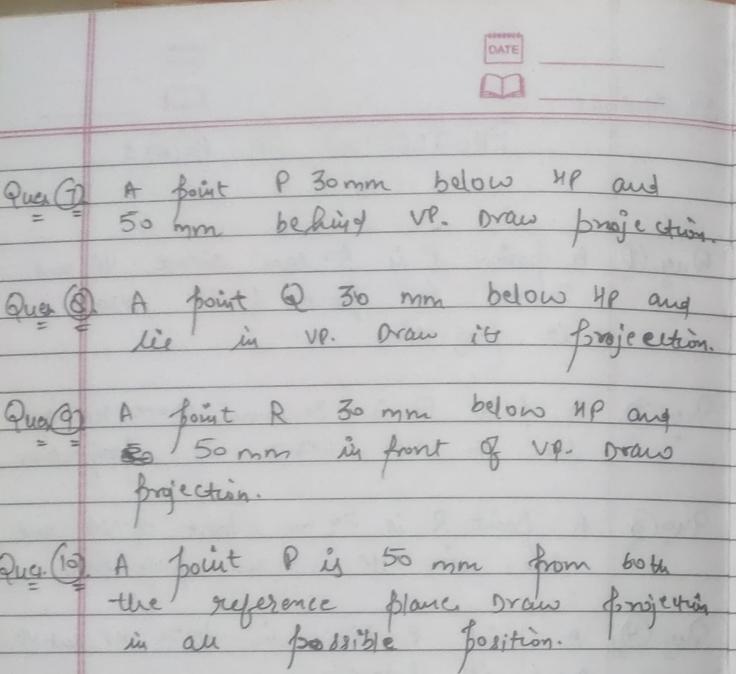
24 Sep 2023 PROJECTION OF POINTS Que, 1. A foint P is 30 mm above 4P and
50 mm in front of VP., draw
its frojection. Ques. (3). A point Q is 30 mm above 40 and lie in UP. Oraw its projection. Ques 3. A foint R is 50 mm front of V-Re and låe in HP Draw projection. Ques. 9. A point P lie in both 4P and VP.

Draw it frojection. Ques (5). A point Q 30 mm obone 40 and lie in 50 mm behind von Draw projection Quo. 6. A point & to mm believe up and lie in 4p, or an its Borricction.



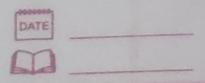
Que (10) A point P is 50 mm from 60 th the reference blanc Draw fingetion.

Qualin State the quadrant in which the following foints are situated!

(i) f its the view is 40 mm above

XY, front view of mm below

the top views

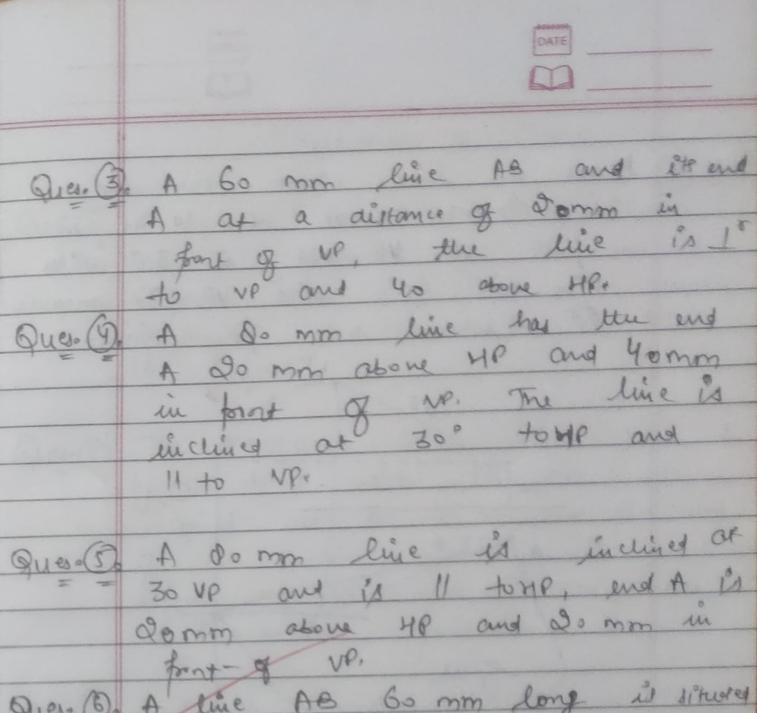


(10 Q its projection com vide with each Other 40 mm helow X-4 A foint P is 15 mm above 4P and 20 mm in front of

VP and 40 mm below 4P

Belief VP and 40 mm below 4P Draw the projection of Pand Q, keeping the distance blu their fried equal to 90 mm.
Draw the straight line joining
their top view and front

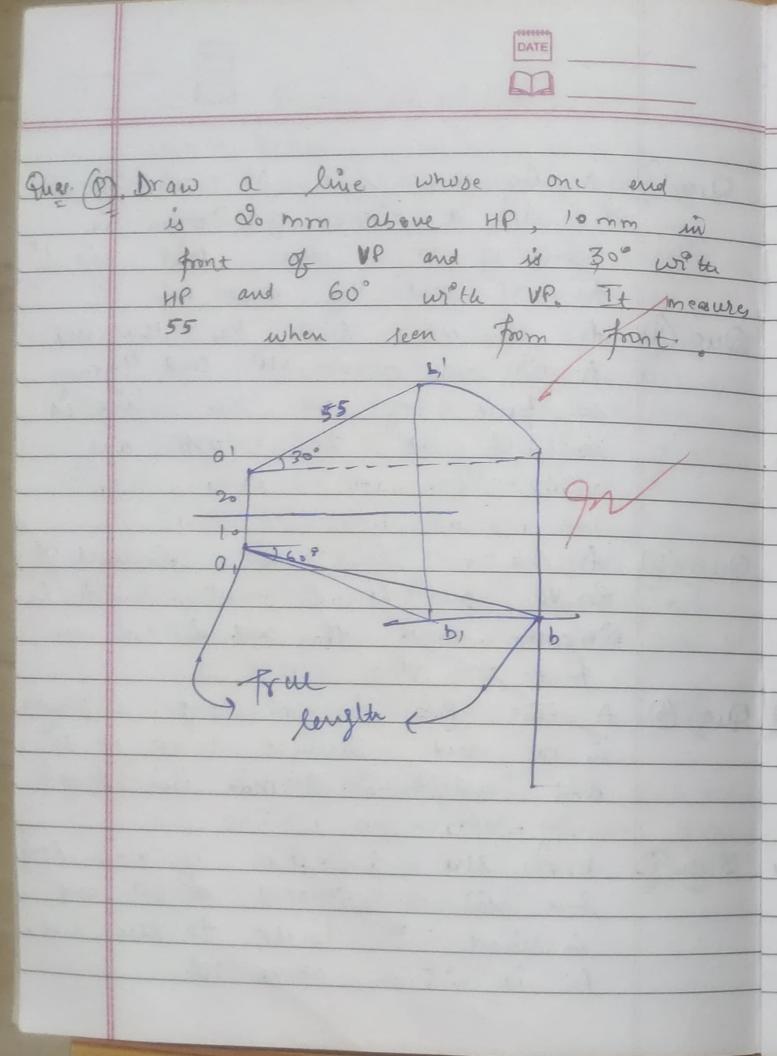
PROJECTION OF UNE Live - Bomm Quy On Drow the projection of line for following cary: line parallel to both 40 and 40.30mm in front of UP and 40 mm above 4p (b) line I to 40 and 11 to VP. Its new end 30 mm above 48, 40 mm in forme g VP. (c) line 18 to UP and 11 to 4P & 30mm above HP and 40mm in front of VP. A live Bo mon included 300 to HP and 11 to VP and it one end 15mm above HP and 35 mm in front & VA (e) line inclined to of 350 and 11 1 to MI. Its one end 15 mm in front god UP and 40 mm above 4P. (B) line situated in both 48 and 49. Ques (2) A 60 mm long line AB, it end A at a distance of 20 mm obove HP and 40 mm in forst of UP Draw the projection

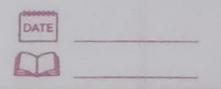


Ques- D. A time AB 60 mm long is situated in the and inclined to VP at 30° and end A is 20 mm in front

Ques. Do Draw the projection of Tomm long line (AB) Thusted on VP and inclined 30° to 4P to the end

A is 25 mm above HP.





Projection of Plane

Ques (1). A square lamina ABCD of 25 mm

ide is forallel to 4P and is

lo mm from it. The edge narrow

to the VP is 10 mm from VP. Draw

it projection.

Ques (2) The rectange ABCO (60x40) mm is

parallel to HP with its one side

inclined at 30° to VP and the end

of the side near to VP is 15 mm

infrant & VP and 30 mm obove

HP, or aw it projection.

Ques. (3) A gregules pentagon ABCDE of 25 mm

side dres to bose BC in 170 its

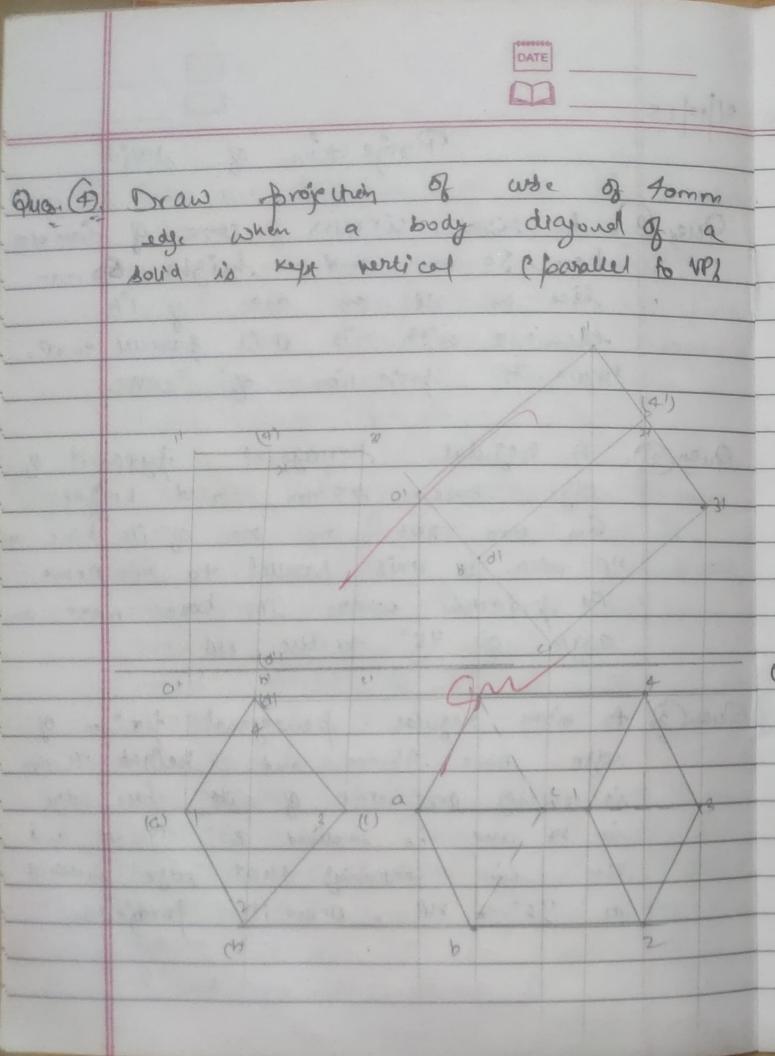
plane is ferry endicular took and
inclined at 45° to VP. Do an with

Aprojection of pentagon

DATE

Ques. (4) Draw the projection of a thin circular sheet of somm and agligible thickness when its plane is indined 450 to ve and berpendicular tool of boing on the circumperence and nearest torp is form away from HP and 14 mm away from in Ques S. A regular honagon lamina Domin side sest of He on one of its side such that it is perpendicular tothe and inclined to up at 30° Draw its projection when the comes wearest to W is 15 mm avery from it Queso 6 A regular bragon ABCOEF & 26 mm side has its plane inclined of 45° to 11 and is diagonal fc parallel to off and inclined to no at 45°, or an forojethen where where it side DE is neasest to ve and 10 mm behind it.

3 10 23 Projection of solids Que. (1). A right circular come of diameter base so mm and height 60 mm lies on 40 on one of 13 elements with i's axis parallel to VP. Draw its projection of come Que (1) A regular honagonal pyramid of edge base 25 mm and height 60 mm gest on one of its base as 48 with its aris parallel to vp. oran anyle of 45° to the MP. Ques. (3) A vight regular pentagonal for ism of edge sore 35 mm and height 75 mm is nesting on one of its have edge in He and is indired 30' to Je and thre line containing that edge indired at 45° to HP . Or and it formoje tron,



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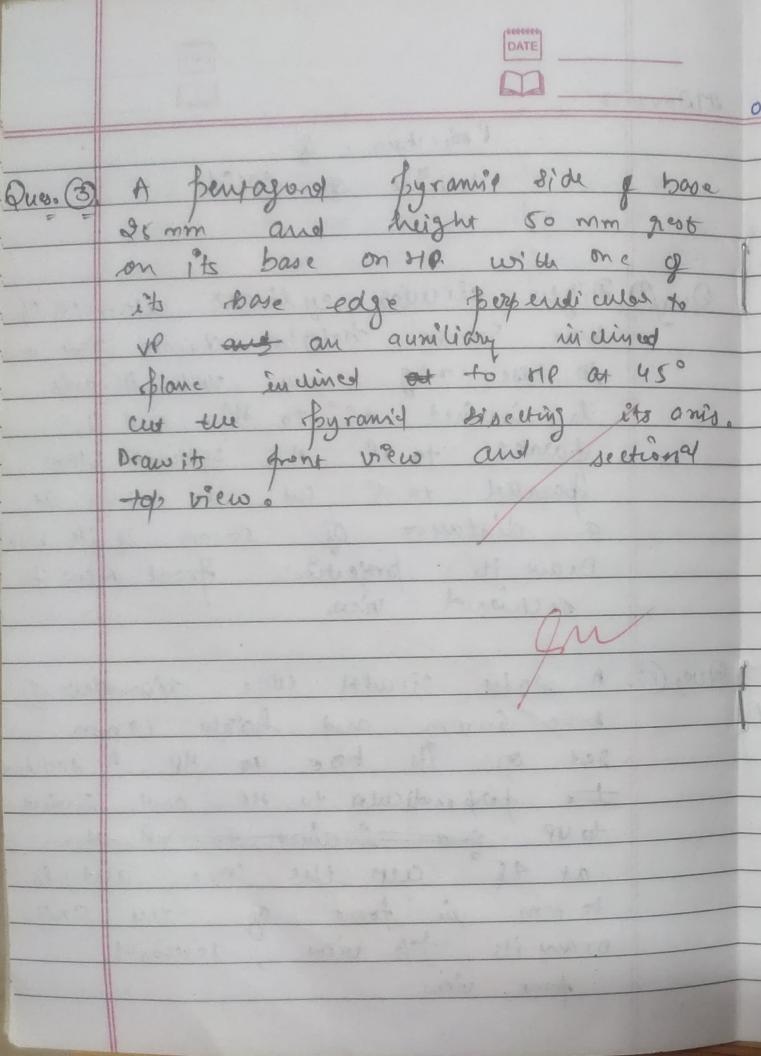
Projection of solids

Qualled Circular cylinder diameter of bore somm height Bomm rest on its base ring such that its onis is faralled to ve. A sectional plane faralled to MR cut the anis at a distance of somm of its bore or section of its bore of section of its bore of section of its bore of section of view of

Ques. (2) A sight circular come diameter of bose 60 mm and height 10 mm

set on its bose on 40. A sectioned to 40 and indimed to 40 at a 45° cuts the come and is bomm in front of the area.

bomm in front of the area.



05 Dec 2023

Development of Sugare.

Oug. (1). A right circular core diameter of
bose tomm and height some rest on
less have on HP: A rection plane
In to VP and inclined to the at

45° cuts the cone bisecting
its axis. Draw the projection of
truncated come and develop its lateral
surface.

Ques. D. A right regular square brism

of 30mm base edge and 60 mm

height rest on its base on HP such

that its verticel to be faces one
equally inclined to VP. It has
a horizontal circular come of 30mm

diameter d'ills & centrally through

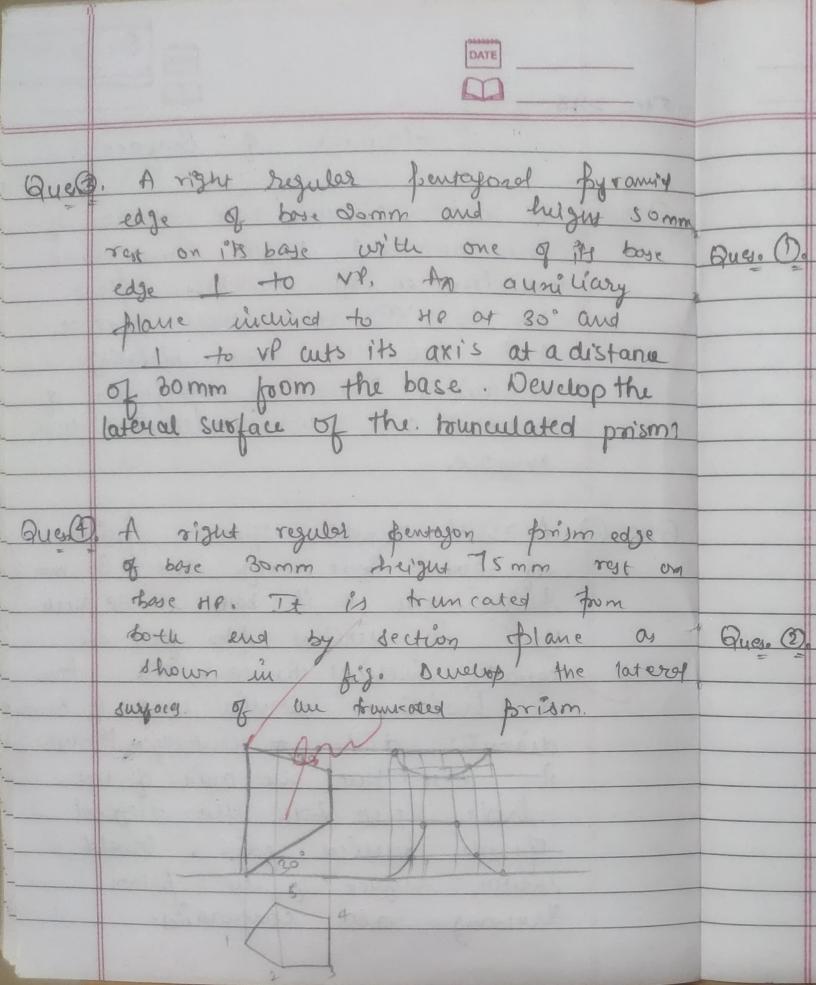
ilt such that the aris of the

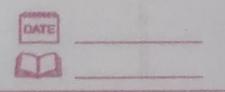
hole cuts both the diagonal

opisite vertical edger. Develop

lateral surface of the Brism

Showing all compatibing.

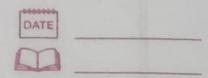




Scale Ques. D. Contruct a plane scale of 1 cm equals to 8 d. 5 km, to read Kmy and hectometres and long enough to messure upto 9 km. find its RF and mesure a distance of 6km and 4 heutimers on this ecole RF, Representative factor = 1 x9x1000x100 0.5x 1020x100 Ques. 160 x100 cm sepresus ares q Boso km² comptruit aligned 1 call to mesure bek, hectometer, decameter , find its RF and indicate on this 8 cole a distance of 6 km, 5 heyametry. 7 decamiter Area = 160×100 = 160 00

10m² - 8000 = 0.5 Km

16000 cm2 = 8000 Km2



Ques. 3	Reprosent 2.39 on vernier scale un'th RF 1 to mesure max.
	25
- 2	distance of 4 m.
74.74	
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