

LESSONP1068

Q1 to Q3 are based on following information :

1000 people were surveyed for their preference out of three choices X,Y and Z. 700 selected X. 580 selected Y. 600 selected Z. 280 selected all three. 60 selected both Y and Z but not all three.

- Q1. How many people select only X ?
- Q2. How many had exactly 2 choices ?
- Q3. How many had exactly one choice ?

Q4 and Q5 are based on following information :

The employees of a Bank branch are asked to select the drinks out of Coffee, tea or juice that they would like to have during the daily break. 12,2 and 4 employees select only one drink, Coffee, tea and juice respectively. 23 people select exactly 2 drinks and 21 select all three. Tea was selected by 45 people, coffee was selected by 43 employees and juice was selected by 39 .

- Q4. How many employees are there in the branch?
- Q5. If the number of employees who selected both tea and Juice was 24 and number of employee who had both coffee and tea was 30, how many employee did not have tea as one the drink ?

Q6 and Q7 are based on following information :

Applications were invited for the post of Country Manager Singapore, USA and Australia. Out of the applications received 34 candidates had previous working experience in Singapore. 22 worked in USA before and 32 in Australia. 3 candidates had previous experience in all the 3 countries. 23 candidates had experience in exactly two countries.

- Q6. If there were 100 applications how many candidates had experience in at least one of the the 3 countries ?
- Q7. How many candidates had worked in exactly one country ?

<http://groups.yahoo.com/group/urpercentile/>

Q8 to Q11 are based on following information :

There are 1200 calls from IIMA,IIMB and IIMC expected for Urpercentile subscribers. 625 subscribers are expected to get calls from exactly one of the three institute in such a way that calls from IIMA are 50 more than calls from IIMC and there are 25 calls less from IIM-B compared to calls from IIMC. There are 350 subscribers who are expected to get calls from exactly two institute. There are 1200 subscribers expected to calls from at least one of the three institute. 350 subscribers are expected to get calls from both IIMA and IIMB and 300 subscribers to get calls from both IIMB and IIMC.

- Q8. How many subscribers get call from all three institutes ?
- Q9. How many subscribers get call from IIMA ONLY (Only one call) ?
- Q10. How many subscribers get calls from IIMC (Includes those who have 2 calls or 3 calls) ?
- Q11. How many subscribers get calls from IIMB but not from

IIMA ?

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Q12 to Q14 are based on following information :

There was a report on production of 175 farmers of a village. 80 farmers grew wheat, 100 grew Paddy and 130 vegetables. There were 45 farmers who grew both wheat and Paddy, 65 grew both Paddy and vegetable and 55 grew both Wheat and Vegetables.

Q12. How many grew all three ?

Q13. How many don't grow Vegetables or Paddy ?

Q14. How many farmers grew exactly two of the three crops ?

Q15 to Q17 are based on following information :

Two cities A and B are on opposite side of a gulf. You may travel between the two cities, by bus, by Ship or by helicopter. 350 people of city A were asked to give preference of their mode of transportation. 50 people said they can travel by any of the three. 140 people had ship in their selection list. 220 had bus in their selection list and 230 had helicopter in their selection list. 40 people selected both bus and ship but not helicopter and 30 people selected both ship and helicopter but not bus.

Q15. How many people did not have helicopter as one of their choice ?

Q16. How many people did not have Bus as one of their choice ?

Q17. How many people had helicopter or bus as one of their choice ?

Q18 to Q20 are based on following information :

375 students of a school were asked to select the sports they would like to play during the year. They were given option of Football, Cricket and Hockey. 35 students selected all three. 90 students had both football and hockey or all three. 75 selected cricket and Hockey but not all three. 45 selected both Football and Cricket but not hockey. 85 selected only hockey and 65 selected only cricket. Cricket was selected by 70 students more compared to Football.

Q18. How many student were there who selected Cricket but not all three ?

Q19. How many students selected more than one sports ?

Q20. How many did not select football ?

Q21 to Q23 are based on following information :

In a class of 87 students, 50 students have chemistry as a subject. Out of these these 50 there are 26 who also have maths as one of the subject and 25 who also have Physics as one of the subject and 11 who have all the three. There are 51 students who have Maths as one of the subject and 50 students who have Physics as one of the subject.

Q21. How many students are there who have both Physics and Maths but not all the three?

Q22. How many have both Chemistry and Physics but not all three ?

Q23. How many have only one of the three subject ?

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MATCH THE WORDS IN SET A WITH THEIR MEANINGS IN SET B

SET A: 24. Innate 25. Relinquish 26. Vitreous, 27. Distend, 28. Impervious, 29. Palliate, 30. Intransigent

SET B:

- A. To lessen the intensity or severity of something. .
- B. Not penetrable, not allowing passage through.
- C. To expand or swell.
- D. Pertaining to or having appearance of glass.
- E. Path taken by a projectile.
- F. Uncompromising.
- G. To calculate.
- H. To renounce or surrender.
- I. Clearly visible.
- J. Friendly, Good nature.
- K. The qualities that a person or animal is born with.
- L. Lack of anxiety, concern or care.

