2022

Question # 7 of 10 (Start time: 10:02:18 AM, 15 February 2022)

Total Marks: 1

Metric topology induced by $d(x, y) = |x - y|$ on R is called_____

Select the correct option

Reload Math Equations

- discrete topology
- indiscrete topology
- None of them
- usual topology

Click to Save Answer & Move to Next Question

4G 10:04

ps://vulms.vu.edu.pk/C 29

BC180401082: MUHAMMAD AJMAL

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 1 of 10 (Start time: 10:04:01 AM, 15 February 2022)

Total Marks: 1

Let (X, τ) be a metrizable then which of the following statement is true

Download More Quizzes Files From

VUAnswer.com

Select the correct option

Reload Math Equations

- (X, τ) is second countable.
- (X, τ) is separable.
- All of them
- (X, τ) has the countable chain collection

Click to Save Answer & Move to Next Question

Back Recent

10:00

vulms.vu.edu.pk/Quiz/Q

MC200200090: MAHNOOR REHMAN

Time Left 86 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 09:56 AM, 15 February 2022

Question # 5 of 10 (Start time: 10:00:42 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{3\}, \{4\}, \{3, 4\}, X\}$ be a topology on X, then which of the following is true?

Select the correct option

Reload Math Equations

- The set $\{\emptyset, \{3\}, \{4\}, X\}$ is an open cover of the set $\{4\}$.
- The set $\{\emptyset, \{4\}\}$ is an open cover of the set $\{4\}$.
- All of them.
- The set $\{\emptyset, \{3\}, \{4\}\}$ is an open cover of the set $\{4\}$.

Click to Save Answer & Move to Next Question

10:00

vulms.vu.edu.pk/Quiz/Q

MC200200090: MAHNOOR REHMAN

Time Left 81 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 09:56 AM, 15 February 2022

Question # 4 of 10 (Start time: 09:59:56 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then the local base (B_τ) of the point $x = 1$ is_____

Download More Quizzes Files From

VUAnswer.com

Select the correct option

Reload Math Equations

- $\{\{1\}, \{2\}, X\}$
- $\{\{1\}, \{1, 2\}, X\}$
- $\{\{1\}, \{2\}, \{1, 2\}, X\}$
- None of them

Click to Save Answer & Move to Next Question

9:59

vulms.vu.edu.pk/Quiz/Q

MC200200090: MAHNOOR REHMAN

Time Left 84 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 09:56 AM, 15 February 2022

Question # 3 of 10 (Start time: 09:58:58 AM, 15 February 2022)

Total Marks: 1

Which of the following statement is false?

Select the correct option

Reload Math Equations

- Discrete topology on a real line R is second countable
- Any finite set with any topology is second countable.
- The set $\mathbb{R}$ with usual topology is second countable.
- Discrete topology on a countable set X is second countable.

Click to Save Answer & Move to Next Question

9:56

vulms.vu.edu.pk/Quiz/Q

MC200200090: MAHNOOR REHMAN

Time Left 86 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 09:56 AM, 15 February 2022

Question # 1 of 10 (Start time: 09:56:15 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then the local base (B_τ) of the point $x = 2$ is_____

Download More Quizzes Files From

VUAnswer.com

Select the correct option

Reload Math Equations

- None of them.
- $\{\{1\}, \{2\}, X\}$.
- $\{\{2\}, \{1, 2\}, X\}$.
- $\{\{1\}, \{1, 2\}, \{2\}, X\}$.

Click to Save Answer & Move to Next Question

9:58

vulms.vu.edu.pk/Quiz/Q

MC200200090: MAHNOOR REHMAN

Time Left 83 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 09:56 AM, 15 February 2022

Question # 2 of 10 (Start time: 09:58:14 AM, 15 February 2022)

Total Marks: 1

Metric topology induced by $d(x,y) = \begin{cases} 0 & if \quad x = y \\ 1 & if \quad x \neq y \end{cases}$ is called_____

Select the correct option

Reload Math Equations

- indiscrete topology
- None of them
- discrete topology
- usual topology

Click to Save Answer & Move to Next Question

11:03

Quiz
vulms.vu.edu.pk

MC210200552: MUKASHFA GHAFAR

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:59 AM, 15 February 2022

Question # 7 of 10 (Start time: 11:03:45 AM, 15 February 2022)

Total Marks: 1

Let $X = \{a, b, c\}$ and $\tau = \{\emptyset, \{a\}, \{b\}, \{a, b\}, X\}$ be a topology on X. if $B = \{\emptyset, \{a\}, \{b\}, X\}$ be the base of τ, then which of the following is true ?

Select the correct option

Reload Math Equations

- B be the countable base.
- (X, τ) be a first countable space.
- (X, τ) be a second countable space.
- All of them

Click to Save Answer & Move to Next Question

11:03

Quiz
vulms.vu.edu.pk

Question # 6 of 10 (Start time: 11:03:04 AM, 15 February 2022) To

Metric topology induced by $d(x,y) = \begin{cases} 0 & if \quad x = y \\ 1 & if \quad x \neq y \end{cases}$ is called_____

Select the correct option

Reload Math E

- None of them
- usual topology
- indiscrete topology
- discrete topology

Click to Save Answer & Move to Next Q

11:04

Quiz
vulms.vu.edu.pk

MC130100551: MUKASHFA GHAFAR

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:59 AM, 15 February 2022

Question # 8 of 10 (Start time: 11:04:29 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{3\}, \{4\}, \{3, 4\}, X\}$ be a topology on X. then which of the following is true?

Select the correct option

Reload Math Equations

- All of them
- The set $\{\emptyset, \{3\}, \{4\}\}$ is an open cover of the set $\{4\}$
- The set $\{\emptyset, \{3\}, \{4\}, X\}$ is an open cover of the set $\{4\}$
- The set $\{\emptyset, \{4\}\}$ is an open cover of the set $\{4\}$.

Click to Save Answer & Move to Next Question

11:05

Quiz
vulms.vu.edu.pk

MC180200551: MUKASHFA GHAFAR

Time Left 88 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:59 AM, 15 February 2022

Question # 9 of 10 (Start time: 11:05:07 AM, 15 February 2022)

Total Marks: 1

Let (X, τ) be a metrizable then which of the following statement is true

Select the correct option

Reload Math Equations

- (X, τ) is separable.
- (X, τ) has the countable chain collection
- All of them
- (X, τ) is second countable.

Click to Save Answer & Move to Next Question

Virtual University of Pakistan | Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=2e5d7919-00d3-4567-9018-b1e54f6eb1e5

Apps | Gmail | Maps | Comprehensive ND... | Science MCQs (PDF... | The Christian calen... | 20,000 MCQs - Gen... | 2000+ MCQs with E... | Distinctive Names... | Reading list

MC200402437: WALI AHMAD KHAN

Time Left 88 sec(s)

MTH634 – Topology (Quiz No. 3)

Quiz Start Time: 08:23 PM, 14 February 2022

Question # 5 of 10 (Start time: 08:29:35 PM, 14 February 2022) **Total Marks: 1**

Let $X = \{a, b, c\}$ and $\tau = \{\emptyset, \{a\}, \{b\}, \{a, b\}, X\}$ be a topology on X, if $B = \{\emptyset, \{a\}, \{b\}, X\}$ be the base of τ, then which of the following is true ?

Download More Quizzes Files From

VUAnswer.com

Select the correct option

Reload Math Equations

- All of them
- (X, τ) be a first countable space.
- (X, τ) be a second countable space.
- B be the countable base.

18°C Haze ENG 7:29 AM 2/14/2022

11:00

Quiz
vulms.vu.edu.pk

Question # 3 of 10 (Start time: 11:00:23 AM, 15 February 2022)

If X has more than two points and $\left({X,\tau } \right)$ be an indiscrete topology then which of the following statement is tr
$\left({X,\tau } \right)$?

Select the correct option

- It is metrizable.
- None of them.
- It is Haussdorff.
- It is not metrizable.

Click to Save Answer & Move to Ne

10:35 ··· 85

Quiz
vulms.vu.edu.pk

MTH634 - Topology (Quiz No. 3) Quiz Start Time: 10:30 AM, 15 Febru

Question # 8 of 10 (Start time: 10:35:40 AM, 15 February 2022) Tota

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then the local base $\{ B_x \}$ of the point $x = 2$ is_____

Select the correct option

Reload Math Equ

- None of them.
- $\{\{1\}, \{2\}, X\}$.
- $\{\{2\}, \{1, 2\}, X\}$.
- $\{\{1\}, \{1, 2\}, \{2\}, X\}$.

Click to Save Answer & Move to Next Que

11:00

Quiz
vulms.vu.edu.pk

Question # 3 of 10 (Start time: 11:00:23 AM, 15 February 2022)

If X has more than two points and $\left({X,\tau } \right)$ be an indiscrete topology then which of the following statement is tr
$\left({X,\tau } \right)$?

Select the correct option

- It is metrizable.
- None of them.
- It is Haussdorff.
- It is not metrizable.

Click to Save Answer & Move to Ne

10:32 ··· 86

Quiz
vulms.vu.edu.pk

Question # 3 of 10 (Start time: 10:32:16 AM, 15 February 2022)

Every metric space is first countable.

Select the correct option

- True
- False

Click to Save Answer &

Quiz

vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=00eb6d2f-b2be-425d-a03e-25f5a0aa21b2

MC210200573: SAIMA

MTH634 - Topology (Quiz No. 3)

Question # 9 of 10 (Start time: 10:25:54 AM, 15 February 2022)

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{3\}, \{4\}, \{3, 4\}, X\}$ be a topology on X, then which of the following is true?

Select the correct option

- The set $\{\emptyset, \{3\}\}$ is an open cover of the set $\{4\}$
- The set $\{\emptyset, \{3\}, \{4\}\}$ is an open cover of the set $\{2\}$
- The set $\{\emptyset, \{3\}, \{4\}\}$ is an open cover of the set $\{4\}$ ✓
- None of them

Type here to search

FUJITSU

10:37 ··· 4G 85

Quiz
vulms.vu.edu.pk

MTH634 - Topology (Quiz No. 3) Quiz Start Time: 10:30 AM, 15 Feb

Question # 10 of 10 (Start time: 10:37:07 AM, 15 February 2022) To

Metric topology induced by $d(x, y) = |x - y|$ on $\mathbb{R}$ is called_____

Select the correct option

Reload Math E

- None of them
- indiscrete topology
- usual topology
- discrete topology

Click to Save Answer & Move to Next Q

WhatsApp 10:15 AM
2437 messages from 26 chats

BC180401082: MUHAMMAD AJMAL

Time Left 86 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 10 of 10 (Start time: 10:15:31 AM, 15 February 2022)

Total Marks: 1

Which of the following statement is false?

Download More Quizzes Files From
VUAnswer.com

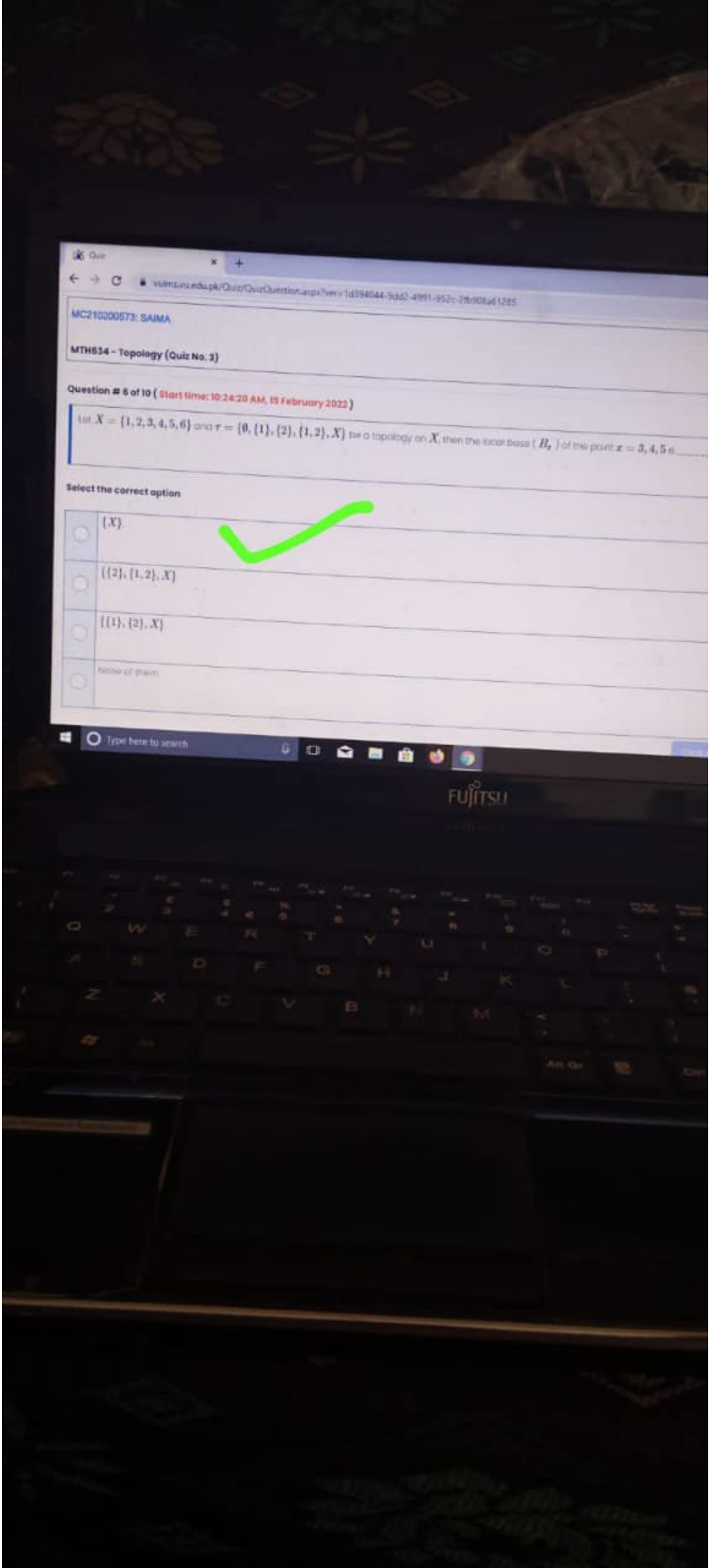
Select the correct option

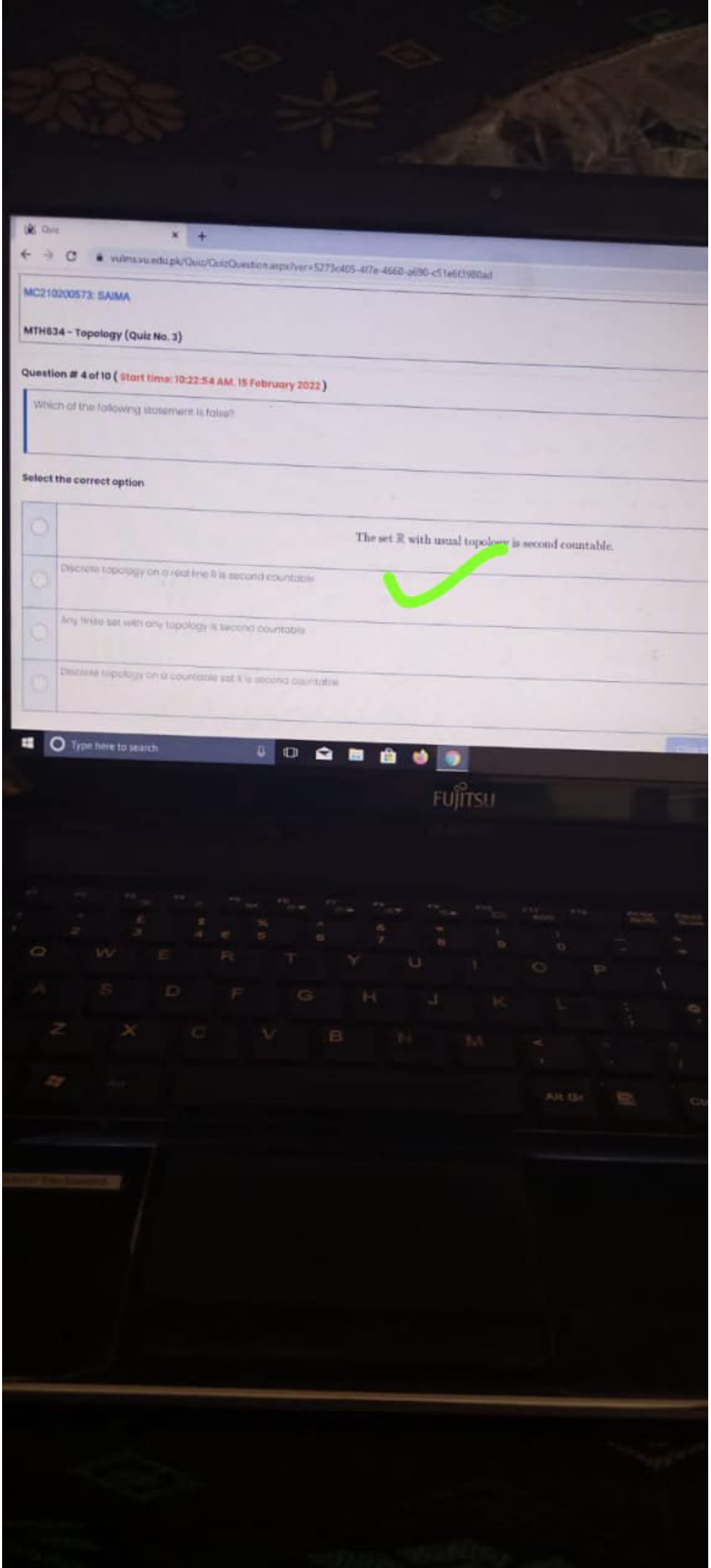
Reload Math Equations

- Any finite set with any topology is second countable.
- Discrete topology on a real line R is second countable
- The set $\mathbb{R}$ with usual topology is second countable.
- Discrete topology on a countable set X is second countable.

Click to Save Answer & Move to Next Question

Back Recent


MC210200573: SAIMA
MTH634 - Topology (Quiz No. 3)
Question # 6 of 10 (Start time: 10:24:20 AM, 15 February 2022)
Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then the local base $\{B_x\}$ of the point $x = 3, 4, 5$ is
Select the correct option
$\{X\}$
$\{\{2\}, \{1, 2\}, X\}$
$\{\{1\}, \{2\}, X\}$
None of them
Type here to search
FUJITSU


Quiz
vulms.vu.edu.pk/Quiz/QuizQuestion.aspx?ver=5273c405-4f7e-4660-a690-c51e6f1980ad
MC210200573: SAIMA
MTH634 - Topology (Quiz No. 3)
Question # 4 of 10 (Start time: 10:22:54 AM, 15 February 2022)
Which of the following statement is false?
Select the correct option
The set ℝ with usual topology is second countable.
Discrete topology on a real line ℝ is second countable
Any finite set with any topology is second countable
Discrete topology on a countable set X is second countable
Type here to search
FUJITSU

4G 10:13

ps://vulms.vu.edu.pk/C 29

BC180401082: MUHAMMAD AJMAL

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 9 of 10 (Start time: 10:13:36 AM, 15 February 2022) **Total Marks:** 1

Let $X = \{a, b, c\}$ and $\tau = \{\emptyset, \{a\}, \{b\}, \{a, b\}, X\}$ be a topology on X, if $B = \{\emptyset, \{a\}, \{b\}, X\}$ be the base of τ, then which of the following is true ?

Select the correct option

Reload Math Equations

- (X, τ) be a first countable space.
- All of them
- (X, τ) be a second countable space.
- B be the countable base.

Click to Save Answer & Move to Next Question

Back Recent

10:12

ps://vulms.vu.edu.pk/C

29

BC180401082: MUHAMMAD AJMAL

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 8 of 10 (Start time: 10:12:25 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then which of the following is true ?

Select the correct option

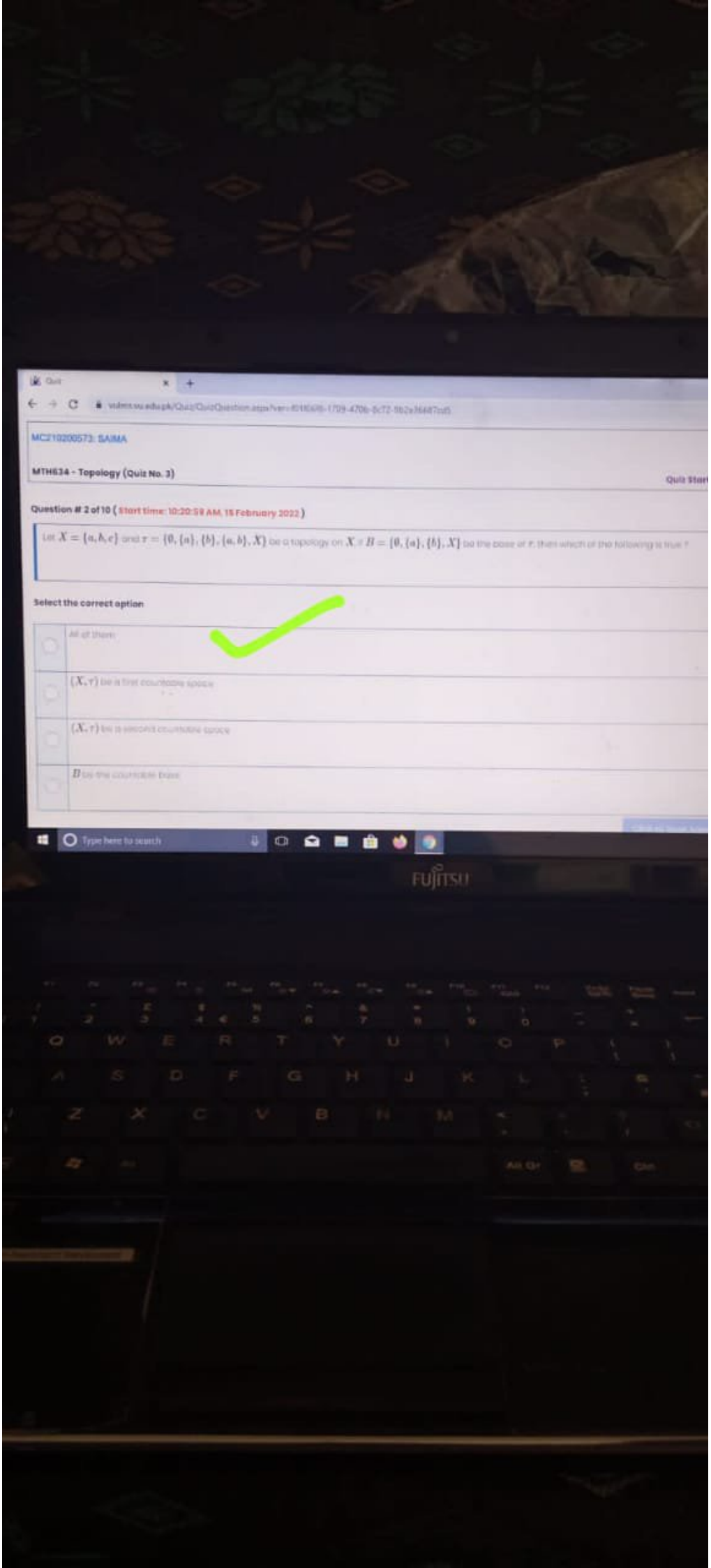
Reload Math Equations

- All of them.
- Every element of X has countable local base.
- (X, τ) be a first countable space.
- (X, τ) be a topological space.

Click to Save Answer & Move to Next Question

Back

Recent



MC210200573: SAIMA

MTH634 - Topology (Quiz No. 3)

Question # 2 of 10 (Start time: 10:20:59 AM, 15 February 2022)

Let $X = \{a, b, c\}$ and $\tau = \{\emptyset, \{a\}, \{b\}, \{a, b\}, X\}$ be a topology on X. If $B = \{\emptyset, \{a\}, \{b\}, X\}$ be the base of τ, then which of the following is true ?

Select the correct option

- All of them
- (X, τ) be a first countable space
- (X, τ) be a second countable space
- B be the countable base

Type here to search

FUJITSU

10:00

vulms.vu.edu.pk/Quiz/Q

MC200200090: MAHNOOR REHMAN

Time Left 81 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 09:56 AM, 15 February 2022

Question # 4 of 10 (Start time: 09:59:56 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then the local base (B_τ) of the point $x = 1$ is_____

Select the correct option

Reload Math Equations

- $\{\{1\}, \{2\}, X\}$
- $\{\{1\}, \{1, 2\}, X\}$
- $\{\{1\}, \{2\}, \{1, 2\}, X\}$
- None of them

Click to Save Answer & Move to Next Question

4G 10:06

ps://vulms.vu.edu.pk/C 29

BC180401082: MUHAMMAD AJMAL

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 3 of 10 (Start time: 10:06:17 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then which of the following is NOT true ?

Select the correct option

Reload Math Equations

- The local base of the element 4 is $\emptyset$.
- (X, τ) be a topological space.
- Every element of X has uncountable local base.
- (X, τ) be a first countable space.

Click to Save Answer & Move to Next Question

Back Recent

10:07

ps://vulms.vu.edu.pk/C

29

BC180401082: MUHAMMAD AJMAL

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:03 AM, 15 February 2022

Question # 4 of 10 (Start time: 10:07:13 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{1\}, \{2\}, \{1, 2\}, X\}$ be a topology on X, then the local base (B_x) of the point $x = 1$ is_____

Select the correct option

Reload Math Equations

- $\{\{1\}, \{2\}, X\}$.
- $\{\{1\}, \{2\}, \{1, 2\}, X\}$.
- None of them
- $\{\{1\}, \{1, 2\}, X\}$.

Click to Save Answer & Move to Next Question

Back

Recent

11:04

Quiz
vulms.vu.edu.pk

MC130100551: MUKASHFA GHAFAR

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:59 AM, 15 February 2022

Question # 8 of 10 (Start time: 11:04:29 AM, 15 February 2022)

Total Marks: 1

Let $X = \{1, 2, 3, 4, 5, 6\}$ and $\tau = \{\emptyset, \{3\}, \{4\}, \{3, 4\}, X\}$ be a topology on X. then which of the following is true?

Select the correct option

Reload Math Equations

- All of them
- The set $\{\emptyset, \{3\}, \{4\}\}$ is an open cover of the set $\{4\}$
- The set $\{\emptyset, \{3\}, \{4\}, X\}$ is an open cover of the set $\{4\}$
- The set $\{\emptyset, \{4\}\}$ is an open cover of the set $\{4\}$.

Click to Save Answer & Move to Next Question

11:03

Quiz
vulms.vu.edu.pk

MC210200552: MUKASHFA GHAFAR

Time Left 87 sec(s)

MTH634 - Topology (Quiz No. 3)

Quiz Start Time: 10:59 AM, 15 February 2022

Question # 7 of 10 (Start time: 11:03:45 AM, 15 February 2022)

Total Marks: 1

Let $X = \{a, b, c\}$ and $\tau = \{\emptyset, \{a\}, \{b\}, \{a, b\}, X\}$ be a topology on X. if $B = \{\emptyset, \{a\}, \{b\}, X\}$ be the base of τ, then which of the following is true ?

Select the correct option

Reload Math Equations

- B be the countable base.
- (X, τ) be a first countable space.
- (X, τ) be a second countable space.
- All of them

Click to Save Answer & Move to Next Question