## **SET THEORY:-**

- 1. T=350 F=320 T intersection F = 220 TuF=350+320=550 2. C. Star TV = 9000 Zee TV = 12000 Both=4000 Only Star TV = 9000-4000 = 5000 Only Zee tv=12000-4000=8000 Ans =20000-4000-5000-8000=3000 3. B. Marathon team = 29-(4+8+7)=104. A.100 5. C.31 6. D.68

- 7. Rural people are either farmers or rich but NOT both = 22+14 = 36
- 8. B.4
- 9. D.34
- 10. A.15
- 11. A.A
- 12. a. {1, -2}
- 13. B.20
- 14. D.4
- 15. b. A=  $\{x:x \text{ is an integer and } x^2-9=0\}$
- 16. A.202
- 17. D. 44,0
- 18. (a) 43
- 19. (d) Not a well-defined collection
- 20. (a) 16