Second Order Differential Equations

Answers to Final Exam Study Problems

11. $y = -e^{3x} + 2e^{2x}$

12. $y = (3x - 5)e^{2-x}$

13. $y = 2\cos(\frac{x}{2}) + \sin(\frac{x}{2})$

14. $y = -e^{x}\cos x$

15. $y = (7 + 5x)e^{-2(x+1)}$

16. $y = -e^{x-\frac{\pi}{2}}\sin 2x$