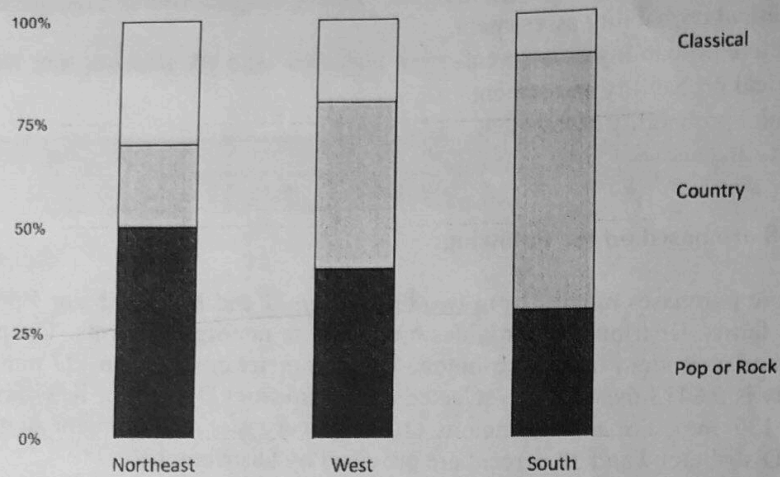


Questions 11-15 are based on the following:

A study of music preferences in three geographical locations in Canada resulted in the following stacked (segmented) bar chart:



- Q11.** What percentage of those surveyed from the Northeast prefer country music?
- 20%
 - 30%
 - 40%
 - 50%
 - 70%
- Q12.** Which of the following is greatest?
- The number of people in Northeast who prefer pop or rock *30%*
 - The number of people in the west who prefer classical
 - The number of people in the south who prefer country ✓
 - The above are all equal
 - It is impossible to determine the answer without knowing the actual number of people involved.
- Q13.** Which of the following is greatest?
- The percentage of people in Northeast who prefer classical *30%*
 - The percentage of people in the west who prefer country
 - The percentage of people in the south who prefer classical *27%*
 - The above are all equal
 - It is impossible to determine the answer without knowing the actual number of people involved.
- Q14.** Based on the given segmented bar chart, does there seem to be a relationship between geographical location and music preference?
- Yes, because the corresponding segments of the three bars have difference heights.
 - Yes, because the heights of the three bars are identical
 - Yes, because there are three segments and three bars
 - No, because the heights of three bars are identical
 - No, because summing the corresponding segments for each types of music, all give approximately the same total
- Q15.** Provide an explanation for why each of the three stacked bars have a height of 100%.
- This is a coincidence
 - This happened because each bar shows a complete distribution ✓
 - This happened because there are three bars each divided into three segments
 - This happened because of the nature of musical pattern.
 - None of the above is true