1. In a class of 25 students, each one likes either 'football' or 'tennis' or both. If 22 students like 'football' and 18 students like 'tennis', how many like both the games?

   (i)  12  (ii)  17  (iii)  16  (iv)  14  (v)  15

2. In a class of 22 students, each one likes either 'long jump' or 'carroms' or both. If 21 students like 'long jump' and 7 students like 'carroms', how many like 'long jump' only?

   (i)  14  (ii)  13  (iii)  18  (iv)  16  (v)  15

3. In a class of 17 students, each one likes either 'Painting' or 'Listening music' or both. If 8 students like 'Painting' and 9 students like 'Listening music', how many like both the activities?

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

4. In a class of 16 students, each one likes either 'Helping parents' or 'Painting' or both. If 6 students like 'Helping parents' and 13 students like 'Painting', how many like 'Helping parents' only?

   (i)  6  (ii)  3  (iii)  0  (iv)  2  (v)  4

5. In a class of 35 students, if 18 students like 'carroms', 19 students like 'boxing' and 10 students like both the games, how many like 'boxing' only ?

   (i)  10  (ii)  7  (iii)  12  (iv)  8  (v)  9

6. In a class of 27 students, if 21 students like 'Reading books', 9 students like 'Singing' and 7 students like both the activities, how many like 'Reading books' only ?

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

7. In a class of 29 students, if 29 students like 'Playing', 14 students like 'Painting' and 14 students like both the activities, how many do not like any of the activities ?

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

8. In a class of 29 students, if 28 students like 'Singing', 15 students like 'Dancing' and 15 students like both the activities, how many like 'Dancing' only ?

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

9. In a class of 26 students, if 21 students study 'French', 26 students study 'Urdu' and 21 students study both the subjects, how many do not study any of the subjects ?

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

10. In a class of 29 students, if 9 students study 'Physics', 9 students study 'Social Studies' and 2 students study both the subjects, how many study 'Physics' only ?

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

11. In a class of 33 students, if 30 students study 'Biology', 23 students study 'English' and 20 students study both the subjects, how many study 'English' only ?

    (i)  2  (ii)  4  (iii)  6  (iv)  3  (v)  0

12. In a class of 27 students, if 10 students prefer 'Car', 26 students prefer 'By Foot' and 10 students prefer both the modes of transport, how many do not prefer any of the modes of transport ?

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

13. In a class of 32 students, if 7 students prefer 'Car', 12 students prefer 'Moped' and 4 students prefer both the modes of transport, how many prefer 'Car' only ?

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

14. In a class of 26 students, if 16 students prefer 'Auto', 23 students prefer 'School Bus' and 14 students prefer both the modes of transport, how many prefer 'School Bus' only ?

  (i) 10  (ii) 8  (iii) 11  (iv) 6  (v) 9

15. In a class of 31 students, if 17 students read 'Hans India', 29 students read 'Indian Express' and 16 students read both the news papers, how many do not read any of the news papers ?

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

16. In a class of 34 students, if 24 students read 'Hindustan Times', 10 students read 'News Today' and 7 students read both the news papers, how many read 'Hindustan Times' only ?

  (i) 16  (ii) 17  (iii) 19  (iv) 18  (v) 14

17. In a class of 25 students, if 13 students read 'Deccan Chronicle', 7 students read 'Times of India' and 6 students read both the news papers, how many read 'Times of India' only ?

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

18. In a class of 35 students, each one likes either 'Dancing' or 'Singing' or both. If 29 students like 'Dancing' and 32 students like 'Singing', how many like both the activities?

  (i) 27  (ii) 26  (iii) 24  (iv) 25  (v) 29

19. In a class of 13 students, each one likes either 'Helping parents' or 'Playing' or both. If 7 students like 'Helping parents' and 7 students like 'Playing', how many like 'Helping parents' only?

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

20. In a class of 7 students, each one likes either 'Singing' or 'Reading books' or both. If 5 students like 'Singing' and 5 students like 'Reading books', how many like 'Reading books' only?

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

## Assignment Key

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