

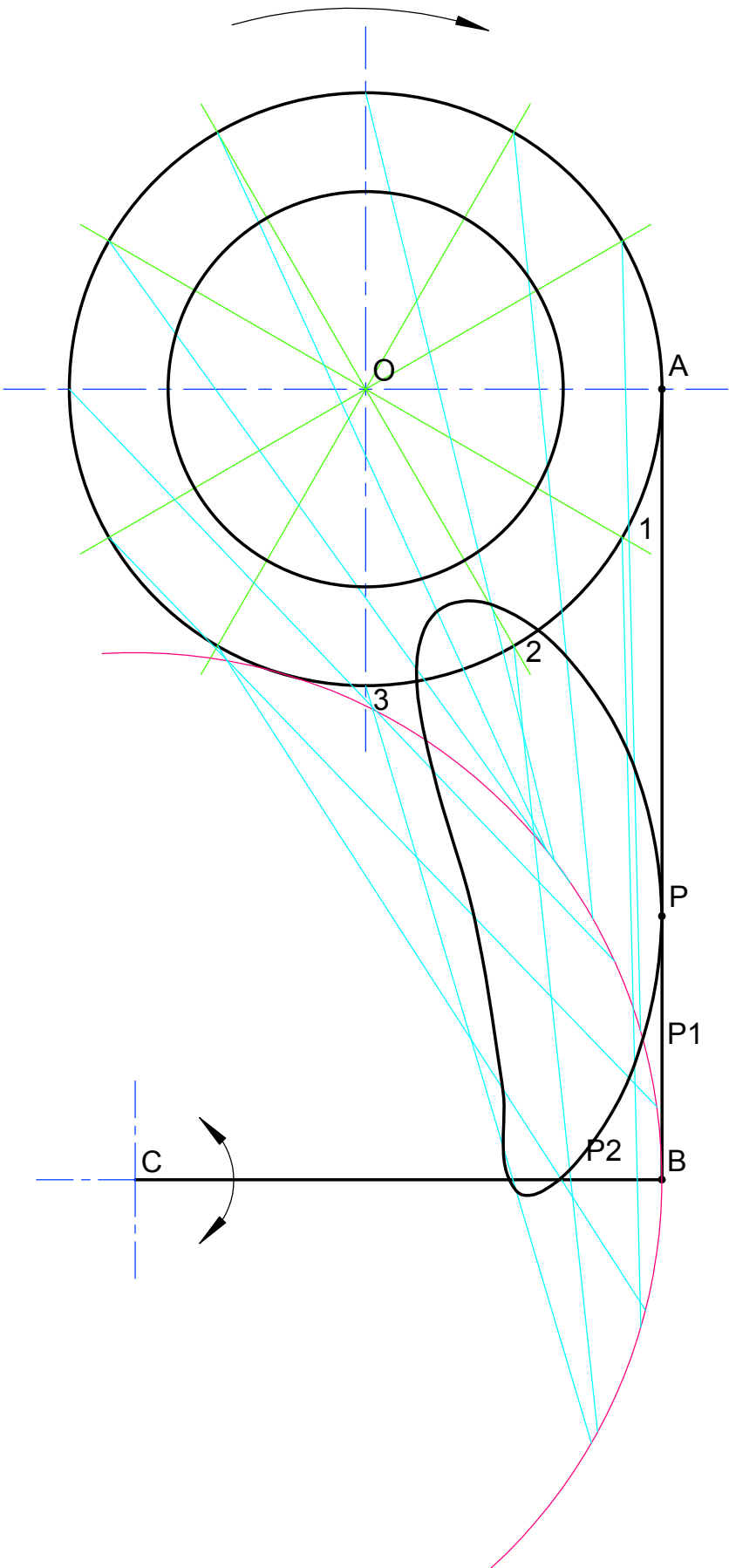
QUESTION 2b

LOCI
MECHANISM

The given figure shows a wheel, rotating around the centre O, with a **rod** PB attached to it at point A. The end of the rod (B) is attached to a **second rod** that is free to move around its anchor point C. BC rocks back and forth as the wheel rotates. Construct and draw the locus of **point P** if:

- The direction of rotation is **clockwise**.

Show all **constructions** and indicate the **direction** correctly.



ASSESSMENT CRITERIA		
<input checked="" type="checkbox"/>	Setup	5
<input checked="" type="checkbox"/>	Plot Points	11
<input checked="" type="checkbox"/>	Direction	1
<input checked="" type="checkbox"/>	Locus	3

SET	5	
PTS	11	
DIR	1	
LOC	3	

20 MARKS

EXAMINATION NUMBER

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