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|  |  | COURSE CODE/  COURSE NAME | | PBM1035 INTENSIVE MATHEMATICS | |
| COURSEWORK  ASSESSMENT | | END OF CHAPTER 2 | |
| SESSION | | DECEMBER 2018 | |
| **JABATAN MATEMATIK, SAINS DAN KOMPUTER** | | DURATION | 60 MINS | CLO1 |  |
| NAME |  | CLO2 | 20 MARKS |
| REGISTRATION NO. |  | CLO3 |  |
| PROGRAMME/ SECTION | IPP1 | TOTAL MARKS | | 20 MARKS | |

Instructions

* Answer ALL questions. Write your answers in the spaces provided.
* Show your working to get marks. You may use a non-programmable scientific calculator.

**Question 1**

|  |  |
| --- | --- |
| CLO1, C2 | [2 marks] |
| Given a function , identify and | |

**Question 2**

|  |  |
| --- | --- |
| CLO1, C2 | [5 marks] |
| 1. Complete the following table for the function of a straight line for range .  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  |  |  | 0 | 1 | 2 | |  |  |  |  |  |  | | |

|  |  |
| --- | --- |
| CLO1, C3 | [4 marks] |
| 1. Plot the graph of straight line for range . | |

**Question 3**

|  |  |
| --- | --- |
| CLO1, C2 | [3 marks] |
| Given the straight line AB with the equation of .   1. Identify the y-intercept and x-intercept. | |
| CLO1, C3 | [4 marks] |

1. Given another equation . Draw the graph of both lines on the same graph paper.

|  |  |
| --- | --- |
| CLO1, C3 | [2 marks] |

1. Graphically, identify the intersection point of these two lines.