1. In a class of 23 students, each one likes either 'long jump' or 'kabaddi' or both. If 7 students like 'long jump' and 23 students like 'kabaddi', how many like both the games?

   (i) 5 (ii) 10 (iii) 6 (iv) 7 (v) 8

2. In a class of 28 students, each one likes either 'carroms' or 'running' or both. If 15 students like 'carroms' and 27 students like 'running', how many like 'carroms' only?

   (i) 4 (ii) 1 (iii) 0 (iv) (-2) (v) 2

3. In a class of 31 students, each one likes either 'shotput' or 'volleyball' or both. If 25 students like 'shotput' and 22 students like 'volleyball', how many like 'volleyball' only?

   (i) 4 (ii) 8 (iii) 7 (iv) 6 (v) 5

4. In a class of 31 students, each one likes either 'Watching TV' or 'Listening music' or both. If 30 students like 'Watching TV' and 24 students like 'Listening music', how many like both the activities?

   (i) 20 (ii) 25 (iii) 22 (iv) 24 (v) 23

5. In a class of 16 students, each one likes either 'Painting' or 'Singing' or both. If 10 students like 'Painting' and 10 students like 'Singing', how many like 'Painting' only?

   (i) 9 (ii) 3 (iii) 6 (iv) 5 (v) 7

6. In a class of 20 students, each one likes either 'Watching TV' or 'Playing' or both. If 17 students like 'Watching TV' and 10 students like 'Playing', how many like 'Playing' only?

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

7. In a class of 29 students, each one studies either 'Sanskrit' or 'Urdu' or both. If 27 students study 'Sanskrit' and 18 students study 'Urdu', how many study both the subjects?

   (i) 15 (ii) 14 (iii) 18 (iv) 17 (v) 16

8. In a class of 22 students, each one studies either 'Sanskrit' or 'Spanish' or both. If 16 students study 'Sanskrit' and 8 students study 'Spanish', how many study 'Sanskrit' only?

   (i) 12 (ii) 17 (iii) 15 (iv) 13 (v) 14

9. In a class of 26 students, each one studies either 'French' or 'Telugu' or both. If 17 students study 'French' and 22 students study 'Telugu', how many study 'Telugu' only?

   (i) 11 (ii) 7 (iii) 10 (iv) 8 (v) 9

10. In a class of 28 students, each one prefers either 'Scooter' or 'Moped' or both. If 7 students prefer 'Scooter' and 27 students prefer 'Moped', how many prefer both the modes of transport?

    (i) 4 (ii) 6 (iii) 7 (iv) 5 (v) 8

11. In a class of 23 students, each one prefers either 'RTC Bus' or 'School Bus' or both. If 12 students prefer 'RTC Bus' and 23 students prefer 'School Bus', how many prefer 'RTC Bus' only?

    (i) (-3) (ii) 0 (iii) 1 (iv) 2 (v) (-1)

12. In a class of 10 students, each one prefers either 'Car' or 'Bicycle' or both. If 6 students prefer 'Car' and 6 students prefer 'Bicycle', how many prefer 'Bicycle' only?

    (i) 3 (ii) 4 (iii) 1 (iv) 5 (v) 7

13. In a class of 34 students, each one reads either 'Hindustan Times' or 'Indian Express' or both. If 25 students read 'Hindustan Times' and 30 students read 'Indian Express', how many read both the news papers?

    (i) 22 (ii) 24 (iii) 20 (iv) 21 (v) 18

14. In a class of 21 students, each one reads either 'Hans India' or 'Indian Express' or both. If 19 students read 'Hans India' and 13 students read 'Indian Express', how many read 'Hans India' only?

    (i) 8 (ii) 10 (iii) 7 (iv) 5 (v) 9

15. In a class of 30 students, each one reads either 'Times of India' or 'Hans India' or both. If 13 students read 'Times of India' and 30 students read 'Hans India', how many read 'Hans India' only?

    (i) 17 (ii) 15 (iii) 18 (iv) 19 (v) 16

16. In a class of 27 students, if 25 students like 'basketball', 7 students like 'table tennis' and 6 students like both the games, how many do not like any of the games ?

    (i) 1 (ii) 2 (iii) 3 (iv) 0 (v) (-2)

17. In a class of 35 students, if 10 students like 'cricket', 27 students like 'chess' and 9 students like both the games, how many like 'cricket' only ?

    (i) (-1) (ii) 2 (iii) 0 (iv) 1 (v) 4

18. In a class of 33 students, if 14 students like 'table tennis', 33 students like 'badminton' and 14 students like both the games, how many like 'badminton' only ?

    (i) 20 (ii) 18 (iii) 17 (iv) 19 (v) 21

19. In a class of 27 students, 5 students in 'Hindi', 7 students in 'English', 7 students in 'Spanish', none of the students in 'Hindi' and 'English', 2 students in 'English' and 'Spanish', none of the students in 'Spanish' and 'Hindi', none of the students in all the three subjects could get first class marks. How many of them got first class marks in only 'Hindi'?

    (i) 2 (ii) 6 (iii) 5 (iv) 4 (v) 7

20. In a class of 30 students, 20 students in 'French', 8 students in 'Telugu', 10 students in 'Science', 6 students in 'French' and 'Telugu', 2 students in 'Telugu' and 'Science', 6 students in 'Science' and 'French', 1 students in all the three subjects could get first class marks. How many of them got first class marks in only 'Telugu'?

    (i) 1 (ii) (-1) (iii) 0 (iv) 2 (v) 4

21. In a class of 33 students, 21 students in 'Sanskrit', 21 students in 'Mathematics', 11 students in 'English', 15 students in 'Sanskrit' and 'Mathematics', 7 students in 'Mathematics' and 'English', 7 students in 'English' and 'Sanskrit', 5 students in all the three subjects could get first class marks. How many of them got first class marks in only 'English'?

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

22. In a class of 33 students, 19 students in 'Biology', 19 students in 'Sanskrit', 8 students in 'German', 12 students in 'Biology' and 'Sanskrit', 6 students in 'Sanskrit' and 'German', 4 students in 'German' and 'Biology', 3 students in all the three subjects could get first class marks. How many of them got first class marks in exactly two subjects?

    (i) 12 (ii) 14 (iii) 10 (iv) 13 (v) 15

23. In a class of 27 students, 10 students in 'Hindi', 16 students in 'Spanish', 11 students in 'Biology', 5 students in 'Hindi' and 'Spanish', 8 students in 'Spanish' and 'Biology', 4 students in 'Biology' and 'Hindi', 2 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) 14 (ii) 11 (iii) 12 (iv) 15 (v) 13

24. In a class of 28 students, 12 students in 'French', 19 students in 'Social Studies', 7 students in 'Mathematics', 9 students in 'French' and 'Social Studies', 4 students in 'Social Studies' and 'Mathematics', 3 students in 'Mathematics' and 'French', 2 students in all the three subjects could get first class marks. How many of them got first class marks in none?

   (i) 3 (ii) 7 (iii) 5 (iv) 4 (v) 2

25. In a class of 29 students, 15 students like 'chess', 24 students like 'running', 12 students like 'long jump', 12 students like 'chess' and 'running', 11 students like 'running' and 'long jump', 6 students like 'long jump' and 'chess', 6 students like all the three games. How many of them like only 'chess'?

   (i) 2 (ii) 1 (iii) 4 (iv) 5 (v) 3

26. In a class of 30 students, 19 students like 'high jump', 7 students like 'tennis', 11 students like 'badminton', 5 students like 'high jump' and 'tennis', 3 students like 'tennis' and 'badminton', 6 students like 'badminton' and 'high jump', 1 students like all the three games. How many of them like only 'tennis'?

   (i) (-2) (ii) 2 (iii) (-1) (iv) 1 (v) 0

27. In a class of 34 students, 14 students like 'Community work', 5 students like 'Painting', 12 students like 'Watching TV', 3 students like 'Community work' and 'Painting', 3 students like 'Painting' and 'Watching TV', 6 students like 'Watching TV' and 'Community work', 3 students like all the three activities. How many of them like only 'Community work'?

   (i) 8 (ii) 7 (iii) 11 (iv) 9 (v) 5

28. In a class of 32 students, 23 students like 'Playing', 15 students like 'Reading books', 19 students like 'Helping parents', 11 students like 'Playing' and 'Reading books', 11 students like 'Reading books' and 'Helping parents', 11 students like 'Helping parents' and 'Playing', 8 students like all the three activities. How many of them like only 'Reading books'?

   (i) 4 (ii) 2 (iii) 1 (iv) 0 (v) (-2)

29. In a class of 35 students, 5 students prefer 'School Bus', 22 students prefer 'School Van', 28 students prefer 'Scooter', 2 students prefer 'School Bus' and 'School Van', 17 students prefer 'School Van' and 'Scooter', 3 students prefer 'Scooter' and 'School Bus', none of the students prefer all the three modes of transport. How many of them prefer only 'Scooter'?

   (i) 6 (ii) 10 (iii) 9 (iv) 8 (v) 7

30. In a class of 33 students, 5 students prefer 'Scooter', 21 students prefer 'School Bus', 17 students prefer 'By Foot', 5 students prefer 'Scooter' and 'School Bus', 10 students prefer 'School Bus' and 'By Foot', 1 students prefer 'By Foot' and 'Scooter', 1 students prefer all the three modes of transport. How many of them prefer exactly two modes of transport?

   (i) 13 (ii) 16 (iii) 12 (iv) 11 (v) 14

31. In a class of 25 students, 6 students read 'Hindustan Times', 16 students read 'Deccan Chronicle', 15 students read 'The Hindu', 5 students read 'Hindustan Times' and 'Deccan Chronicle', 10 students read 'Deccan Chronicle' and 'The Hindu', 3 students read 'The Hindu' and 'Hindustan Times', 3 students read all the three news papers. How many of them read more than one news paper?

   (i) 12 (ii) 13 (iii) 15 (iv) 10 (v) 11

32. In a class of 31 students, 16 students read 'Hans India', 17 students read 'Times of India', 20 students read 'The Hindu', 10 students read 'Hans India' and 'Times of India', 12 students read 'Times of India' and 'The Hindu', 9 students read 'The Hindu' and 'Hans India', 6 students read all the three news papers. How many of them read none?

(i) 4 (ii) 2 (iii) 5 (iv) 0 (v) 3

Assignment Key

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