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| 令和元年度 第３学年１学期数学  期末テスト解答用紙 | | | | | | | | | 番 | | | | | 氏　名 | |  | | | |
| 知識・理解 | | | | 技能 | | | | | | | 数学的な考え方 | | | | | | 得点  /100 | | |
| **１** | ① | ② | | | | ③ | | | | | | ④ | | | ⑤ | | | | ⑥ |
| ⑦ | ⑧ | | | | ⑨ | | | | | | ⑩ | | | ⑪ | | | | ⑫ |
| **２** | (1) | | (2) | | | | | (3) | | | | | | (4) | | | | (5) | |
| **３** | (1) | | | | | | (2) | | | | | | | | (3) | | | | |
| (4) | | | | | | (5) | | | | | | | | (6) | | | | |
| **４** | (1) | | | | | | (2) | | | | | | | | (3) | | | | |
| (4) | | | | | | (5) | | | | | | | | (6) | | | | |
| (7) | | | | | |
| **５** | (1) | | | | | | (2) | | | | | | | | (3) | | | | |
| (4) | | | | | | (5) | | | | | | | | (6) | | | | |
| (7) | | | | | | (8) | | | | | | | |
| **６** |  | | | | | | | | | **７** | | | (1) | | | | | | |
| (2) | | | | | | |
| (3) | | | | | | |
| **８** | (1) | | | | (2) | | | | | | | | (3) | | | | | | |
| **９** | (1) | | | | (2) | | | | | | | | | | | | | | |
| **10** |  | | | | | | | | | | | | | | | | | | |
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| 知識・理解  ／３４ | | | | 技能  ／４４ | | | | | | | 数学的な考え方  ／２２ | | | | | | 得点  /100 | | |
| **１**  各2点 | ①　７ | ②素因数 | | | | ③素因数分解 | | | | | | ④３ａｂ | | | ⑤平方根 | | | | ⑥± |
| ⑦　０ | ⑧有理数 | | | | ⑨無理数 | | | | | | ⑩無限 | | | ⑪　17.32 | | | | ⑫　0.1414 |
| **２**  各2点 | (1)　π、 | | (2)　±７ | | | | | (3)　－８ | | | | | | (4) | | | | (5) | |
| **３** | (1)　８ａ２－１４ａｂ  各2点 | | | | | | (2)　－４ｘ＋３ | | | | | | | | (3)　ａｃ＋ａｄ－ｂｃ－ｂｄ | | | | |
| (4)　ｘ2＋２ｘ－１５ | | | | | | (5)　ｘ2＋１２ｘ＋３６ | | | | | | | | (6)　ａ２－１６ | | | | |
| **４** | (1)　２ａ（ｘ＋３ｙ）  各2点 | | | | | | (2)　(ｘ－１１)(ｘ＋１) | | | | | | | | (3)　(ｘ－６)2 | | | | |
| (4)　(ａ－５ｂ)(ａ＋５ｂ) | | | | | | (5)　(３ｘ＋２ｙ)２ | | | | | | | | (6)　－３(ｘ－２ｙ)２ | | | | |
| (7)　(２－ｙ)(ｘ＋１) | | | | | |
| **５**  各2点 | (1) | | | | | | (2)　２ | | | | | | | | (3)　１８ | | | | |
| (4)　＋３ | | | | | | (5) | | | | | | | | (6)　－１３ | | | | |
| (7)　 －２２－５ | | | | | | (8)　９－３ | | | | | | | |
| **６** | π(２８２－１８２)  2点  ＝π(２８＋１８)(２８－１８)  ＝π×４６×１０＝４６０π　４６０πｃｍ2 | | | | | | | | | **７**  各2点 | | | (1)　７ | | | | | | |
| (2)　４－６ | | | | | | |
| (3)　１，５，６ | | | | | | |
| **８** | (1)　６，７，８  ７２－６×８＝１  2点 | | | | (2)　１になる。  2点 | | | | | | | | (3)　3つの整数をｎ，ｎ＋１，ｎ＋２とすると  (ｎ＋１)２－ｎ(ｎ＋２)  ＝ｎ２＋２ｎ＋１－ｎ２－２ｎ＝１  ３点  よって１になる。 | | | | | | |
| **９** | (1)  各3点  ２個 | | | | (2)　ｎ＝１のとき２個、ｎ＝２のとき４個、ｎ＝３のとき６個  　よって　　２ｎ個 | | | | | | | | | | | | | | |
| **10** | たて　　ｃｍ　　横　　ｃｍ  ３点 | | | | | | | | | | | | | | | | | | |