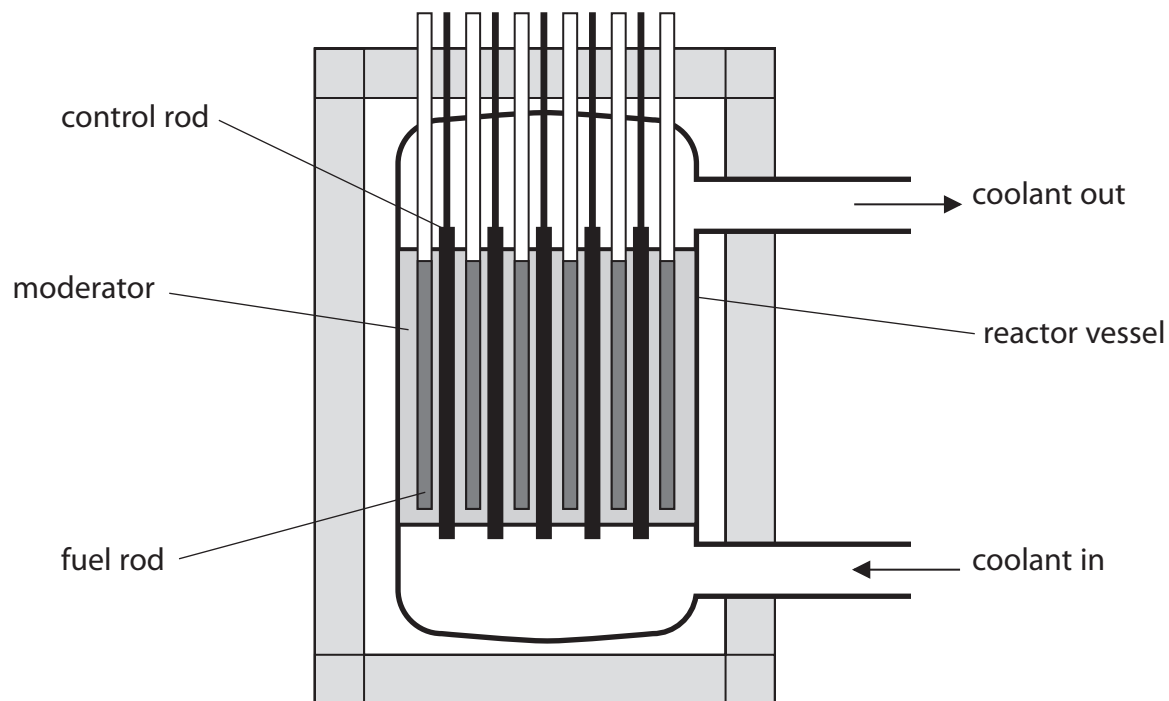


5 The diagram shows some of the components of a nuclear fission reactor.



(a) Describe how a chain reaction occurs in a nuclear fission reactor.

(3)

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(b) Describe the role of the control rods in a nuclear fission reactor.

(2)

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**DO NOT WRITE IN THIS AREA**

- (2)

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- (1)

- (1)

**(Total for Question 5 = 9 marks)**