MA 162 Spring 2003, Answers to Exam III.

1-12) FTF FTT FTT FFF

13) a) $-2 + \frac{4}{2} - \frac{8}{6} + \frac{16}{24} - \frac{32}{120} + \frac{64}{720}$, b) 5

14) conditionnally convergent

15) $(0, 2]$

16) $\frac{(-1)^n (n+1)(n+2)}{2}$

17) $1 + 2(x - \frac{\pi}{4}) + 2(x - \frac{\pi}{4})^2$