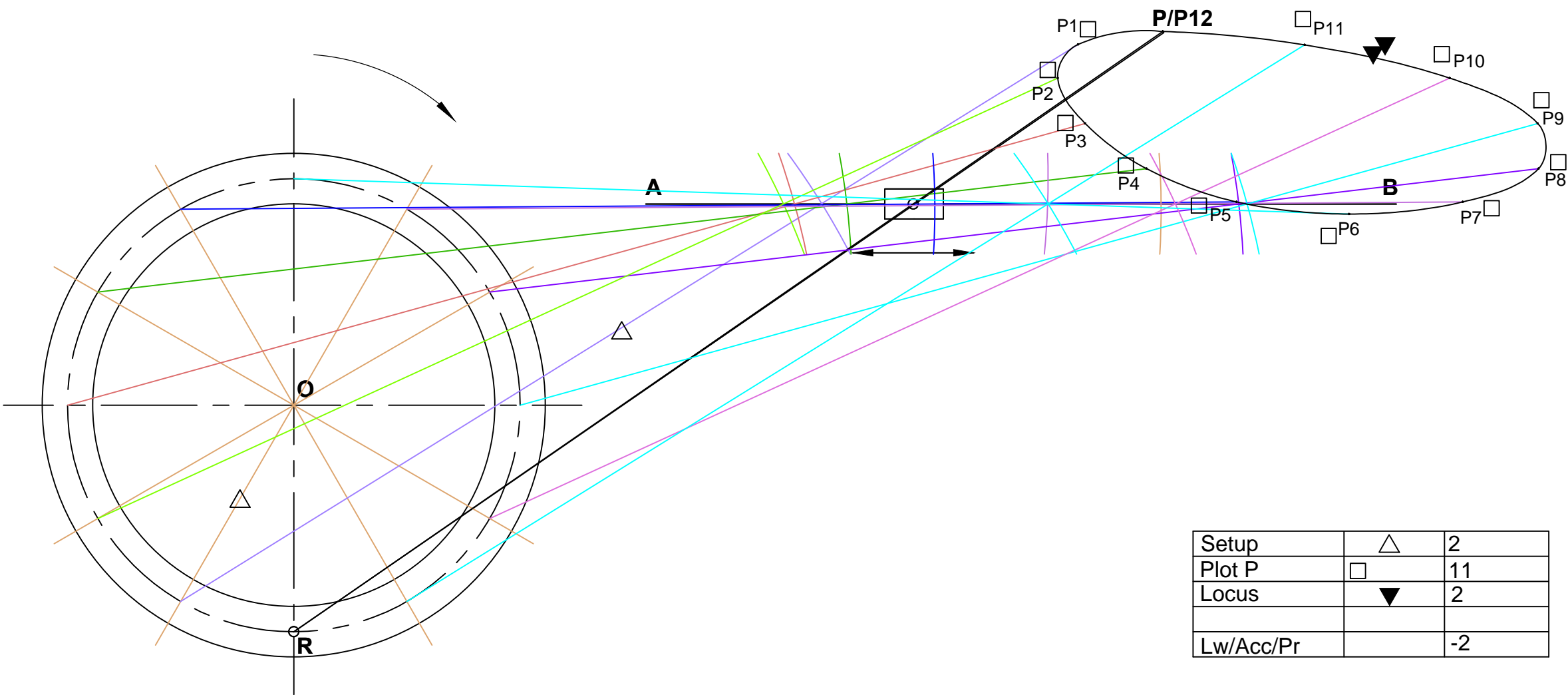


QUESTION 2b

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**.



Setup	△	2
Plot P	□	11
Locus	▼	2
Lw/Acc/Pr		-2

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

SET	
PTS	
LOC	
L/N/P	

15 MARKS

EXAMINATION NUMBER

--	--	--	--	--	--	--	--	--	--	--	--

ANSWER SHEET 2b