2019年度　統計学B　期末試験【解答用紙】

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| 専　　攻 |  | 学　　年 |  | 得　　点 | 点 |
| 学籍番号 |  | 氏　　名 |  |

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| (1) | (2) |
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| 専　　攻 | 解答 | 学　　年 |  | 得　　点 | 点 |
| 学籍番号 |  | 氏　　名 |  |

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| --- | --- |
| (1)    **A.** | (2)        **A.** |
| (3)  A screenshot of a cell phone  Description automatically generated   |  |  |  |  |  | | --- | --- | --- | --- | --- | | *x* |  |  |  |  | | 0 |  |  |  |  | | 1 |  |  |  |  | | 2 |  |  |  |  | | 3 |  |  |  |  | | 4 |  |  |  |  | | |

|  |  |
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| (1)        **A.** | (2)    **A.** |
| (3)  A screenshot of a cell phone  Description automatically generated　ポワソン分布表より   |  |  | | --- | --- | | *x* | *P*(*x*) | | 0 | 0.082 | | 1 | 0.205 | | 2 | 0.257 | | 3 | 0.214 | | 4 | 0.134 | | 5 | 0.067 | | 6 | 0.028 | | 7 | 0.010 | | 8 | 0.003 | | 9 | 0.001 | | |

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| (1)        **A. 4.7%** | (2)      **A. 1.3%** |
| (3)          **A. 566.1万円** | (4)        **A. 301.5万円** |

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| (1)   |  |  |  |  | | --- | --- | --- | --- | | id |  |  |  | | 1 | 84 | 1 | 1 | | 2 | 73 | -10 | 100 | | 3 | 94 | 11 | 121 | | 4 | 75 | -8 | 64 | | 5 | 70 | -13 | 169 | | 6 | 97 | 14 | 196 | | 7 | 77 | -6 | 36 | | 8 | 75 | -8 | 64 | | 9 | 97 | 14 | 196 | | 10 | 88 | 5 | 25 | | 合計 | 830 | 0 | 972 | | 平均 | 83 |  | 97.2 |   **A.** | (2)  　題意より*、*          **A. 下限：76.88　上限：89.12** |
| (3)  　自由度  *t*分布表より、            **A. 下限：75.56　上限：90.44** |