Grouping

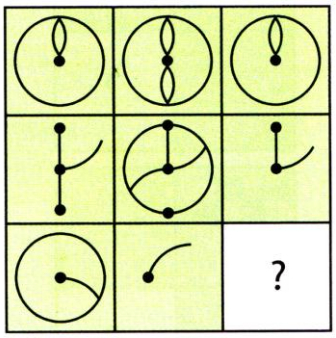
REASONING
WORKBOOK

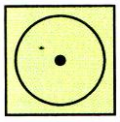
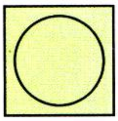
FIGURE MATRIX

In such type of problems there is a 2×2 or 3×3 matrix (An array which has rows and columns) of figures. The figures either row-wise or column-wise follow a certain rule. Out of four or nine figures, a figure is missing. A student is required to fill in the blank by detecting the common rule.

EXAMPLE

1. Identify which of the alternative figures completes the pattern in the given matrix.

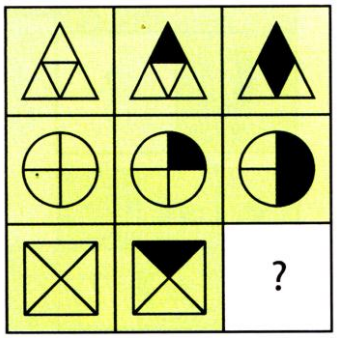


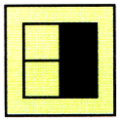
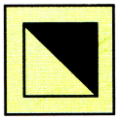
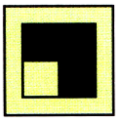
(a) 
(b) 
(c) 
(d) 

Explanation (c):

In each row the third figure is the common to the rest two.

2. Identify which of the alternative figure completes the pattern in the given matrix.



(a) 
(b) 
(c) 
(d) 

Explanation (b):

In each row the 2nd and 3rd figures are obtained by shading negatively one and two on the parts of the 1st figure.