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<u>6-A-Day – Computer Science GCSE (10)</u>

Q1	A teacher uses a database to store the marks of pupils from all year 9 classes.					
	PUPIL and CLASS are two entities used in this database.					
	The data for	the first four pu	pils in the Pl	JPIL table is sho	own below.	
		PupilNumber	Surname	FirstName	ClassCode	
		A01	Adams	Michelle	9DK	
		A02	Ali	Mohammed	9BH	
		A03	Ali	Shirelle	9DK	
		A04	Azor	Michelle	9FT	
	(i) Ctata th	o primory koy f	ar the DUDI	table and evale		
	State the primary key for the PUPIL table and explain your answer.					
	Primary	Key				[1]
	Explana	ation				
						[2]
Q2	Q2 The database also contains a CLASS table. The primary key for ClassCode.					he CLASS table is
	Explain why ClassCode has also been included in the PUPIL table.					
						[3]
						[3]
Q3	Desc	ribe what is mean	t by an array.			
						[2]

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Q4	Describe tools and facilities available in an integrated development environment (IDE) which can help the programmer to identify and correct syntax errors.					
	[4]					
Q5	Explain how ASCII is used to represent text in a computer system.					
	[3]					
Q6						
	Unicode is also used to represent text in a computer system.					
	Explain the difference between the character sets of Unicode and ASCII.					
	[2]					