Expert systems - AS 9626

1.	Nov/2021/Pap	oer_11/N	No.12										
	A computer	repair	company	employs	а	technician	who	uses	an	expert	system	to	diagnose
	problems wit	th printe	ers. The co	mpany al	so	employs a	know	ledge	eng	ineer.			

(a)	Explain how the technician would interact with the expert system.
	[3]
(b)	Explain the role of the knowledge engineer.
	73
	•••
	[3]

2.	Nov/2021/Paper_12/No.10 In a medical expert system, the inference engine receives symptoms from the user interface.
	Explain how the inference engine uses these inputs to produce possible diagnoses.
	TE.
	Palpa Palpa

Many computer hardware companies use expert systems to diagnose computer faults. The inference engine is a key component in an expert system.
Describe, in detail, the other components of an expert system.
[5]
Pale Pale

3. Nov/2021/Paper_13/No.6

Define the following types of malware, including a description of what each type does.				
(a)	Worm			
	[3]			
(b)	Spyware			
	**			
	[3]			

4. June/2021/Paper_12/No.4

Many supermarkets employ checkout operators. Their job is to sit at a terminal for a set number of hours, scanning products bought by customers and handling payments. Information Technology (IT) is used to monitor the performance of these checkout operators.
Evaluate, by weighing up the advantages and disadvantages to the employer, the use of IT for this purpose.
A0 ***
••••
[8]
[5]

June/2021/Paper_13/No.4

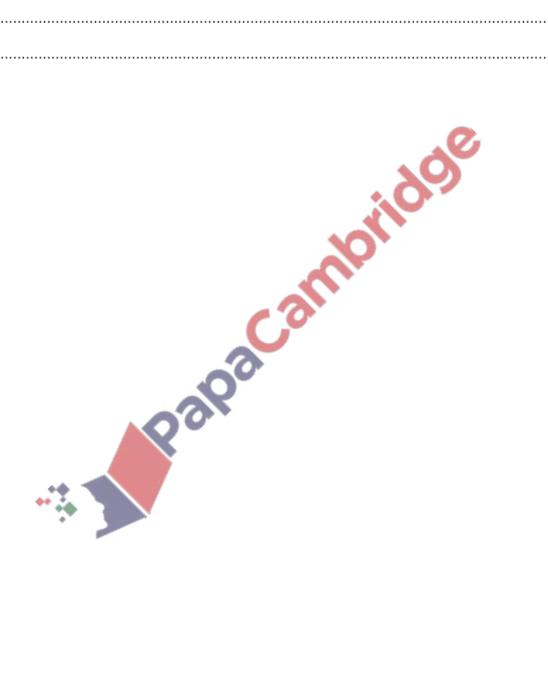
Des prin	Describe how the following components of an expert system are used to diagnose faults with the printer.				
(a)	User interface				
(b)	Informed anging [4]				
(D)	Inference engine				
	[2]				
	[2]				

Li has just discovered his printer is not responding when he sends a document to print.

6. Nov/2020/Paper_11/No.4

Knowledge b	oase		
			[2]

(c)



Des prin	Describe how the following components of an expert system are used to diagnose faults with the printer.				
(a)	User interface				
	[4]				
(b)	Inference engine				
` ,					

......[2]

Li has just discovered his printer is not responding when he sends a document to print.

7. Nov/2020/Paper_13/No.4

	(c)	Knowledge base
		[2
8.		/2020/Paper_12/No.14 inference engine within an expert system uses a form of reasoning.
		lain what this form of reasoning consists of.
		[6]