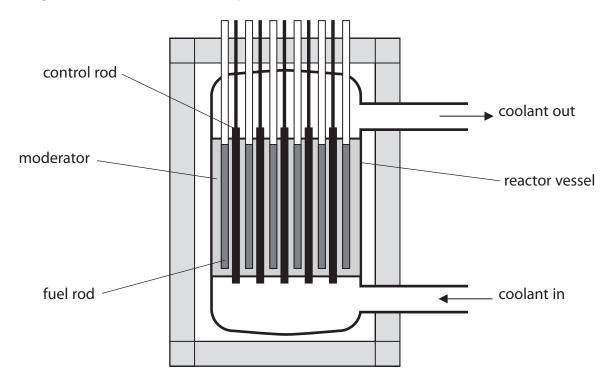
5 The diagram shows some of the components of a nuclear fission reactor.



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

(3)

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

(2)

nuciea	ır fus	sion.	(2)
		of these is the name of the nuclear process that is the main energy for stars?	(1)
$\boxtimes$	A	alpha decay	(1)
$\times$	В	fission	
×	C	fusion	
×	D	gamma decay	
		reason why the nuclear process in stars does not happen at low ratures and pressures.	(1)
		(Total for Question 5 = 9 r	marks)

