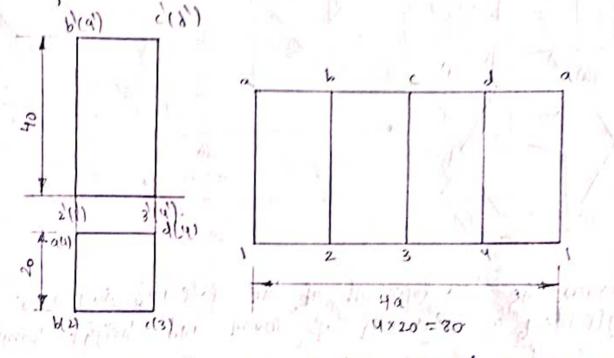
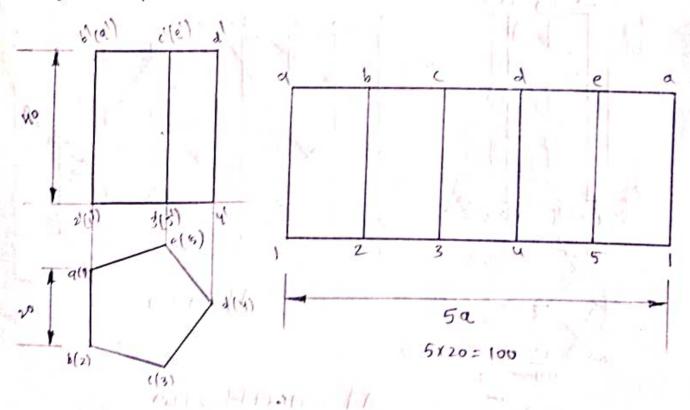
5. Development of Surfaces.

pevelopment of swifaces means unstalling so unfolding of all swifaces of the object on a place.

O(9). Doyaw the development of the foting of sundace of a square parism of side of base somm and height 40mm.

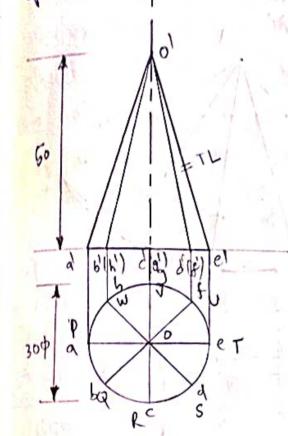


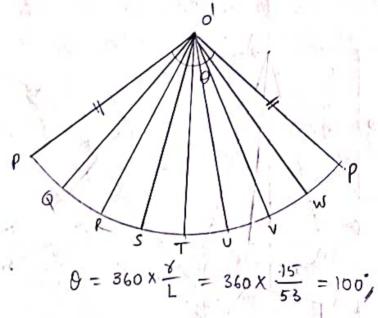
6) by aw the development of the lateral surfaces of a pentagonal parson of side of base 20mm and herght 40mm.



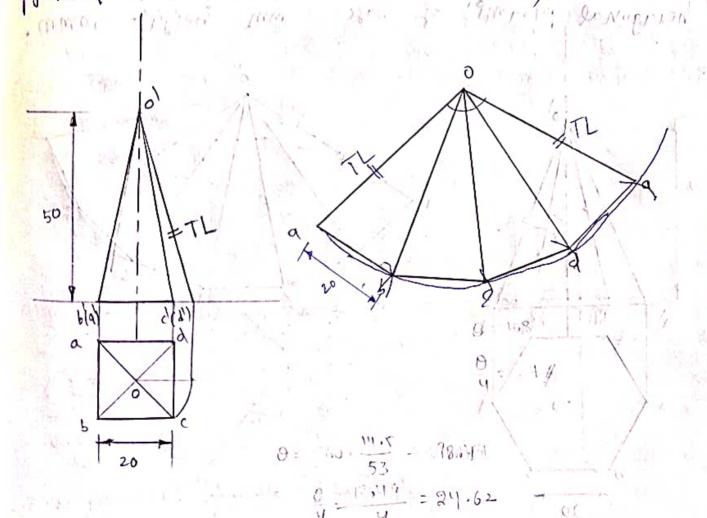
(c) Doraw the development of the lateral surfaces of a hexagonal posism of side of base 20mm and height your 1 190 917 the 11171818 a) b(s) (6) 40 1 sintia.t. A. 10 7032 E(e) (1/6) 1/(k) 14 60 4(4) 9(1) 6x20=120 (d) Dagow the development of the lateral surfaces of cylender of drameter of somm and herght somm. rate of the development of the stept of our west of The and the less of the lost of the less o 50 2(8) 3(9) 4(8) 5 79 = X X30 e(5) 9(1) d(41 C(3) Td = 94.2477 ≈94.4 300

of a base, diametra somm and height somm.

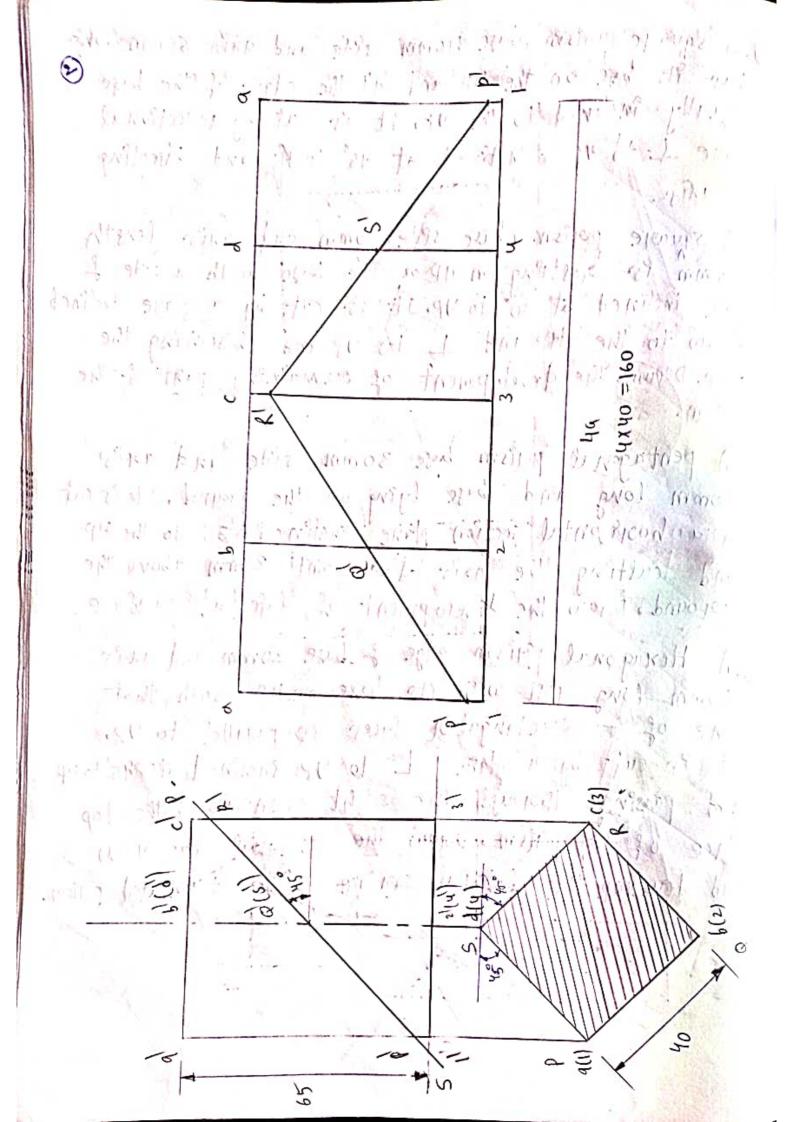




gramid of base 20mm and 50mm. (height)



- has 9th base on the IIP and all the edges of the base equally suchined to the UP. It is cut by a sectional plane -1. to UP , suchered at 45° to HP and bisecting the asserting
- 3. A square poisson, base side somm and axis length 60 mm is destrong on HP on its base with a wide of base inclined at 30° to UP. It is cut by a plane inclined at 46° to the HP and I to UP and bisecting the exist. Donow the development of scemaining point of the pairson.
- O. A pentagonal poilson base somm side and axis form long and base lying on the ground. It is cut by a hogisontal section plane inclined at 30° to the HP and cutting the axis at a point 25mm above the golound. Dagon the development of lateral al surface.
- 5. A Heragonal posism edge of base 20mm and axis 50mm long rest with its base on HP, such that one of its dectangular faces is posselled to UP. It is cut by a plane I to UP inclined at 45 to HP and passing thorough the oright country of the top lace of the posism. Draw the sectional top view and develop the lateral swiface of the torquected posism.



By resting on its base on HP. It is cut by section plane I to VP and inclined at 45° to HP. The sertice plane is passing through the top end of an extraction generator of the cylinder. Draw the development of lateral surface of the cut cylinder.

and bottom facer one clocker of 60mm deameter and the destance blu them when measured along the

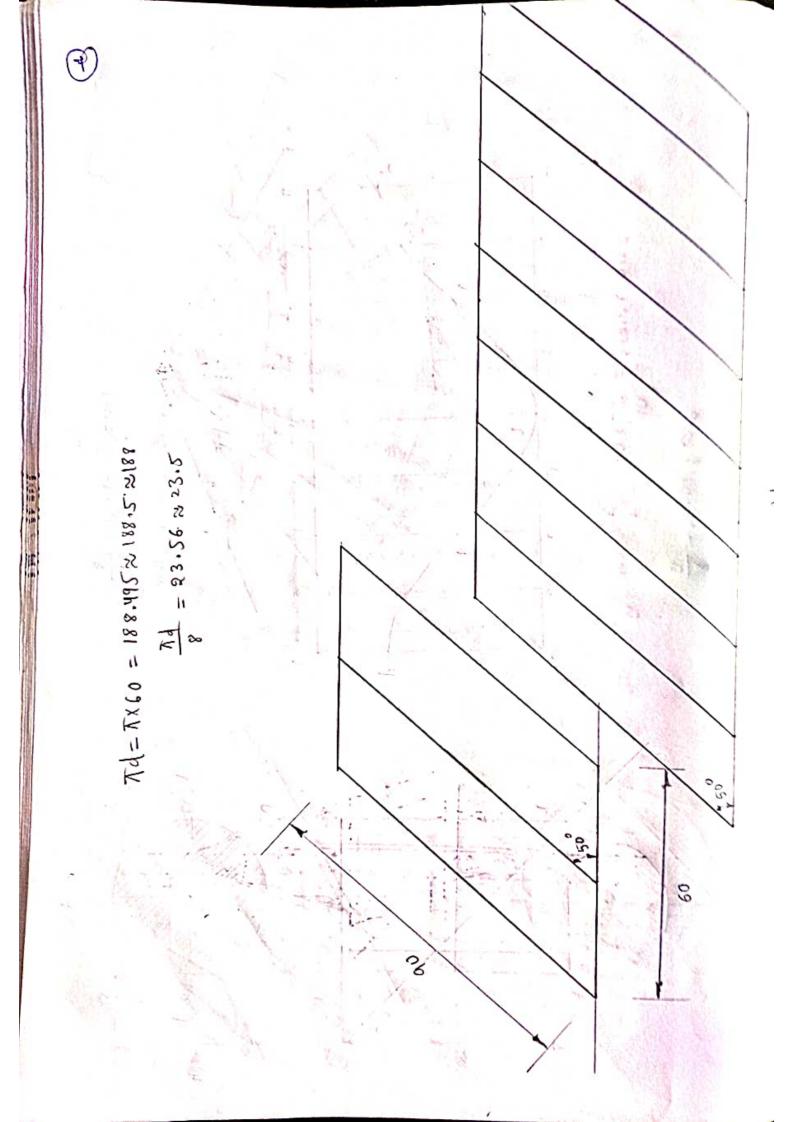
वमारि रिज 90mm.

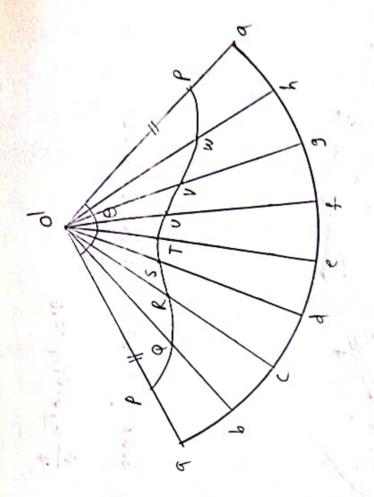
(8). A cone of diameter Homm base and 60mm long of restring on its base on HP. It by cut by section place to UP and inclined at 45° to HP. The section place is passing through the wild point of the axis. Day the development of the lateral surface of the cut cone

a) A cone of base 50mm diameter and helph + 65 mm and with 1th base on HP. A section plane I to UP and inclined at 30 to HP bysects the anis of the cone. Distribe development of the lateral surface of the truncation one?

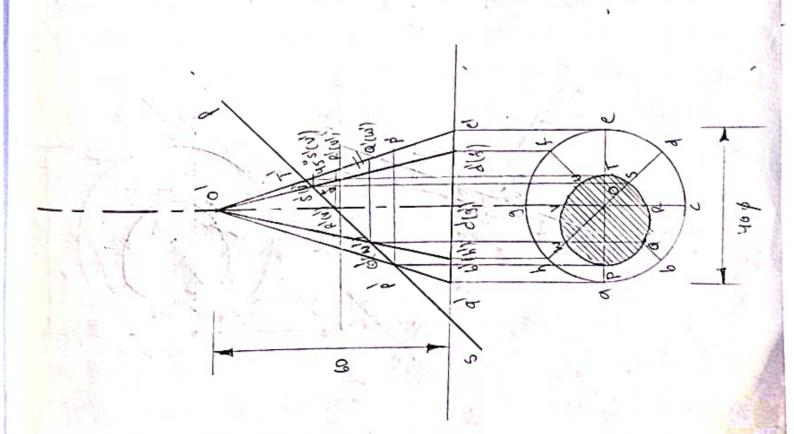
⁻ Base & Parallel To cut 3 - Frustrum

Base & inclined To cut 3 - Truncated





 $\theta = 360 \times \frac{2}{L} = 360 \times \frac{20}{64} = 112^{\circ}$ L = TL = Take beryth. $\frac{\theta}{\theta} = \frac{112}{112} = 14^{\circ}.$



A square pyramid base 35mm side, axis tomm long great on its base on Hp such that two adjacent states of the base age equally inclined to UP. It is sectional by a plane I to UP inclined at 30 to HP. and passing theyough the mid point of the axis. Deraw the sectional top view and develop the lateral swiface of the tornacted pyramid.

(1) A square pyramid base 30 mm side and axis 50mm long is over the base on HP with an edge

of the cut pyramid.

(1) A pentagonal pyramid, base 30mm side and aniso
60mm long overt on its base on HP. such that
two adjacent efter of the base are equally
and perpendecular to VP. It Pr sectioned by a plane
I to VP inclined at 30 to HP. and passing through
the mid point of the axis. Draw the sectional top
view and develop the lateral runslane of the
topyneated pyramid.

(3) A Hexagonal pyramid base 30mm side and anish somm long is restling on its base on HP with an edge of base payallel to UP. It is cut by a section plane I to UP and inclined at 30 kms to HP. The section plane is passing through the mile point of the axis, Dagon the development of the lateral surface of the cut pyramid.

The thing there spece must still stocked to . Pall Ame all the May all the A. 10) 100 There ala stry so 30 day of I skel a go poker Ash all yand of the way section of gent of will son appropriet of the soll WHO I THE more of this is a some 110 pritate of 12 19 of left 19 19 19 19 91 V forther to all of DAY. 11 +17 Budge Wary 18 1 - DAVID NOT Driver Age Daylor the tenet paper 0 The first of the first of the first state of the -4-11 por 414 116 211 11 11 11 110 - 1510 6101 11110 adjuste with sider of the last and THENERAL FOR TO UP. It is sectioned in a Links - to Us incline of so to 11. 18 presist land 9 + Constanz spe word . 9-1 KM Just go 14509 1590 51for Alia it to mil 17:00 11. 6 Mil. 11 -8/14 911 or to faily the out along it willing the we he would the Admin 1 1 1 0 St 36

