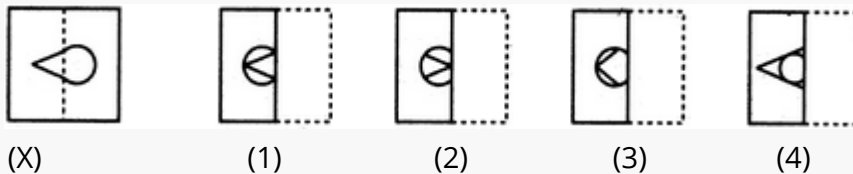


Paper folding

Introduction to paper folding

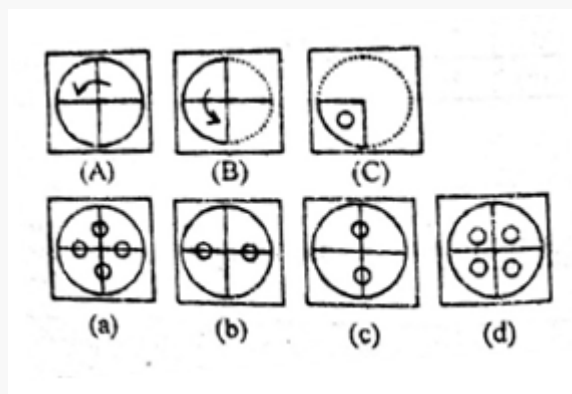
In this section, a sheet of paper is folded in a given manner, and cuts are made on it. A cut may be of varying designs. We have to analyze how this sheet of paper will look when the paper is unfolded. Note that when a cut is made on folded paper, the designs of the cut will appear on each fold. In each of the following examples, figures A and B show a sequence of folding a square sheet. Figure C shows the manner in which folded paper has been cut. You have to select the appropriate figure from alternatives that would appear when the sheet is opened.

Example 1: Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line



Answer: 1)

Solution: Simple observation



Example 2:

Answer: d)

Solution: Here, a circular cut is made on the quarter circle. Hence, this sheet, when

completely unfolded, will contain a small circle on each quarter, and will appear as option d.