Math 1201 Final Outline 2016

Part A: 33 Multiple Choice / 33 Bring PENCILS!

Part B: 10 Constructed Response / 34 Show all workings. Bring CALCULATORS!

Total Exam: / 67

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|  Formulae Given |
| **Surface Area** |
| **Cylinder**$$2πr^{2}+2πrh$$ | **Cone**$$πr^{2}+πrs$$ | **Sphere**$$4πr^{2}$$ |
|  |
| **Volume** |
| **Pyramid**$$\frac{Ah}{3}$$ | **Cone**$$\frac{πr^{2}h}{3}$$ | **Sphere**$$\frac{4πr^{3}}{3}$$ |
|  |

Units Covered

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| Roots and Powers (3.1, 3.2, Ch 4) 6 Multiple Choice /6 Marks2 Constructed Response /7 Marks | Factors and Products (3.3 to 3.8)7 Multiple Choice /7 Marks2 Constructed Response /6 Marks |
| Relations and Functions (Ch 5)5 Multiple Choice /5 Marks1 Constructed Response /4 Marks | Linear Functions (Ch 6)5 Multiple Choice /5 Marks2 Constructed Response /6 Marks |
| Systems of Linear Equations (Ch 7)4 Multiple Choice /4 Marks1 Constructed Response /4 Marks | Chapter 2 Trigonometry4 Multiple Choice /4 Marks1 Constructed Response /3 Marks |
| Measurement (1.4 to 1.7)2 Multiple Choice /2 Marks1 Constructed Response /4 Marks |  |