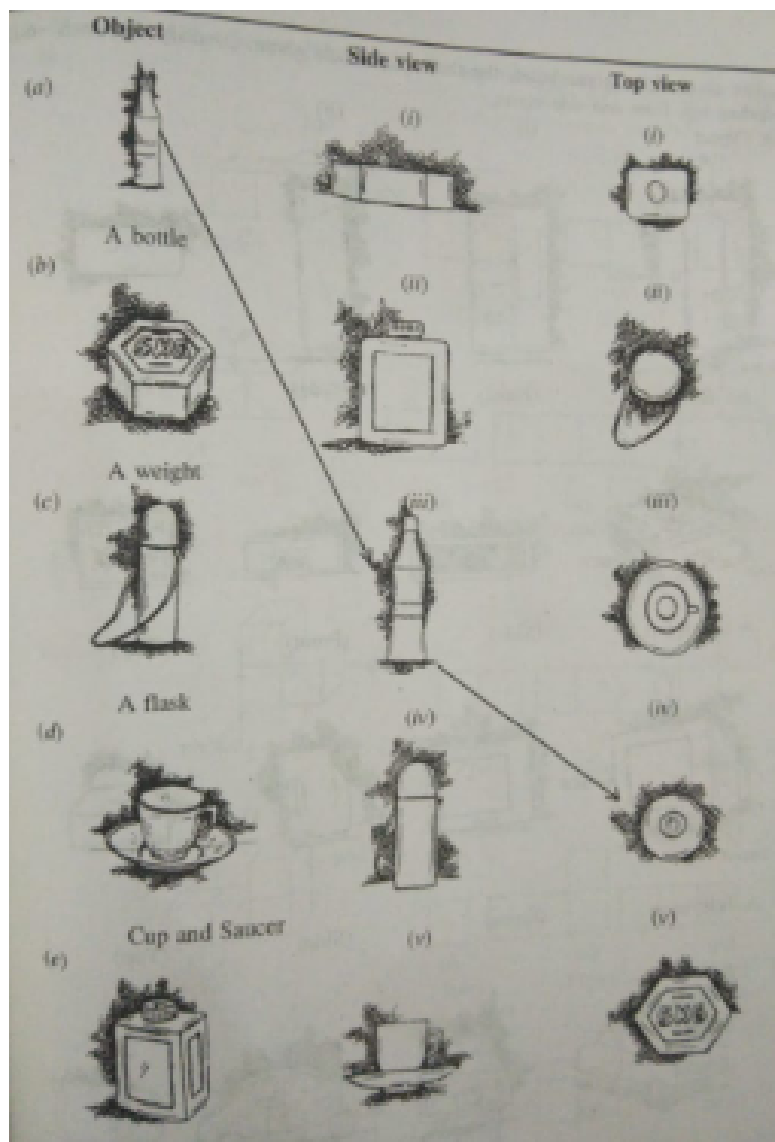# MATHS

BOOKS - PSEB

VISUALISING SOLID SHAPES

Exercise

1. For each of the given solid,the two views are given.Match for each solid the corresponding top and front views.The first one isdone for

you.

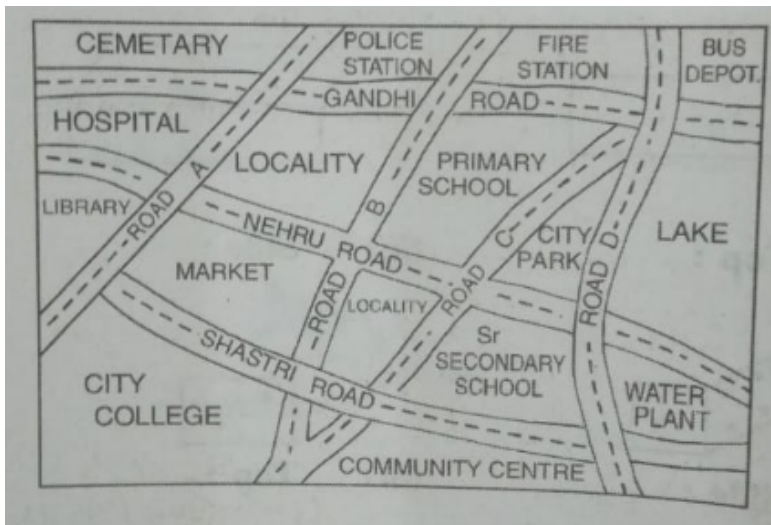| Object	Side view	Top view
(a) A bottle	(i)	(i)
(b) A weight	(ii)	(ii)
(c) A flask	(iii)	(iii)
(d) Cup and Saucer	(iv)	(iv)
(e)	(v)	(v)

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2. Look at the given map of a city.Answer the following:

Which is further east ,the city park or the market?

A. City Park

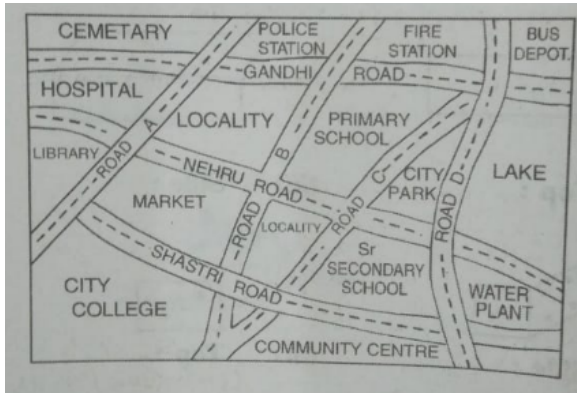B. Market

C. Both

D. None of them

Answer: A

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3. Look at the given map of a city.Answer the following:

Which is further South,the primary school or

the Sr.Secondary School?

A. Primary School

B. Sr.Secondary School

C. Both

D. None of these

Answer:

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4. Draw a map giving instructions to your friend so that she reaches your house wiothout any difficulty.

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5. Can a polyhedron have for its faces: 3 triangles?

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6. Can a polyhedron have for its faces: 4 triangles?

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7. Can a polyhedron have for its faces: a square and four triangles?

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8. Is it possible to have a polyhedron with any given number of faces? (Hint: Think of a pyramid).

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9. How are prisms and cylinders alike?

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10. How are pyramids and cones alike?

11. Is a square prism same as a cube? Explain.

12. Can a polyhedron have 10 faces, 20 edges and 15 vertices?