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| **PLEASE ANSWER ALL QUESTIONS.** | **Total 20 Marks** |

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| **QUESTION 1**  The graph of is given below:    Sketch the graphs of the following functions: | 4 marks |
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| **QUESTION 2**  Find the limit of the following: | 3 marks |
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| **QUESTION 3**  What are the conditions for a function to be continuous:   1. at 2. on a closed interval | 4 marks |
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| **QUESTION 4**  Compute the derivative of the following function: | 5 marks |
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| **QUESTION 5**  Proof that the derivative of a straight line is its’ slope. | 4 marks |
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| **\*\*END OF QUESTIONS\*\*** | |