

- 0
- **1**
- 2
- 3

Question No: 38 (Marks: 1) - Please choose one

Let A,B,C be the subsets of a universal set U.

$$(A \cup B) \cup C$$

Then is equal to:

- $A \cap (B \cup C)$
- $A \cup (B \cap C)$
- \emptyset
- **$A \cup (B \cup C)$ (Page 54)**

Question No: 39 (Marks: 1) - Please choose one

$n! > 2^n$ for all integers $n \geq 4$.

- True
- **False**

Question No: 40 (Marks: 1) - Please choose one

$+, -, \times, \div$

are

- Geometric expressions
- **Arithmetic expressions**
- Harmonic expressions

FINAL TERM EXAMINATION Fall 2009 MTH202- Discrete Mathematics

Question No: 1 (Marks: 1) - Please choose one

The negation of "Today is Friday" is

- ▶ Today is Saturday
- ▶ **Today is not Friday**
- ▶ Today is Thursday

Question No: 2 (Marks: 1) - Please choose one

In method of proof by contradiction, we suppose the statement to be proved is false.

- ▶ **True (Page 193)**
- ▶ False

Question No: 3 (Marks: 1) - Please choose one