The answers on this worksheet have been taken from the Original OCR GCSE Computer Science Specimen Paper

6-A-Day - Computer Science GCSE (p1.2-2016)

Q1	Four characteristics from: Capacity/size Speed Portability Urrability Reliability Cost	(AO1 1b)	1 mark is to be awarded for each correct characteristic to a maximum of 4 marks.
Q2	Stores the boot up sequence of the Sat Nav. The contents are lost when the Sat Nav is turned off. Holds copies of open maps and routes.		Award 1 mark for each correct tick. No marks should be awarded if ticks are in both boxes in a given row.
Q3	A computer system that is built into another device		1 (AO1 1a)
Q4	Three devices from:	3 (AO1 1a)	mark to be awarded for each correct example identified to a maximum of 3 marks. There are many other examples of devices with embedded systems which may be acceptable.
Q5	Sending; Bill's computer splits data into equal sizes packets (1) Each packet is given the address of Ben's computer (1) Each packet is given a number (1) Each packet is given error checking data (1) The packets are sent across the network (1) Receiving; Ben's computer checks if all packets have been received? (1) If No Check again (1) Increment timer (1) Increment timer (1) Each packet is addressed on their number (1) Receiving:	6 (AO3 2b	Answers must be a recognisable algorithm. Candidates can use a flow chart or any form of pseudocode. Candidates can only be awarded a maximum of 4 marks for sending or receiving.
Q6	 A network protocol defines rules for data transmission A network protocol defines standards for data transmission 	1 (AO1 1a)	1 mark only to be awarded for a correct definition.