The answers on this worksheet have been taken from the OCR GCSE Computing June 2011 Paper

6-A-Day - Computer Science GCSE (15)

Q1	 Constant: Pi Variables: WheelSize, Circumference 	[2]
Q2	 The value of a constant is set when the constant is declared The value of a variable is set while the program is running The value of a constant cannot be changed once the program is running/can only be set at design time A variable has no value at design time 	[2]
Q3	0110 1010 (1 mark per nibble)	[2]

Q4	3D (1 mark per digit)		[2]		
	Award 1 mark if candi to convert to denary a arithmetic error in the	nd then hex but	_		
Q5	File	File Format			
	A high resolution image of the band to use as your desktop background.	JPG			
	Sheet music of their songs ready to be printed in the correct format for guitar players.	PDF			
	A short video extract from their latest concert tour.	MPEG			
	A compressed collection of 200 plain text files containing the lyrics of all their songs.	ZIP			
	An audio recording of a song from their future album.	MP3			
	(1 mark per row)		[5]		
Q6	 A Database Management System/Used to manage the database May use SQL/allows database to be queried Provides facilities for creating tables/inserting data/viewing data/reporting Allows data structure to be independent of the program Allows relationships to be created between tables/Maintains integrity Provides security features/levels of access 				
	Accept other relevant points.				