

PROBABILITY AND STATISTICS
[MMT,AE]
KEYS

I Choose the correct alternative:

1. c
2. d
3. b
4. b
5. a
6. b
7. b
8. d
9. c
10. d

II Fill in the blanks

11. 3hrs
12. Perfect
13. $\frac{\lambda}{\mu - \lambda}$
14. $\frac{\lambda}{\mu}$
15. 1.66
16. 3.21
17. $\frac{\bar{X} - \bar{Y}}{s \sqrt{\frac{1}{n_1} + \frac{1}{n_2}}}$
18. 0.57
19. $r \frac{\sigma_x}{\sigma_y}$
20. 0.02306