Chapter 6.4 Exam Q Question 1



(3 marks)

Select	t one electrical safety device you have studied this year and explain how it	works.
Safety	device:	- N
Expla	nation:	
Rues	tion 2	(5 marks)
a sh thou elec and plug	erson complained to an electrician about getting ock when changing a light globe in a lamp even igh the lamp had been switched off. The trician examined the plug and found the active neutral wires had been swapped around in the and explained that appliance switches are only gned to operate on the active wire. Neutral wire connected directly to light bulb. This wire was connected to active pin.	
	Neutral pin	Active pin
(a)	Describe the conditions that led to the person receiving the shock.	(3 marks)
(b)	Name a safety feature in modern houses that limits the risk of receiving shock, and describe how it works.	
Ques	tion 3	(2 marks)
	devices have fuses installed in their electrical circuits to protect them and their uses current.	users from
(a)	State a cause of excess current being delivered to a device.	(1 mark)
Ruest	Explain how a fuse works to prevent damage to a device.	(2 marks)
スルとうり		(4 marks)

A toaster malfunctions and does not eject the toasted bread. Describe the possible dangers associated with getting the toasted bread out of the toaster with a metal-handled knife.

