

PHY2053  
Summer C 2013  
Exam 3 Breakdown

1. Pascal's principle
2. Pressure variation with depth
3. Archimedes' principle
4. Equation of continuity and Bernoulli's equation
5. Viscosity and Poiseuille's law
6. Young's modulus
7. Bulk modulus
8. Simple harmonic motion mass on a spring
9. Simple harmonic motion simple pendulum
10. Energy considerations in simple harmonic motion
11. General equations of simple harmonic motion
12. Intensity and power
13. Speed of a wave on string
14. Traveling waves
15. Principle of superposition
16. Standing waves on a string
17. Decibel scale of sound intensity
18. Standing sound waves in a pipe
19. Beats
20. Doppler effect