



1. In a class of 33 students, each one likes either 'basketball' or 'shotput' or both. If 16 students like 'basketball' and 33 students like 'shotput', how many like both the games?  
(i) 16 (ii) 15 (iii) 19 (iv) 17 (v) 13
2. In a class of 27 students, each one likes either 'badminton' or 'chess' or both. If 19 students like 'badminton' and 25 students like 'chess', how many like 'badminton' only?  
(i) 4 (ii) 1 (iii) 3 (iv) 2 (v) (-1)
3. In a class of 19 students, each one likes either 'Helping parents' or 'Reading books' or both. If 12 students like 'Helping parents' and 9 students like 'Reading books', how many like both the activities?  
(i) (-1) (ii) 3 (iii) 2 (iv) 1 (v) 5
4. In a class of 26 students, each one likes either 'Helping parents' or 'Painting' or both. If 19 students like 'Helping parents' and 18 students like 'Painting', how many like 'Helping parents' only?  
(i) 11 (ii) 8 (iii) 7 (iv) 6 (v) 9
5. In a class of 34 students, if 27 students like 'chess', 27 students like 'hockey' and 23 students like both the games, how many like 'hockey' only ?  
(i) 7 (ii) 4 (iii) 1 (iv) 5 (v) 3
6. In a class of 35 students, if 28 students like 'Painting', 11 students like 'Listening music' and 10 students like both the activities, how many like 'Painting' only ?  
(i) 19 (ii) 21 (iii) 15 (iv) 18 (v) 17
7. In a class of 29 students, if 23 students like 'Watching TV', 13 students like 'Painting' and 12 students like both the activities, how many do not like any of the activities ?  
(i) 8 (ii) 4 (iii) 2 (iv) 6 (v) 5
8. In a class of 30 students, if 17 students like 'Community work', 17 students like 'Painting' and 10 students like both the activities, how many like 'Painting' only ?  
(i) 4 (ii) 9 (iii) 8 (iv) 7 (v) 6
9. In a class of 27 students, if 5 students study 'Biology', 22 students study 'Social Studies' and 5 students study both the subjects, how many do not study any of the subjects ?  
(i) 7 (ii) 2 (iii) 6 (iv) 5 (v) 4
10. In a class of 27 students, if 18 students study 'Sanskrit', 13 students study 'German' and 9 students study both the subjects, how many study 'Sanskrit' only ?  
(i) 7 (ii) 12 (iii) 9 (iv) 8 (v) 10
11. In a class of 30 students, if 14 students study 'Urdu', 29 students study 'Science' and 13 students study both the subjects, how many study 'Science' only ?  
(i) 15 (ii) 17 (iii) 14 (iv) 16 (v) 19

12. In a class of 33 students, if 23 students prefer 'School Van', 31 students prefer 'Auto' and 22 students prefer both the modes of transport, how many do not prefer any of the modes of transport ?  
(i) 0 (ii) (-2) (iii) 3 (iv) 1 (v) 2
13. In a class of 33 students, if 18 students prefer 'RTC Bus', 33 students prefer 'School Van' and 18 students prefer both the modes of transport, how many prefer 'RTC Bus' only ?  
(i) 1 (ii) (-2) (iii) (-1) (iv) 3 (v) 0
14. In a class of 35 students, if 35 students prefer 'School Van', 12 students prefer 'Auto' and 12 students prefer both the modes of transport, how many prefer 'Auto' only ?  
(i) (-3) (ii) 0 (iii) (-1) (iv) 1 (v) 2
15. In a class of 32 students, if 26 students read 'Indian Express', 12 students read 'Deccan Chronicle' and 10 students read both the news papers, how many do not read any of the news papers ?  
(i) 5 (ii) 3 (iii) 4 (iv) 7 (v) 2
16. In a class of 35 students, if 16 students read 'Hindustan Times', 16 students read 'Times of India' and 5 students read both the news papers, how many read 'Hindustan Times' only ?  
(i) 11 (ii) 12 (iii) 8 (iv) 13 (v) 10
17. In a class of 34 students, if 23 students read 'Hindustan Times', 27 students read 'Indian Express' and 17 students read both the news papers, how many read 'Indian Express' only ?  
(i) 9 (ii) 11 (iii) 13 (iv) 7 (v) 10
18. In a class of 22 students, each one likes either 'Community work' or 'Helping parents' or both. If 21 students like 'Community work' and 20 students like 'Helping parents', how many like both the activities?  
(i) 22 (ii) 19 (iii) 20 (iv) 16 (v) 18
19. In a class of 16 students, each one likes either 'Dancing' or 'Playing' or both. If 13 students like 'Dancing' and 7 students like 'Playing', how many like 'Dancing' only?  
(i) 8 (ii) 11 (iii) 6 (iv) 9 (v) 10
20. In a class of 31 students, each one likes either 'Dancing' or 'Playing' or both. If 31 students like 'Dancing' and 12 students like 'Playing', how many like 'Playing' only?  
(i) 1 (ii) 2 (iii) (-2) (iv) (-1) (v) 0

## Assignment Key

1) (i)	2) (iv)	3) (iii)	4) (ii)	5) (ii)	6) (iv)
7) (v)	8) (iv)	9) (iv)	10) (iii)	11) (iv)	12) (iv)
13) (v)	14) (ii)	15) (iii)	16) (i)	17) (v)	18) (ii)
19) (iv)	20) (v)				