



National University of

Technology (NUTECH)

(SAMPLE PAPER)

Program:

DAE Entrance Test

Duration: 2 Hrs

Roll no: _____

Name: _____

Total Questions :

100

Instructions for Candidates

- Encircle only one option. Selection of two options will cancel the question.
- Use Blue / Black ball point
- No cutting / erasing
- Extra sheets will be provided for Rough work

Section: English (30)

1) I am sorry the house is not available any longer. It _____ to a timber tycoon.

- (a). is sold
- (b). will be sold
- (c). has been sold

2) The students _____ to leave the building immediately.

- (a). will order
- (b). have been ordered
- (c). ordered

3) Mark _____ to Lahore is 1997.

- (a). is transferred
- (b). has been transferred
- (c). was transferred

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30)

- (a).
- (b).
- (c).

Section : Mathematics (30)

31) $a^3 - b^3 =$ _____

- (a). $(a+b)(a^2 - ab + b^2)$
- (b). $(a+b)(a^2 + ab + b^2)$
- (c). $(a-b)(a^2 + ab + b^2)$

32) H. C. F. of $10x^2y^2$ and $30x^3y^3$ is _____

- (a). $300x^5y^5$
- (b). $10x^2y^2$
- (c). $30x^3y^3$

33) Which of the following is a Radical equation?

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- (a) Basic Quantity
- (b) Derived Quantity
- (c) None of these

82) Which of the following is not a vector?

- (a). Distance
- (b). Displacement
- (c). Velocity

83) A body will stay in rest or state of motion if no net _____ is applied on it.

- (a). Force
- (b). Electric Charge
- (c). Mass

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100)

- (a).
- (b).
- (c).

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