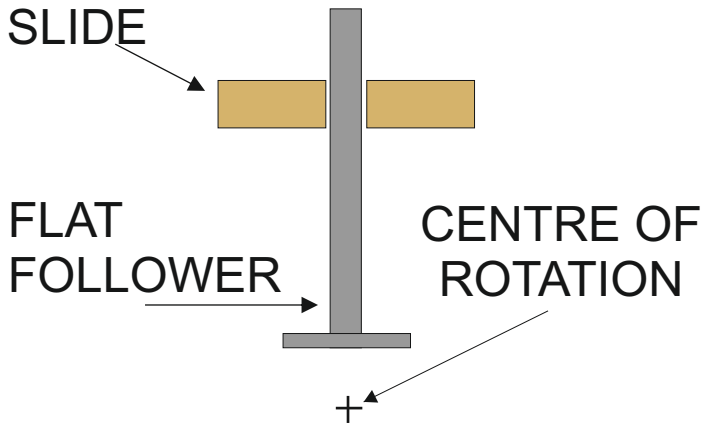


EXAMINATION QUESTIONS - ECCENTRIC CAMS

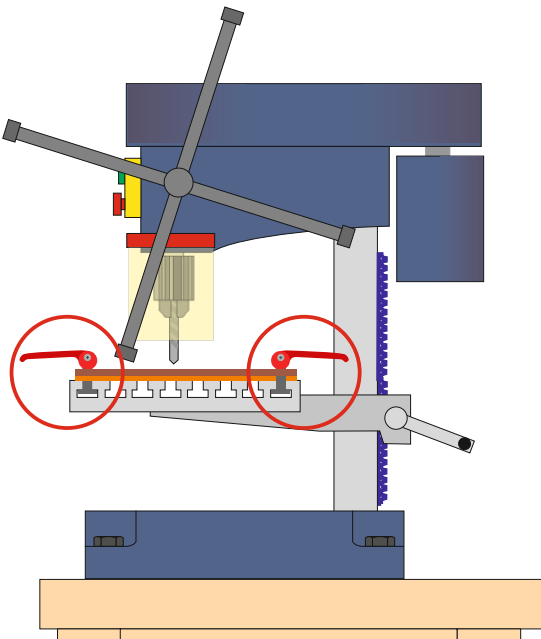
HELPFUL LINK: <https://technologystudent.com/cams/cam10.htm>



1. Complete the diagram shown opposite by adding a cam that has an eccentric profile. **2 marks**

2. Describe the motion of the follower when an eccentric cam is used. **2 marks**

3. Describe how this cam lock works. What is its purpose? **3 marks**



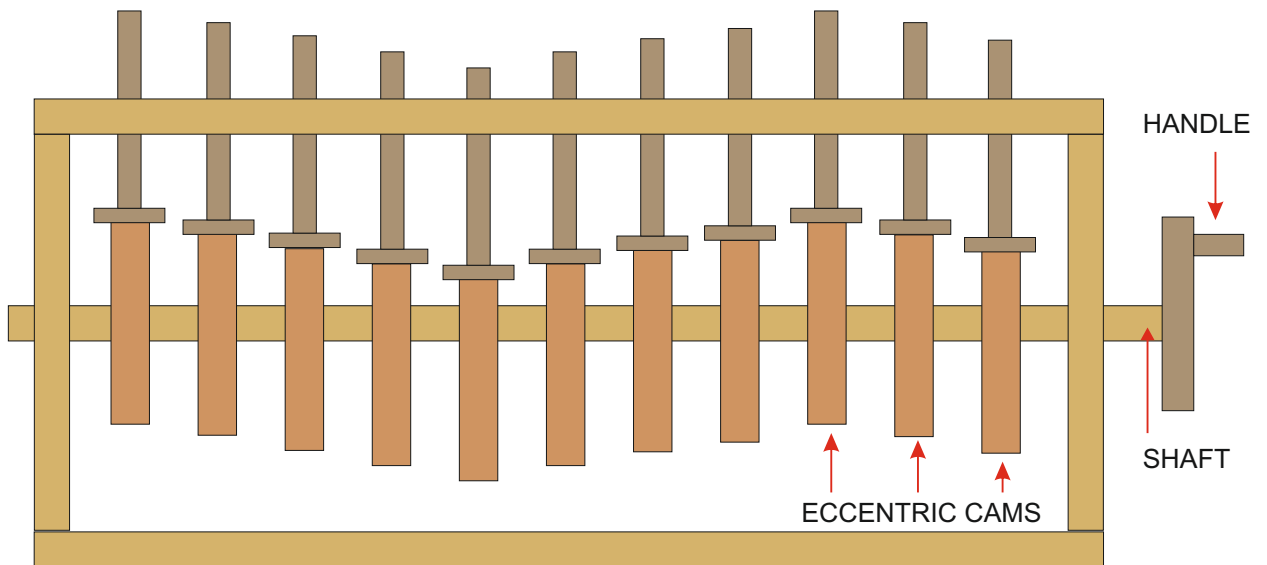
EXAMINATION QUESTIONS - ECCENTRIC CAMS

HELPFUL LINK: <https://technologystudent.com/cams/cam10.htm>

3. The mechanism below is composed of a number of eccentric cams. As the handle rotates, the shaft rotates and also the eccentric cams. The followers rise and fall as a result.

Add a moving device/toy/model to the top of the collection of followers, that moves as the handle rotates.

Include notes to explain your design and the way it works.



NOTES:
