



1. In a class of 15 students, each one likes either 'volleyball' or 'shotput' or both. If 8 students like 'volleyball' and 8 students like 'shotput', how many like both the games?
(i) 2 (ii) 0 (iii) 1 (iv) (-1) (v) 3
2. In a class of 18 students, each one likes either 'wrestling' or 'running' or both. If 15 students like 'wrestling' and 12 students like 'running', how many like 'wrestling' only?
(i) 4 (ii) 5 (iii) 8 (iv) 7 (v) 6
3. In a class of 28 students, each one likes either 'football' or 'high jump' or both. If 25 students like 'football' and 28 students like 'high jump', how many like 'high jump' only?
(i) 1 (ii) 3 (iii) 4 (iv) 2 (v) 5
4. In a class of 30 students, each one likes either 'Painting' or 'Dancing' or both. If 9 students like 'Painting' and 30 students like 'Dancing', how many like both the activities?
(i) 9 (ii) 7 (iii) 8 (iv) 10 (v) 11
5. In a class of 33 students, each one likes either 'Painting' or 'Reading books' or both. If 28 students like 'Painting' and 27 students like 'Reading books', how many like 'Painting' only?
(i) 6 (ii) 8 (iii) 5 (iv) 7 (v) 3
6. In a class of 29 students, each one likes either 'Dancing' or 'Painting' or both. If 24 students like 'Dancing' and 11 students like 'Painting', how many like 'Painting' only?
(i) 2 (ii) 5 (iii) 7 (iv) 4 (v) 6
7. In a class of 32 students, each one studies either 'English' or 'Mathematics' or both. If 27 students study 'English' and 21 students study 'Mathematics', how many study both the subjects?
(i) 15 (ii) 17 (iii) 19 (iv) 14 (v) 16
8. In a class of 31 students, each one studies either 'Science' or 'English' or both. If 29 students study 'Science' and 11 students study 'English', how many study 'Science' only?
(i) 21 (ii) 19 (iii) 22 (iv) 20 (v) 17
9. In a class of 24 students, each one studies either 'Mathematics' or 'Science' or both. If 20 students study 'Mathematics' and 7 students study 'Science', how many study 'Science' only?
(i) 3 (ii) 7 (iii) 1 (iv) 5 (v) 4
10. In a class of 18 students, each one prefers either 'Bicycle' or 'Moped' or both. If 11 students prefer 'Bicycle' and 14 students prefer 'Moped', how many prefer both the modes of transport?
(i) 10 (ii) 7 (iii) 8 (iv) 6 (v) 4
11. In a class of 22 students, each one prefers either 'Scooter' or 'Car' or both. If 12 students prefer 'Scooter' and 22 students prefer 'Car', how many prefer 'Scooter' only?
(i) 2 (ii) 0 (iii) 1 (iv) (-1) (v) (-2)

12. In a class of 30 students, each one prefers either 'Auto' or 'Bicycle' or both. If 26 students prefer 'Auto' and 27 students prefer 'Bicycle', how many prefer 'Bicycle' only?
(i) 6 (ii) 3 (iii) 2 (iv) 4 (v) 5
13. In a class of 15 students, each one reads either 'Deccan Chronicle' or 'Hans India' or both. If 9 students read 'Deccan Chronicle' and 10 students read 'Hans India', how many read both the news papers?
(i) 3 (ii) 7 (iii) 2 (iv) 4 (v) 5
14. In a class of 21 students, each one reads either 'Hans India' or 'Deccan Chronicle' or both. If 11 students read 'Hans India' and 20 students read 'Deccan Chronicle', how many read 'Hans India' only?
(i) 3 (ii) 1 (iii) 0 (iv) 2 (v) (-2)
15. In a class of 19 students, each one reads either 'Hans India' or 'Deccan Chronicle' or both. If 16 students read 'Hans India' and 9 students read 'Deccan Chronicle', how many read 'Deccan Chronicle' only?
(i) 5 (ii) 3 (iii) 1 (iv) 4 (v) 2
16. In a class of 27 students, if 11 students like 'badminton', 20 students like 'cricket' and 11 students like both the games, how many do not like any of the games ?
(i) 8 (ii) 7 (iii) 5 (iv) 6 (v) 9
17. In a class of 29 students, if 18 students like 'shotput', 19 students like 'chess' and 12 students like both the games, how many like 'shotput' only ?
(i) 7 (ii) 3 (iii) 6 (iv) 8 (v) 5
18. In a class of 29 students, if 5 students like 'running', 27 students like 'hockey' and 4 students like both the games, how many like 'hockey' only ?
(i) 23 (ii) 25 (iii) 22 (iv) 24 (v) 20
19. In a class of 26 students, 16 students in 'Hindi', 10 students in 'Telugu', 10 students in 'Mathematics', 6 students in 'Hindi' and 'Telugu', 6 students in 'Telugu' and 'Mathematics', 6 students in 'Mathematics' and 'Hindi', 3 students in all the three subjects could get first class marks. How many of them got first class marks in only 'Hindi'?
(i) 6 (ii) 7 (iii) 4 (iv) 8 (v) 9
20. In a class of 28 students, 15 students in 'Physics', 22 students in 'Science', 16 students in 'Mathematics', 14 students in 'Physics' and 'Science', 12 students in 'Science' and 'Mathematics', 9 students in 'Mathematics' and 'Physics', 9 students in all the three subjects could get first class marks. How many of them got first class marks in only 'Science'?
(i) 4 (ii) 5 (iii) 2 (iv) 6 (v) 8
21. In a class of 34 students, 14 students in 'Social Studies', 28 students in 'Spanish', 18 students in 'French', 11 students in 'Social Studies' and 'Spanish', 14 students in 'Spanish' and 'French', 6 students in 'French' and 'Social Studies', 4 students in all the three subjects could get first class marks. How many of them got first class marks in only 'French'?
(i) 3 (ii) (-1) (iii) 4 (iv) 2 (v) 1
22. In a class of 28 students, 14 students in 'Physics', 11 students in 'German', 11 students in 'English', 6 students in 'Physics' and 'German', 3 students in 'German' and 'English', 5 students in 'English' and 'Physics', 2 students in all the three subjects could get first class marks. How many of them got first class marks in exactly two subjects?
(i) 6 (ii) 8 (iii) 9 (iv) 7 (v) 10

23. In a class of 28 students, 22 students in 'Urdu', 22 students in 'English', 17 students in 'Spanish', 17 students in 'Urdu' and 'English', 12 students in 'English' and 'Spanish', 13 students in 'Spanish' and 'Urdu', 9 students in all the three subjects could get first class marks. How many of them got first class marks in more than one subject?
(i) 23 (ii) 26 (iii) 25 (iv) 24 (v) 22
24. In a class of 32 students, 17 students in 'English', 12 students in 'Spanish', 19 students in 'French', 6 students in 'English' and 'Spanish', 6 students in 'Spanish' and 'French', 9 students in 'French' and 'English', 3 students in all the three subjects could get first class marks. How many of them got first class marks in none?
(i) 3 (ii) 4 (iii) 1 (iv) (-1) (v) 2
25. In a class of 28 students, 17 students like 'long jump', 19 students like 'cricket', 20 students like 'table tennis', 10 students like 'long jump' and 'cricket', 15 students like 'cricket' and 'table tennis', 12 students like 'table tennis' and 'long jump', 8 students like all the three games. How many of them like only 'long jump'?
(i) 1 (ii) 3 (iii) 4 (iv) 2 (v) 6
26. In a class of 34 students, 19 students like 'shotput', 18 students like 'long jump', 5 students like 'badminton', 8 students like 'shotput' and 'long jump', 4 students like 'long jump' and 'badminton', 1 students like 'badminton' and 'shotput', 1 students like all the three games. How many of them like only 'long jump'?
(i) 8 (ii) 6 (iii) 4 (iv) 9 (v) 7
27. In a class of 34 students, 26 students like 'Dancing', 21 students like 'Watching TV', 9 students like 'Community work', 17 students like 'Dancing' and 'Watching TV', 8 students like 'Watching TV' and 'Community work', 9 students like 'Community work' and 'Dancing', 8 students like all the three activities. How many of them like only 'Dancing'?
(i) 9 (ii) 8 (iii) 10 (iv) 7 (v) 6
28. In a class of 32 students, 21 students like 'Helping parents', 19 students like 'Playing', 18 students like 'Watching TV', 15 students like 'Helping parents' and 'Playing', 12 students like 'Playing' and 'Watching TV', 14 students like 'Watching TV' and 'Helping parents', 10 students like all the three activities. How many of them like only 'Playing'?
(i) 4 (ii) 3 (iii) 1 (iv) (-1) (v) 2
29. In a class of 35 students, 13 students prefer 'Bicycle', 12 students prefer 'Moped', 6 students prefer 'School Van', 6 students prefer 'Bicycle' and 'Moped', 1 students prefer 'Moped' and 'School Van', 4 students prefer 'School Van' and 'Bicycle', 1 students prefer all the three modes of transport. How many of them prefer only 'School Van'?
(i) 2 (ii) 0 (iii) 5 (iv) 1 (v) 3
30. In a class of 34 students, 16 students prefer 'School Van', 10 students prefer 'By Foot', 17 students prefer 'Car', 5 students prefer 'School Van' and 'By Foot', 5 students prefer 'By Foot' and 'Car', 7 students prefer 'Car' and 'School Van', 3 students prefer all the three modes of transport. How many of them prefer exactly two modes of transport?
(i) 8 (ii) 9 (iii) 6 (iv) 10 (v) 7
31. In a class of 27 students, 10 students read 'The Hindu', 6 students read 'News Today', 11 students read 'Times of India', 4 students read 'The Hindu' and 'News Today', 2 students read 'News Today' and 'Times of India', 5 students read 'Times of India' and 'The Hindu', 2 students read all the three news papers. How many of them read more than one news paper?
(i) 8 (ii) 7 (iii) 9 (iv) 4 (v) 6

32. In a class of 27 students, 18 students read 'Times of India', 13 students read 'The Hindu', 21 students read 'Indian Express', 9 students read 'Times of India' and 'The Hindu', 12 students read 'The Hindu' and 'Indian Express', 15 students read 'Indian Express' and 'Times of India', 8 students read all the three news papers. How many of them read none?

- (i) 4 (ii) 1 (iii) 3 (iv) 2 (v) 6

Assignment Key

1) (iii)	2) (v)	3) (ii)	4) (i)	5) (i)	6) (ii)
7) (v)	8) (iv)	9) (v)	10) (ii)	11) (ii)	12) (iv)
13) (iv)	14) (ii)	15) (ii)	16) (ii)	17) (iii)	18) (i)
19) (ii)	20) (ii)	21) (iv)	22) (ii)	23) (iv)	24) (v)
25) (ii)	26) (v)	27) (ii)	28) (v)	29) (i)	30) (i)
31) (ii)	32) (iii)				