

QUESTION 2: SOLID GEOMETRY

Given:

- The front view and auxiliary view of a regular triangular prism with a square hole.
- Cutting line **A : A** in the front view.
- The starting point **X** for the front view.

Instructions:

Draw to **scale 1 : 1** the following views of the solid:

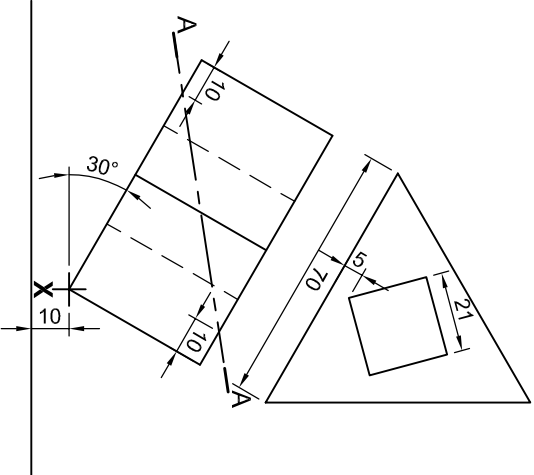
- 2.1 The given front view. (starting with point **X**)
- 2.2 The sectional top view
- 2.3 The right view.

Note:

- Show ALL hidden details.
 - Show ALL necessary constructions.
- [33]

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X



| ASSESSMENT CRITERIA | | | | |
|---------------------|--------------------|----|--|--|
| 1 | FRONT VIEW | 5 | | |
| 2 | SECTIONAL TOP VIEW | 17 | | |
| 3 | RIGHT VIEW | 10 | | |
| 4 | CONSTRUCTIONS | 1 | | |
| PENALTIES (-) | | | | |
| TOTAL | 33 | | | |

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