## IT in society - A2 9626

1.

Nov/2021/Paper_31/No.4 A car manufacturer is using computer-car.	aided design (CAD) to design the engine for its new electric
Discuss the benefits and drawbacks of	f the use of CAD for this process.
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Discuss the smartphones		and	disadvantages	to	the	students	of	using	laptops	instead	of
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**2.** Nov/2021/Paper\_32/No.6

Discuss the benefits and drawbacks of the use of CAD for this process.
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[8]

A car manufacturer is using computer-aided design (CAD) to design the engine for its new electric

**3.** Nov/2021/Paper\_33/No.4

(a)	Explain what is meant by storing data in the cloud.
	[2]
(b)	Explain why the IT Manager could be worried about storing data in the cloud.
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	[6

An Information Technology (IT) Manager is considering storing company data in the cloud.

**4.** June/2021/Paper\_31/No.1

John wants to know how a Global Positioning System (GPS) works. He currently thinks that a GPS satellite calculates the position of a car and sends a signal telling the car what its position is
John discovers that this is incorrect.
Explain how a GPS actually works.
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5. June/2021/Paper\_31/No.12

Ferdinand shops online using his credit card. Ferdinand has noticed that fraudulent transactions have appeared on his credit card statement.
Describe how it is possible for Ferdinand to be subjected to fraud when using his credit card for online shopping.
[6]

**6.** June/2021/Paper\_32/No.2

Computer-assisted translation (CAT) can be used by companies whose products and services are available worldwide.		
(a)	Describe how CAT could be used by a software company creating computer games that are available in many different countries.	
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	[6]	
(b)	Describe the benefits to the company of using CAT.	
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**7.** June/2021/Paper\_32/No.7

:)	Describe <b>one</b> drawback of the company relying on CAT for translations in computer games.
	[1]



	Biometric payment systems can be used to pay for school meals. Students do not need to carry or use a payment card to buy goods but can use their fingerprints at the Point-of-Sale terminal.		
(a)	Describe three components of a biometric payment system that might be used.		
	[2]		
(b)	Describe how the biometric payment system is used by students to pay for meals.		
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**8.** June/2021/Paper\_32/No.8

An	nformation Technology (IT) Manager is considering storing company data in the cloud.
(a)	Explain what is meant by storing data in the cloud.
	[2
(b)	Explain why the IT Manager could be worried about storing data in the cloud.
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**9.** June/2021/Paper\_33/No.8

runtime errors during the testing of her JavaScript code.
She has written some code including window.onerror = function (msg, url, line)
The onerror () event handler will trap errors.
Describe how this can help Jasmine locate the mistakes in the rest of her code.

Nov/2	020/Paper_32/No.5
	online financial services company uses biometrics as part of its security measures to control ess to its services.
(a)	Describe how fingerprints would be used to allow access to these services.

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(b)	Evaluate, by weighing up the advantages and disadvantages, the suitability of biometrics in controlling access to company services.					
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	[8]					

12.	Nov/2020/Paper_32/No.9
	Describe the use of fourth (4th) generation optical data storage systems to store and retrieve data
	[6]
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IT crime (cybercrime) is crime committed using computers and networks.			
Explain how encryption can be used to combat IT crime.			
[6]			

**13.** Nov/2020/Paper\_33/No.3

Describe how automatic stock control could be used by the company.
rol

A company makes shoes and boots and uses automatic stock control in its operations.

**14.** Nov/2020/Paper\_33/No.6

June/2020/Paper_31/No.3 Analyse the role of social networks in changing social patterns among young people.
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**16.** June/2020/Paper\_31/No.12

(b)	Describe the impact of cloud computing on companies.
	[8]

	/2020/Paper_32/No.5 Potics combined with artificial intelligence is having an impact on the human environment.
(a)	Describe what is meant by robotics.
	[2]
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(b)	By weighing up the advantages and disadvantages, evaluate the impact on the human environment of combining artificial intelligence with robotics.
	[8]

	ne/2020/Paper_32/No.6
te	escribe how a digital television signal is broadcast from a satellite to a receiver for display on a elevision set in a home.
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June/2020/Paper_33/No.12  List <b>five</b> principles that should be included in a data protection act.
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