

JEE MAIN INTRODUCTION TO THREE DIMENSIONAL GEOMETRY — PYQS

Max. Marks: 4

Questions: 1

Section A (MCQ) — 1 question

Q.1 Let $A(x, y, z)$ be a point in xy -plane, which is equidistant from three points $(0, 3, 2)$, $(2, 0, 3)$ and $(0, 0, 1)$.

Let $B = (1, 4, -1)$ and $C = (2, 0, -2)$. Then among the statements

(S1) : $\triangle ABC$ is an isosceles right angled triangle,
and

(S2) : the area of $\triangle ABC$ is $\frac{9\sqrt{2}}{2}$,

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(1) both are false (2) only (S2) is true

(3) only (S1) is true (4) both are true

Scan or tap for the full solution



ANSWER KEY

[illegible]