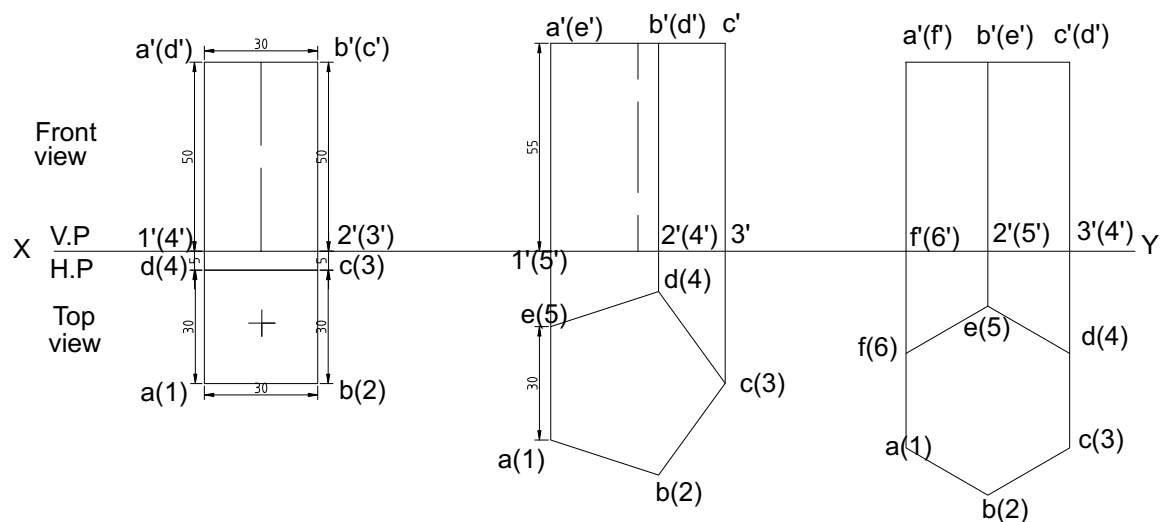1)Draw the projections of a square prism of side of base 30mm andd height 50mm resting with its base on HP such that one of its rectangular faces is perpendicular to VP.The nearest edge parallel to VP is 5mm in front of it.

Front view

X V.P
   H.P Y

Top view

a'(d') 30 b'(c')
50   50

1'(4')   2'(3')
d(4) 5   5 c(3)

30   30

a(1)   30   b(2)

a'(e')   b'(d') c'
55

2'(4') 3'
1'(5')
d(4)
e(5)
c(3)
a(1)
b(2)

a'(f') b'(e') c'(d')

f'(6') 2'(5') 3'(4')
e(5)
f(6)   d(4)
a(1)   c(3)
b(2)

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I B.TECH IT-A	SREC
SHEET No.6	
18.03.2025	
	PROJECTION OF SOLIDS