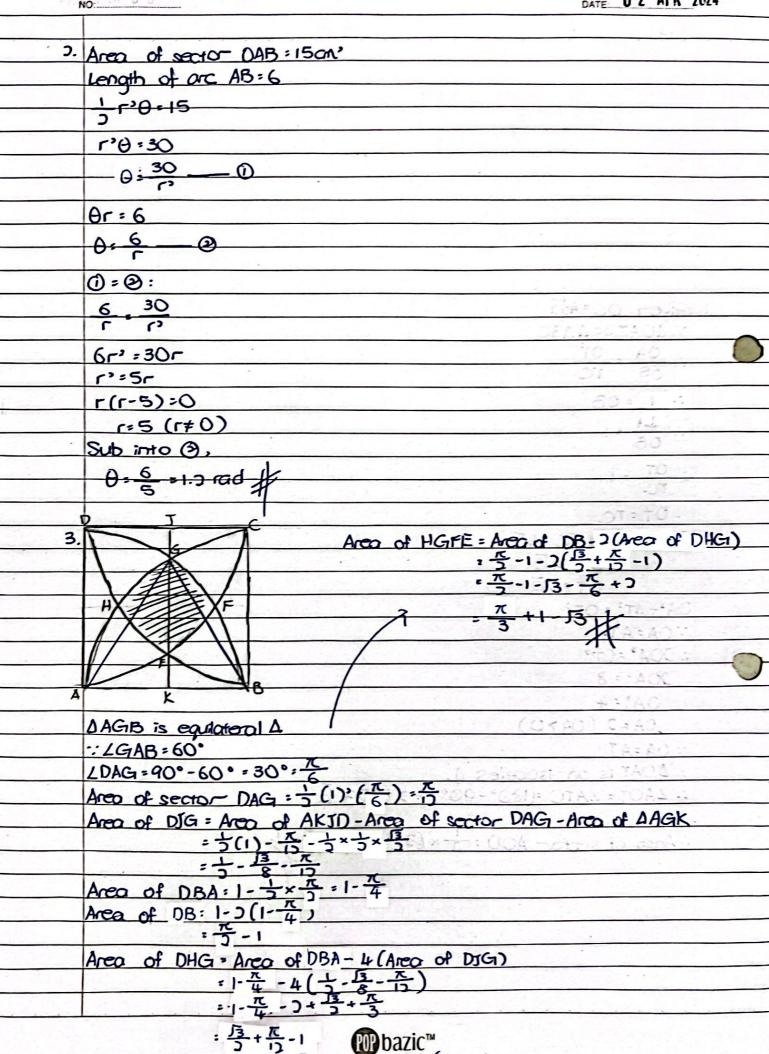
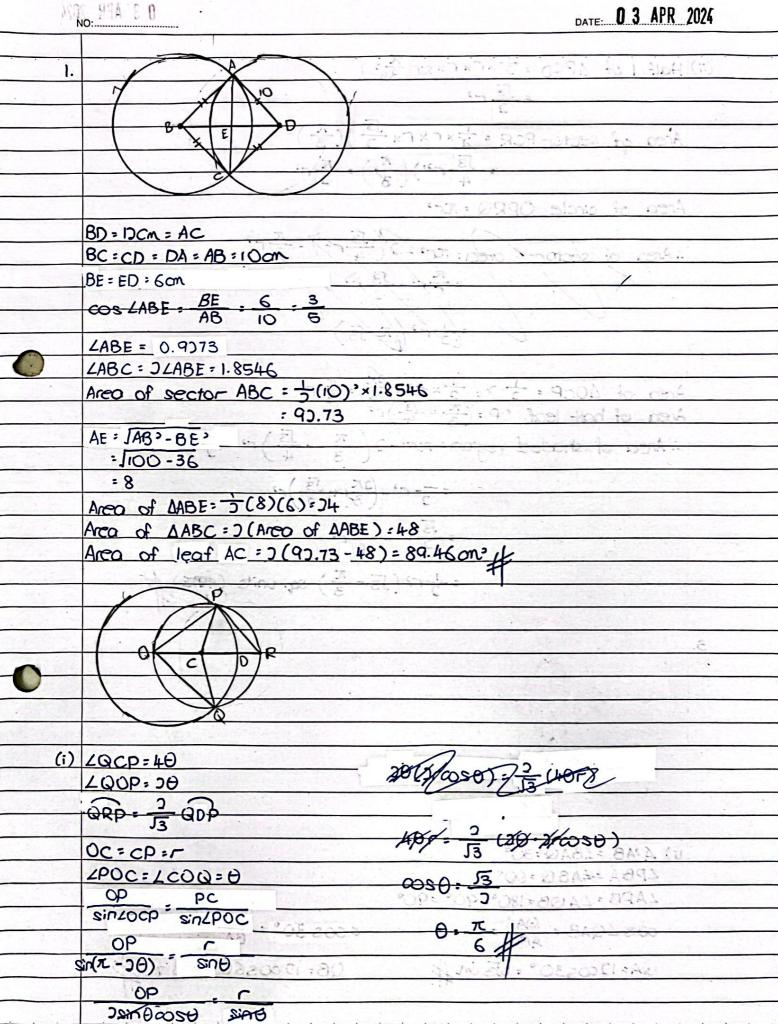
0.2 APR.ox	DATE: 0 2 APR 2024
6.5	
	Mali Sal Tarry la Aria (C.
	Lendh of ut A5 (C
\A 4	3
05-4-5	C
	11:4.4
1	i as IA
\	
	0:70
	9-2-3-
	9.9
1. Given OC = 455	
·· DOAT CO AOBC	
. OA OT	not sind
AB TC	75:57
: OA = OB	O: (8-1)11
	(0 m) 3 m
OA SI	S) and diff
TC = 1	The state of the s
OT : TC	
OC: OT+TC:45	44 - Cog A - 1972 - 1988
20T: 45	
C+ OT = 25	
DA'+AT' = OT'	
· OA: AT	
: DOA' = OT'	
OA) - 1	
OA': 4	
OA : O (OA > O)	A A G B could be Later to the Could be a cou
-: OA = AT	102 · 84 · 21 · ·
:. DOAT is on isoceles A.	400 - 400 - 400 - 400 - 604 - 604 CTT
:. ZAOT = ZATO = (180° - 90°) ÷	2 - 45 · 1 4
SHAA to MARKE AND SCHOOL TO	rend - OTTAL AL CONA : AND IN CONA
: Area of sector AOD : T × &	TO X TO SHOW A CONTRACTOR
	and the second
	\$-1. \$-1 LIARD TO CONA
	(3-1)c:1:80 4, AA
s of Bright	Area of DHG *Area of DB-1+(Area





NO. MA. C. L.	DATE: U 3 AFR 2024
(ii) Area of APCO = 5 × (× c× sn (2)	<u>x</u>
	3 /
دم وَ ع	
Area of sector POW = > (4r'cos	· [](X)
- \frac{1}{2}(3r^2)\frac{7}{3}	3) 2 5
Area of circle OPRQ : Tr'	
ALCO OF CHEIR OPROLICE	26-150-09
:: Area of shaded area: Tr3-7	(1) - 7
The state of the s	The state of the s
1 / 2/ /	3/
	1 OA OA ASA
	(53)
	Y HO LESS TO SELECT
Area of sector OCP = 3xr3x	SK K C
Area of half leaf $OP : (\frac{\pi}{3} - \frac{13}{4})$	C3 16 1 JUN 301338 10 13 14
: Area of shaded region: Ter?	3 4) 5 3
π.,	2π · [3
-2-	3 HC2(1856 - 365) 6 18 0914
	ACC OF VARIOUS (NEW OF COLD)
Lister And All Company	Aren JU AC : AC : OC 49 ABS
- 1>(E T) as with Committee
-51-(-	13 - 3) sq. units (7970E)
3.	
100	
A 260° X8°	
A 600 18	
A 600 18	A = 0007 (:
A (00) (1) (1) (1) (1) (1) (1) (1) (1) (1) (90 - 90 7 24 - 90 07 (:
120m El 1000 (15) El	60 - 20 00 (1) 61 - 90 00 (1)
A (1) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	1) 2000 = 40 24 = 9000 = 10 24 = 9000 = 10 25 = 3 = 10
A (1) (1) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	1) LOCP: 40 LOC: 00 : 00 C: CP: 6
120m E 0 200	2000 = 200 =
(i) ZPAB = ZBAQ = 30°	2) 2020:45 24:02.05 24:02:06 20:02:06 20:00:16:06 20:00:16:06 20:00:16:06 20:00:16:06 20:00:16:06 20:00:16:06 20:00:
(j) ∠PAB = ∠BAQ = 30° ∠PBA = ∠ABQ = 60° ∠APB = ∠A QB = 180° - 90° = 90°	00000000000000000000000000000000000000
(j) LPAB = LBAQ = 30° LPBA = LABQ = 60° LAPB = LA QB = 180° - 90° = 90° COS LQAB = QA AB	64:9702 (: 90:90 1 90:00 1
(j) \(\text{PAB} = \text{LBAQ} = 30^\circ \text{LPBA} = \text{LABQ} = 60^\circ \text{LAPB} = \text{LAQB} = 180^\circ = 90^\circ \text{COS} \(\text{LQAB} = \text{AB} \)	00000000000000000000000000000000000000
(j) \(\text{PAB} = \(\text{LBAQ} = \text{30}^\circ\) \(\text{LPBA} = \(\text{LABQ} = \text{60}^\circ\) \(\text{LAPB} = \(\text{LAQB} = \text{180}^\circ\) \(\text{LAPB} = \(\text{LAQB} = \text{180}^\circ\)	(90 - 100 -

1	(ii) Area of DAQP = - ×(6/3)' × SINGO = 27/3
	Area of sector AQP: 5 × (653) × = 18 12
	Area of left half leaf PQ: 27/2-27/3-

Area of DOBP : 5 (6) x sin 120; = 913 Area of sector OBP= \$ (6)" x 3 = 17 R

Area of left holf leaf PQ: 1712-953 Area of shaded region: 12x-913+18x-2713 = 30元 - 36月3 (厚近) 分

-: BE = BC = radius of circle = 1 = EC

- ΔEBC is and equilateral Δ.

: LEBC = LBCE = LBEC = 60°

LABE = 90°-60° = 30°

Area of sector ABE: $\frac{1}{5}(1)^3(\frac{\pi}{6})^3 = \frac{\pi}{12}$ Area of ABE: $\frac{1}{5}(\frac{1}{5})(\frac{13}{5}) = \frac{13}{8}$ Area of AEF: $\frac{1}{5} - \frac{13}{5} = \frac{13}{8}$ Area of sector ABC: $\frac{1}{5}(1)^3(\frac{\pi}{5}) = \frac{\pi}{4}$; Area of sector BCD

Area of wierd shope $\frac{1}{4}(\frac{1}{5}) = \frac{\pi}{4} = \frac{13}{4}$

Area of leaf BE: $\frac{\pi}{19} - \frac{\sqrt{3}}{4} + \frac{\pi}{17}$

Area of ABEC: 1×1× 5 = 13

.: Area of shaded region: 5 + 2 (7 5 4)

3 4 units 2