Subject: Math

Number of Quiz: 10

Lecturer: hungpd2

Date: dd-mm-yyyy

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| QN=1 | What is the derivative of f(x) = x^2 + 3x + 5 ? |
| a. | 2x + 3 |
| b. | 2x - 3 |
| c. | x^2 + 3 |
| d. | 3x^2 + 5 |
| ANSWER: | A |
| MARK: | 0.5 |
| UNIT: | Chapter1 |
| MIX CHOICES: | Yes |

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| QN=2 | The value of √144 is: |
| a. | 10 |
| b. | 11 |
| c. | 12 |
| d. | 13 |
| ANSWER: | C |
| MARK: | 0.5 |
| UNIT: | Chapter1 |
| MIX CHOICES: | Yes |

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| QN=3 | If 2x + 5 = 15, then x = ? |
| a. | 3 |
| b. | 4 |
| c. | 5 |
| d. | 6 |
| ANSWER: | B |
| MARK: | 0.5 |
| UNIT: | Chapter2 |
| MIX CHOICES: | Yes |

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| QN=4 | The area of a circle with radius r = 7 is: |
| a. | 14π |
| b. | 28π |
| c. | 49π |
| d. | 77π |
| ANSWER: | C |
| MARK: | 0.5 |
| UNIT: | Chapter2 |
| MIX CHOICES: | Yes |

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| QN=5 | The integral of f(x) = 2x is: |
| a. | x^2 + C |
| b. | 2x^2 + C |
| c. | x^3 + C |
| d. | 2x + C |
| ANSWER: | A |
| MARK: | 0.5 |
| UNIT: | Chapter3 |
| MIX CHOICES: | Yes |

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| QN=6 | The solution of equation x^2 - 9 = 0 is: |
| a. | x = 9 |
| b. | x = ±3 |
| c. | x = -9 |
| d. | x = ±9 |
| ANSWER: | B |
| MARK: | 0.5 |
| UNIT: | Chapter3 |
| MIX CHOICES: | Yes |

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| QN=7 | Which of the following is a prime number? |
| a. | 21 |
| b. | 29 |
| c. | 35 |
| d. | 49 |
| ANSWER: | B |
| MARK: | 0.5 |
| UNIT: | Chapter4 |
| MIX CHOICES: | Yes |

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| QN=8 | The slope of the line y = 5x + 2 is: |
| a. | 2 |
| b. | 5 |
| c. | -5 |
| d. | 0 |
| ANSWER: | B |
| MARK: | 0.5 |
| UNIT: | Chapter4 |
| MIX CHOICES: | Yes |

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| QN=9 | What is the probability of getting a '6' when rolling a fair die? |
| a. | 1/2 |
| b. | 1/3 |
| c. | 1/6 |
| d. | 1/12 |
| ANSWER: | C |
| MARK: | 0.5 |
| UNIT: | Chapter5 |
| MIX CHOICES: | Yes |

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| QN=10 | The sum of the first 10 natural numbers is: |
| a. | 45 |
| b. | 50 |
| c. | 55 |
| d. | 60 |
| ANSWER: | C |
| MARK: | 0.5 |
| UNIT: | Chapter5 |
| MIX CHOICES: | Yes |