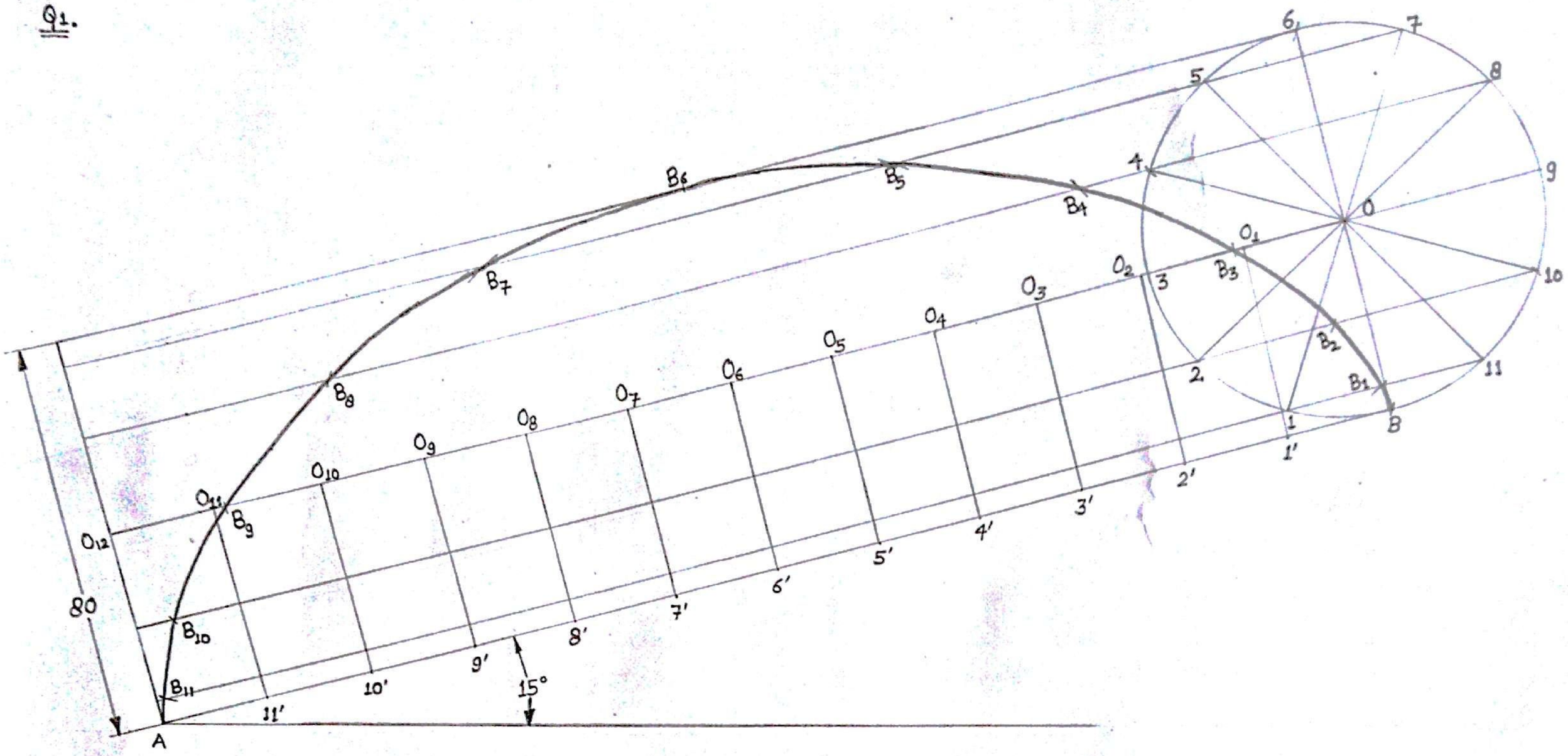
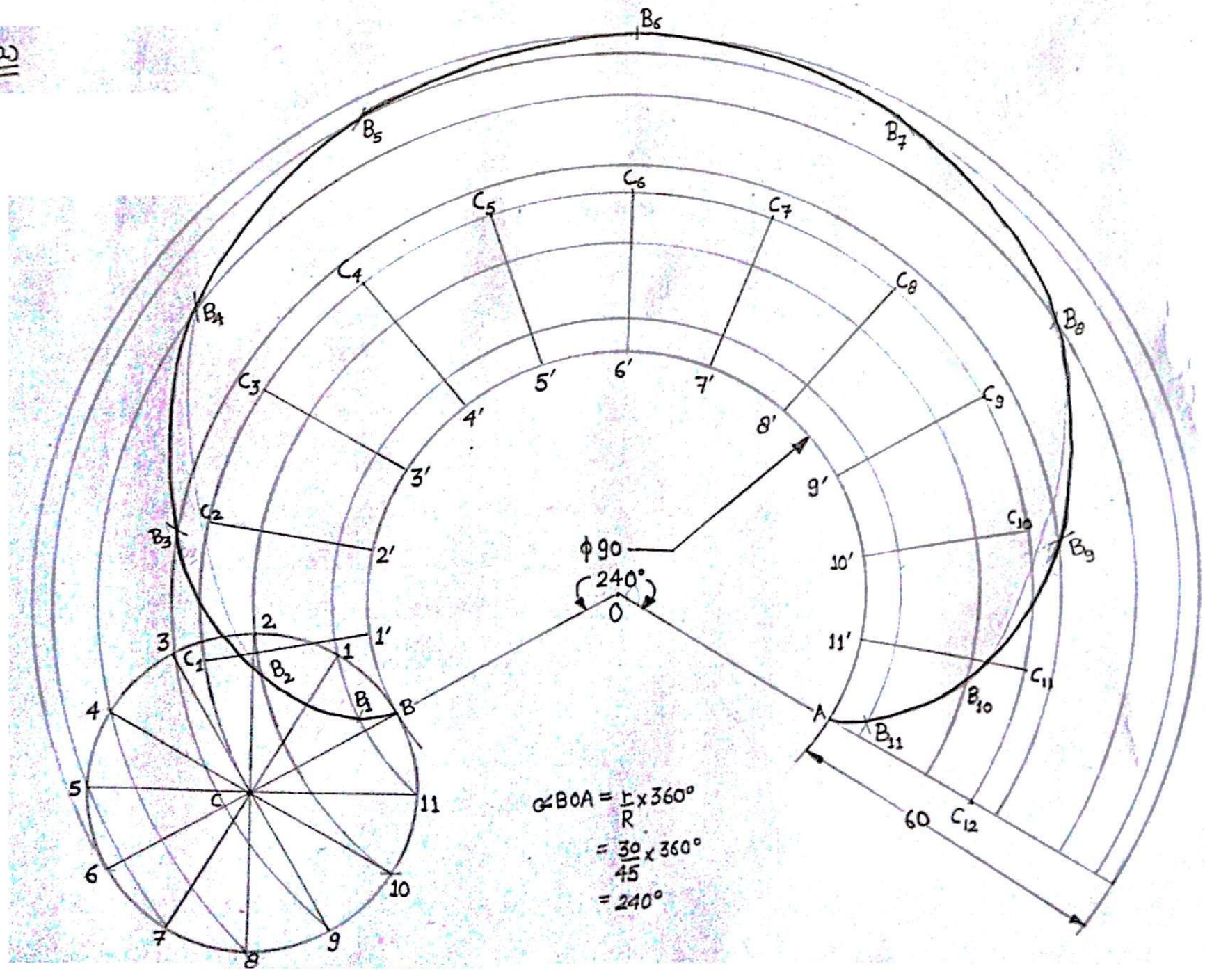
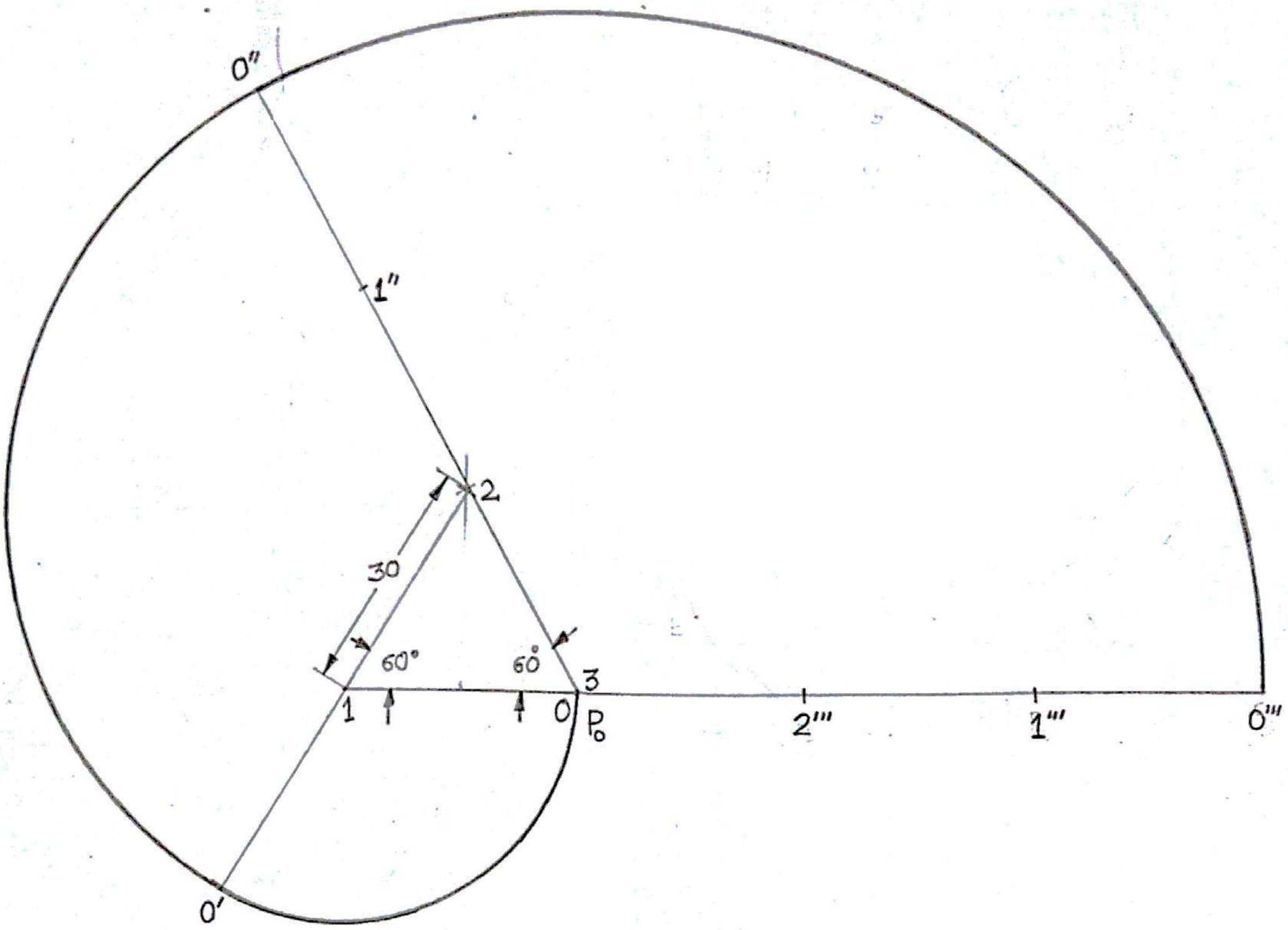
Q1.


B6
B5
B4
B7
B8
B9
B10
B11
B3
B2
B1
O
O1
O2
O3
O4
O5
O6
O7
O8
O9
O10
O11
O12
1
2
3
4
5
6
7
8
9
10
11
1'
2'
3'
4'
5'
6'
7'
8'
9'
10'
11'
B
A
80
15°

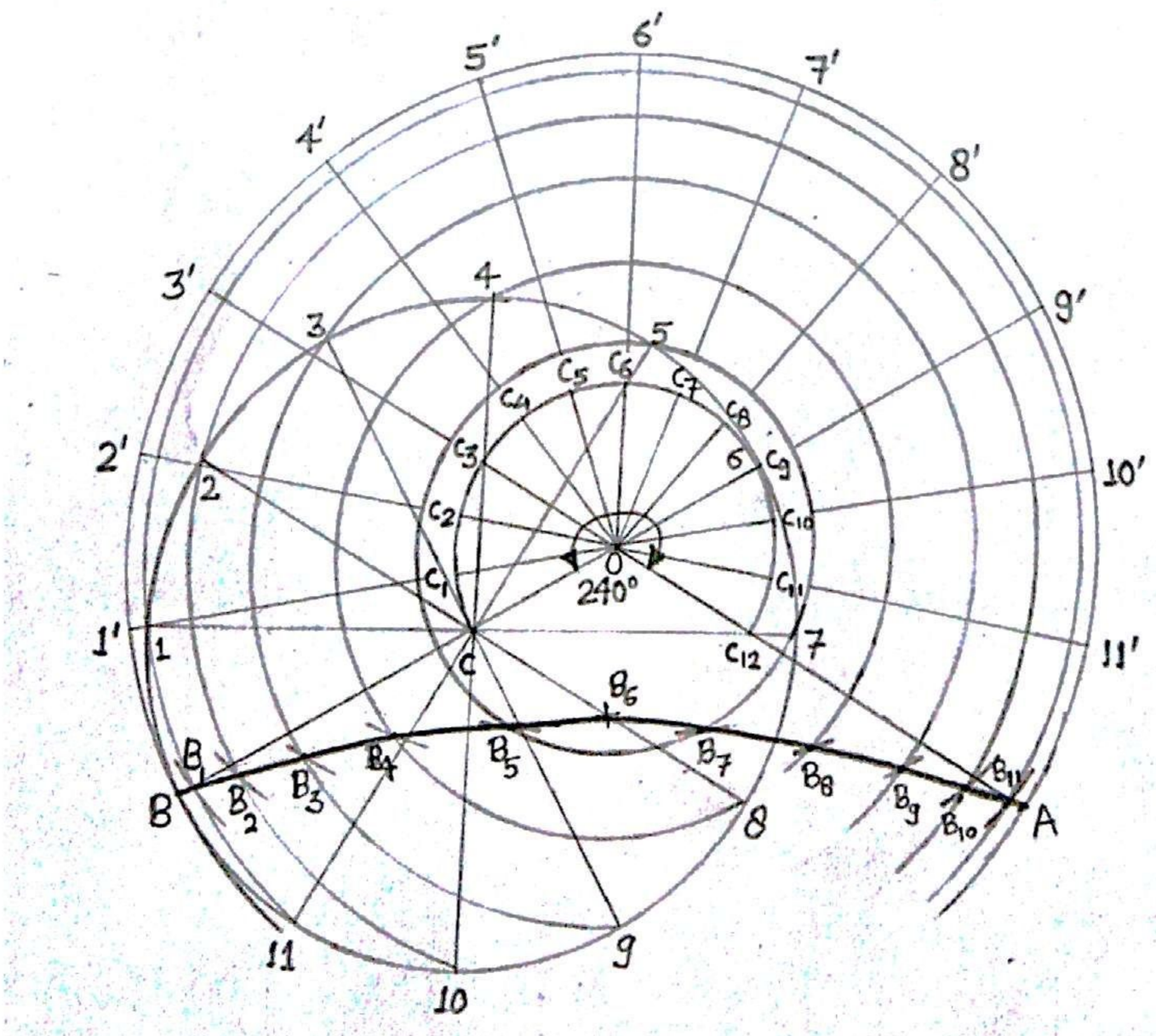
Q2. (a)


B6
B5
B7
B4
B8
B9
B3
B2
B1
B10
B11
C6
C5
C7
C4
C8
C3
C9
C2
C10
C1
C11
C12
1'
2'
3'
4'
5'
6'
7'
8'
9'
10'
11'
1
2
3
4
5
6
7
8
9
10
11
B
A
O
φ 90
240°
60
∠BOA = r/R x 360°
= 30/45 x 360°
= 240°

Q3.(b)



Q2.(b)

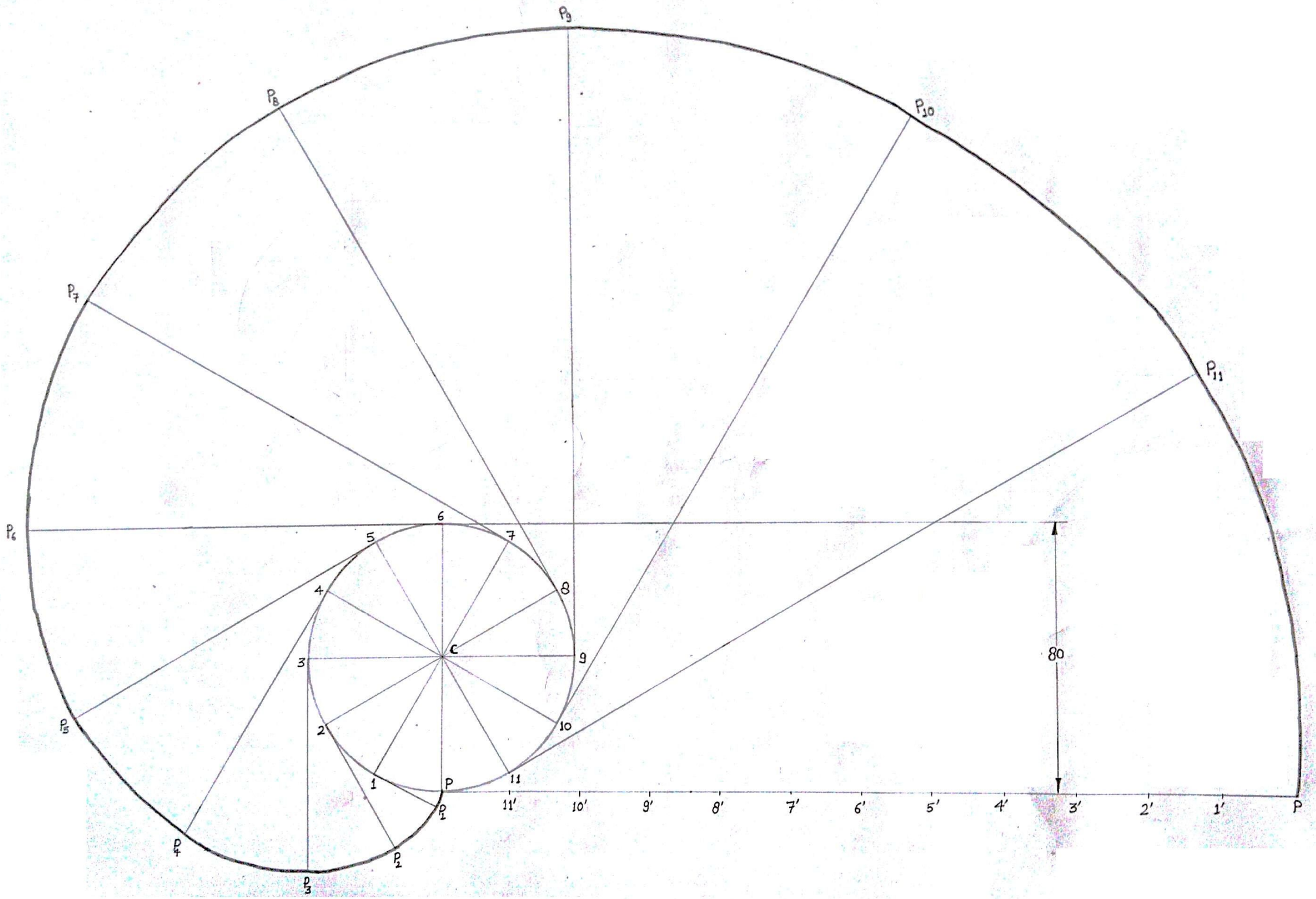


$\angle BOA = \frac{r}{R} \times 360°$

$= \frac{30}{45} \times 360°$

$= 240°$

Q3 (a)


P9
P8
P10
P7
P11
P6
P5
P4
P3
P2
P1
P
C
1
2
3
4
5
6
7
8
9
10
11
80
11'
10'
9'
8'
7'
6'
5'
4'
3'
2'
1'
P