

Unit 22: Databases for eCommerce

Candidate:

Assessor:

Date:

AO	Pass	Merit	Distinction
AO1 Identify and describe the use of current examples of different databases accessed through websites	Candidates briefly describe how databases in websites are used by businesses, Supported by few examples and based on limited research.	Candidates describe in detail how databases in websites are used by businesses, Supported by a range of examples and based on research.	Candidates provide a comprehensive description of how databases in websites are used by businesses, Supported by a wide range of examples and based on extensive research.
	P M D		
AO2 Identify and describe, using examples, benefits and drawbacks of databases accessed through websites	Candidates briefly explain at least two benefits and at least two drawbacks to accessing databases through websites, Supported by few examples and based on limited research.	Candidates explain in detail at least four benefits and at least four drawbacks to accessing databases through websites, Supported by a range of current examples and based on research.	Candidates provide a comprehensive evaluation of the benefits and drawbacks to accessing databases through websites, Supported by a wide range of current examples and based on extensive research.
	P M D		
AO3 Awareness of different eCommerce technologies	Candidates provide a simple explanation that shows limited understanding of eCommerce technologies. The explanation will be supported by few examples.	Candidates provide a clear explanation that shows some understanding of eCommerce technologies. The explanation will be supported by appropriate examples.	Candidates provide a detailed explanation that shows a good understanding of eCommerce technologies. The explanation will be supported by a variety of well chosen examples.
	P M D		
AO4 Analyse the legal implications and integrity requirements of databases accessed through websites.	Candidates explain two legal aspects of conducting eCommerce through a website. Candidates define “lost transactions” in a multi-user database. Candidates identify the hazards of reading from a dataset and conducting activities on it.	Candidates explain two legal aspects of conducting eCommerce through a website. The explanation will be supported with examples. Candidates define “lost transactions” in a multi-user database. Candidates clearly describe, using examples, the hazards of reading from a dataset and conducting activities on it.	Candidates explain two legal aspects of conducting eCommerce through a website. The explanation will be supported with examples. Candidates define “lost transactions” in a multi-user database. Candidates thoroughly describe, using a variety of examples, the hazards of reading from a dataset and conducting activities on it. They clearly explain the value of tracking transactions.
	P M D		

Candidate:**Assessor:****Date:**

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AO5 Provide the users' design requirements of a database for eCommerce to meet the needs of an organisation	Candidates state user requirements, for a database accessed through a website, from the point of view of a customer using the website. They design the HCI as a minimum.	Candidates state user requirements, for a database accessed through a website, from the points of view of a customer using and a manager controlling a database. They design the HCI and the datasets as a minimum.	Candidates explain reasonable functional requirements for users of a database accessed through websites. They will relate their evidence to a current example. They design the HCI, the datasets and transaction/order handling as a minimum.
	P M D		
AO6 Identify, describe and evaluate suitable hardware, software and services to meet the needs of an organisation	Candidates identify the hardware and software requirements to meet the needs of an organisation. Candidates may identify a suitable ISP.	Candidates identify the hardware and software requirements to meet the needs of an organisation. They make some evaluation of the hardware and software. Candidates identify a suitable ISP with justification.	Candidates identify the hardware and software requirements to meet the needs of an organisation. They will make some evaluation of the hardware and software. Candidates analyse aspects of database activity that must be supported on the website. Candidates identify a suitable ISP with justification.
	P M D		

AO1	AO2	AO3	AO4	AO5	AO6

Overall: