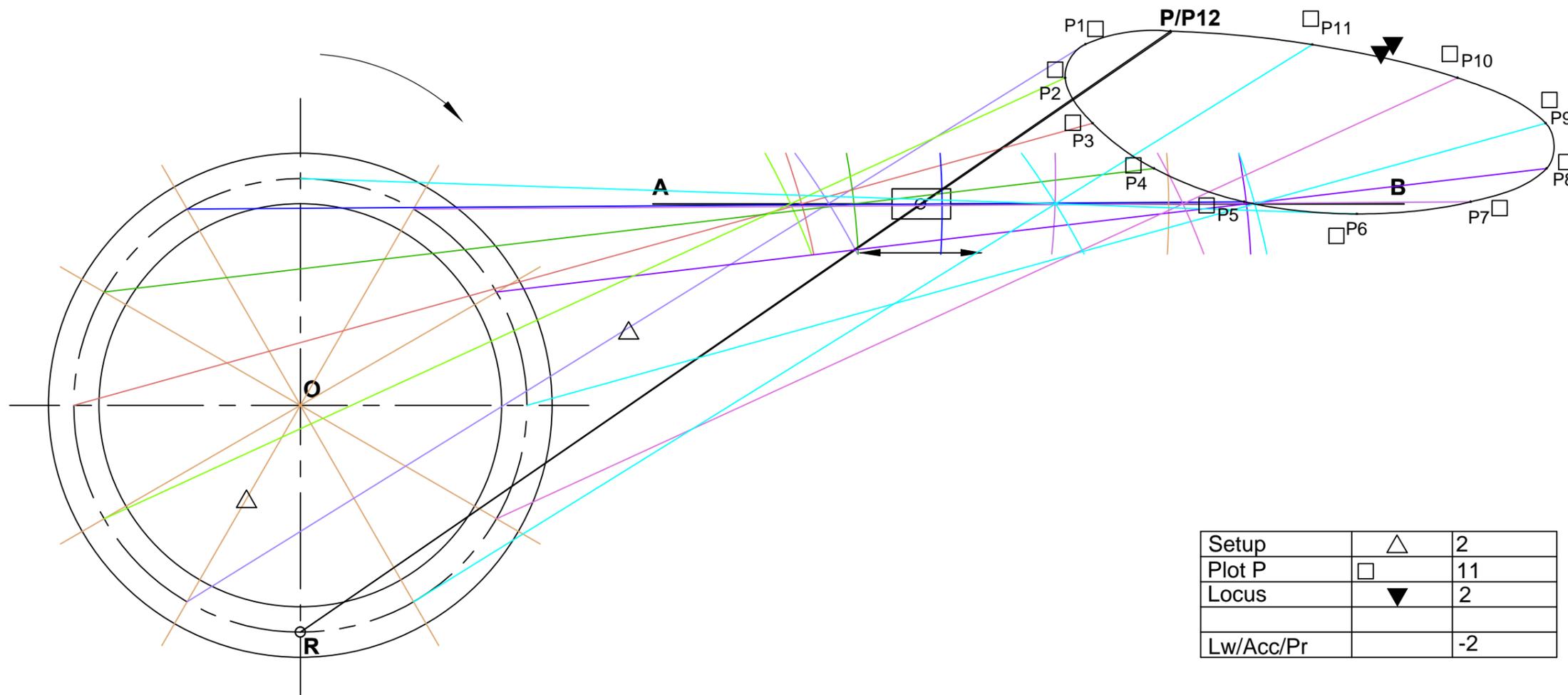


QUESTION 2b

LOCI MECHANISM

The given figure shows a wheel, rotating around the centre O, with a **rod** attached to it at point R. The other end of the rod is attached to a **sliding mechanism** that can only move in the horizontal plane between point A and B. Construct and draw the locus of **point P** for one full rotation.

- The direction of rotation is **clockwise**.
- Show all **constructions**.



**ASSESSMENT CRITERIA**

• Set-up	2
• Plot Points	11
• Locus	2
• LW / ACC / PRE	-2

SET	
PTS	
LOC	
L/N/P	

15 MARKS

EXAMINATION NUMBER

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ANSWER SHEET 2b