

Practice Exams

for AS AQA Computer Science Paper 2

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Teacher's Introduction

This resource has been produced to help your students prepare for the examination of AS AQA Computer Science, Paper 2 (for examination May/June 2016 onwards). There are three practice question papers with supporting mark schemes.

The practice papers have been designed to cover a wide range of content across topics 5-9 of the subject content listed in the AQA specification (for first teaching September 2015).

The question papers and mark schemes are designed to be in a similar style to the AQA specimen assessment materials, to provide realistic exam practice. Photocopy-friendly versions of the question papers (without answer lines) are also provided for your convenience.

The papers can be used as a 'mock' examination; alternatively, individual questions can be set for recap/revision purposes. A specification grid has been included below, to help you see which topics have been covered where.

AQA Specification	Paper 1	Paper 2	Paper 3
3.5 – Fundamentals of Data Representation	<u>'</u>		
Number Systems	Q1	Q1	_
Number Bases	Q2	Q1	Q6
Units of Information	Q3	_	Q1
Binary Number System	Q2	Q1	Q6
Information Coding Systems	Q4	Q2	Q7
Representing Images, Sound & Other Data	Q6	Q5	Q1
3.6 – Fundamentals of Computer Systems			
Hardware & Software	Q9	Q8	_
Classification of Programming Languages	Q5	Q4	Q2
Types of Program Translator	Q5	_	Q2
Logic Gates	Q10	Q7	Q5
Boolean Algebra	Q10	Q7	Q5
3.7 – Fundamentals of Computer Organisation and Architecture			
Internal Hardware Components of a Computer	_	Q4	Q4
The Stored Program Concept	_	Q4	_
Structure & Role of the Processor & its Components	Q8	Q4	Q4
External Hardware Devices	Q6	Q6	_
3.8 – Consequences of Uses of Computers			
Individual, Social, Legal and Cultural Issues and Opportunities	Q11	_	Q1
3.9 – Fundamentals of Communication and Networking			
Communication	Q7	_	Q3
Networking	Q7	Q3	Q8

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Register your email address to receive any future free updates* made to this resource or other Computer Science resources your school has purchased, and details of any promotions for your subject.

* resulting from minor specification changes, suggestions from teachers and peer reviews, or occasional errors reported by customers

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Name	
	\$

ZigZag Education supporting AQA AS Computer Science Paper 2 (7516/2)



Instructions

- Write your name at the top of this page.
- Answer all questions in the spaces provided.
- You may use a calculator.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 75.





		}
1	Explain the difference between rational numbers and irrational r	
	Illustrate your answer with one example of each type of number	
	Explanation:	
	Example of a rational number	
	. Le of an irrational number	
2.1	What is the decimal equivalent of the hexadecimal number F3?	
2.2	10110101_2 is an eight bit two's complement binary integer. When Show your working.	
		CORVEICHT
		COPYRIGHT
		PROTECTED
2.3	0.212 is a fixed point binary number with three bits after the	
2.5		
	State its decimal equivalent. Show your working.	<u> </u>
		/ag
		Education

3.1	An audio format stores comprising 32 bits.	digitised sound by	sampling at a rate	of &	
	How many bytes would this format? Show you		re a piece of musion	: ex	
	,		Ž ,		
	A				
4.1	1 ASCII code for the	lower case charact	ter 'a' is 1100001 ₂		
	Complete the table bel	ow.			
		Character	ASCII code	1	
		a (lower case)	11000012		
		g (lower case)			
		T (upper case)		_	
		Z (upper case)	10110102	J	
4.2	An alternative to the A	SCII character set is	s Unicode		
₩.=	State two advantages				
	Advantage 1:				
	Advantage O	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	Advantage 2:				PYRIGHT
			***************************************	···· PRO	TECTED
	Paralage:	%			
					Zog
				Ed	ucation
		Turn over for th	e next question		

5	The following is a single instruction from an assembly program:	
	ADD rA, rB	
5.1	Assembly is a low-level language. Explain what is meant by low	
5.2	Using examples take above assembly instruction, expeterms opcor. Figure 1. F	
5.3	High-level languages can be translated using either interpreters	
	Explain the difference between an interpreter and a compiler .	
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		PROTECTED
		Zig
		ag
		Education

6.1 For each of the following data storage technologies, describe ho the storage medium. Optical: Magnetic: 6.2 Define the term **compression**. **6** . **3** Define the term lossy compression and state one file format that **COPYRIGHT PROTECTED** Question 6 continues on the next page

6.4	Define the term lossless compression and state one file format compression.	
77.1		
7.3	Describe how checksum chec: Too e ors in packets that travel	COPYRIGHT PROTECTED Zig Zag Education

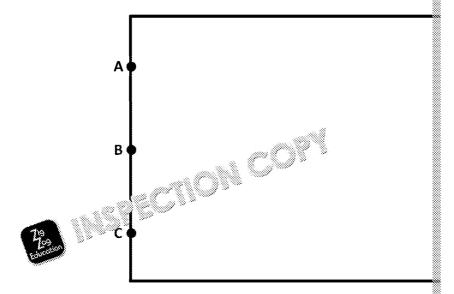
7.4	An employee wishes to connect to the network wirelessly from	
	State two pieces of hardware required for this connection.	
7.5	Two measures of data transfer across a network are bit rate and	
	Define the term baud rate .	
	79	
7.6	Explain how it is possible that bit rate can be higher than baud rat the same time.	

8.1	State the name and describe the purpose of each of two special used in the fetch phase of the fetch-execute cycle.	
	· ·	
		CODVDICUT
		COPYRIGHT PROTECTED
		FROILCILD
		<u> Zig</u>
		L 09
		Education

8 . 2 During the fetch-execute cycle, an interrupt might occur. Explain what happens when an interrupt occurs. 9.1 Describe two roles of an operating system. 9.2 State two advantages and one disadvantage of buying bespoke shelf software. **COPYRIGHT PROTECTED** Turn over for the next question

10.1 Draw a logic circuit for the following Boolean expression:

$$D = A. (B + C)$$



10. **2** Complete the truth table for the following logic gates.

	OR Gate	
Input A	Input B	Output
0	0	
0	1	
1	0	
1	1	

	XOR Gate	
Input A	Input B	Output
0	0	
0	7	
1	/ JG	
	1	

Turn over for the next question



11. 1 Employers are increasingly making use of high-speed Internet contains to work from home, or telecommute. A company is considering so that the norm for each employee who uses a computer will b in the company's office. In order to facilitate this, a large number of changes will need to sure that all data required by such employees will be available, Discuss the practical, legal and ethical issues that the company working practices in this way. **COPYRIGHT PROTECTED**

Preview of Questions Ends Here	
Preview of Questions Ends Here This is a limited inspection copy. Sample of questions ends here to avoid students pre questions before they are set. See contents page for details of the rest of the resonance.	
This is a limited inspection copy. Sample of questions ends here to avoid students pre	
This is a limited inspection copy. Sample of questions ends here to avoid students pre	

ZigZag Education supporting AQA AS Companies: Lence (7516)

Mark Scheme for Practice Exam 2

The following annotation is used in this mark scheme:

; single mark

// alternative response

/ alternative wording

A acceptable answer

R reject answer

NE not enough

DPT in some questions a specific error made by a candidate, if repeating gain more than one mark. The DPT label indicates that this mistal candidate losing one mark on the first occasion that the error is remains understandable, subsequent marks should be awarded repeated.







1	1	All marks for AO2 (apply)
		1 mark: for division of 185 by 16 to reach 11 or B for first digit 1 mark: for correct answer: B9
1	2	All marks for AO2 (apply)
		1 mark: subtracting values in turn from 107: -128, 16, 4, 1 A: any suitable alternative means of deriving the answer, as long a 1 mark: for correct answer: 10010101 ₂ (also accept 10010101, wit
1	3	All Marks for AO2 (apply)
		1 mark: for correct answer: 11110101 ₂ (also accept 11110101, with
1	4	All Marks for AO1 (understanding)
		1 mark: whole numbers / integration above A: Above zero instead and above
<u> </u>		1 mark 101 1 A ppe - 0, 1, 2, 3, etc. Must be non-negative.
1	5	The Solor AO1 (understanding) mark: A rational number is one that can be written as a ratio / fra
		1 mark: rational: any number written as a fraction or a ratio, e.g. ½
2	1	All marks for AO1 (understanding)
		2 marks: ASCII requires less storage space per character than Un ASCII uses seven bits /a/ one byte /a/ 8 bits per character, Unicode represent more / characters / alphabets than ASCII
2	2	All marks for AO2 (apply)
		1 mark: 1100001 ₂ (also accept 1100001, with or without spaces) 1 mark: 1100101 ₂ (also accept 1100101, with or without spaces)
2	3	All marks for AO2 (apply)
		1 mark: for attempting a binary subtraction of 32, or a conversion of decimal and subtraction of 32, even if result is incorrect 1 mark: for correct answer: 1000111 ₂ (also accept 1000111, with c
3	1	All marks for AO2 (analyse)
		A collision would be detected by both A and B // Each machine woll period of time // data would be re-sent // the process would repeat received by both the server and the printer
3	2	Maximum 3 marks All marks for AO1 (recall)
3	2	All marks for AO1 (recall) 1 mark: Peer-to-peer 1 mark: advants— no betwork operating system required // less syrequired for a expensive service of the second system required for an expensive service of the second system required for an expensive service of the second system required for an expensive service of the second system required for an expensive second s
		users downloading from their machines
3	3	Mark for AO1 (understanding)
		1 mark: the same bandwidth is divided up among more users // ea bandwidth is reduced



All marks for AO2 (analyse) Marks can only be awarded if descriptions relate to the greenhous descriptions of components are worth no marks. **1 mark:** Processor: to compare the current temperature with thres 25 degrees // to determine when to open or close the windows 1 mark: Main memory: to store threshold values / 22 / 25 // to main / window open and close times // to store the instructions for the pr 1 mark: Control bus: to carry a write instruction to main memory w a read instruction to memory when accessing threshold values 1 mark: Data bus: to carry threshold values / 22 / 25 from main me carry temperature data / window open and close logs from the pro 1 mark: address bus: to carry address location where temperature close logs will be saved to // to carry adianallic ation where thresh retrieved from 2 marks: one for input, or true to read input data from the instructions to oper in the motor 4 Mark for (1) (i "Swiedge) 2 ar... A language based on the instruction set of the computer / guage in which one instruction translates directly to one instruct instruction set / ... is already one instruction in the machine's instru 4 3 All marks for AO1 (understanding) 2 marks: advantages: low-level language programs generally exe ports and registers can be written to / read from 2 marks: disadvantages: different machines have different archite assembly // more difficult to learn // more difficult to find a program level // less support exists for low-level languages // you need to be computer architecture 4 All marks for AO3 (programming) CMP RT, #25 BLT endif1 STR RO, #1 endif1: CMP RT #22 BGT endif2: STR RO, #0 endif2: HALT 1 mark: for first comparison 1 mark: for branching statement and point which can be named 1 mark: for storing value in RO 1 mark: for second comparison 1 mark: for branching and pointer R: if second points that ame name as first pointer DPT: if fire to an about mark was not awarded because BGT was use awarded a mark here ark, for storing value in RO All marks for AO1 (recall) 4 1 mark: instructions/programs stored in main memory/RAM with d memory can be interpreted as instructions or data 1 mark: Instructions/program can be replaced by loading another 1 mark: programs/instructions are run by fetching, decoding and e sequence



5	1	All marks for AO2 (apply)
		1 mark: (1200 * 1600 * 24) / 1000 = 46080 1 mark (DPT): 46080 / 8 = 5760 kilobytes
		2 marks can be awarded if the correct answer is reached via a suit calculation, provided that working is shown
5	2	All marks for AO1 (recall)
		1 mark: definition: data that describes the file // data that describes of the file that is not part of the image itself 1 mark: example: height // width // resolution // number of pixels // compression type // file type // user who created/last edited the file

6 All marks for AO1 (knowledge)

2 marks: description of RF' nsurver contained within the read signal // the signal ເພື່ອໃຕ້ ເປັນ AFID tag // which transmits a unique s

Maximum 🧎 🗓

ar ::/advantage: do not require line of sight // can be scanned w hes or wallet // less susceptible to damage than other techniqu 1 mark: disadvantage: more expensive to implement than barcode might be subject to collision / multiple RFID tags could be within ra // there is not necessarily a secondary means of registration if tag i

2 marks: description of barcode scanning: barcode printer (along with (such as an ID card) // barcode readers fire a laser at the barcode // in measured // to determine whether each section is a bar or a space be

Maximum 2 marks

1 mark: advantage: cheap/easy to implement // barcodes do not real damaged barcode can have its number manually entered // replaci / easv

1 mark: disadvantage: requires line of sight to scan // easily replic

7 All marks for AO1 (knowledge)

1 mark: no mistakes

	OR Gate	
Input A	Input B	Output
0	0	0
0	1	1
1	0	1
1	1	1

1 mark:



7 m ເປັນາດາ AO2 (apply)

 $A.B.(A + \overline{B})$

 $A.B.A + A.B.\overline{B}$ Expansion of brackets

 $A.B + A.B.\overline{B}$ Use of A.A = A

A.B + FALSE/0Use of B.NOT(B) = false/0

1 mark: Final answer: A.B

Maximum 2 marks for working



7 3 All marks for AO2 (apply)

 $\overline{X}. (X + Y). (X + Y)$ $\overline{X}. (X.X + X.Y + Y.X + Y.Y)$ $\overline{X}. X.X + \overline{X}. X.Y + \overline{X}. Y.X + \overline{X}. Y.Y$ $0 + 0.Y + Y.0 + \overline{X}.Y$ $0 + 0 + 0 + \overline{X}.Y$

Expansion of brackets
Continued expansion
Use of X.NOT(X) = false/0
Use of 0.Y = 0

1 mark: Final answer \overline{X} . *Y* **Maximum 2 marks for working**

8 1 All marks for AO1 (knowledge)

1 mark: Antivirus / malware // backup software // clean up // compredebuggers // defragmentation // file mar (a) // network utilities // A: any valid utility program

1 mark: Purpose of பட்டி நிறிவர்களில் what the utility does, e.g. antiseremoves harm நிறிவர்கள், e.g. defragmentation: speeds up disk as monitors வருக்கள் user to check RAM / CPU usage / network complete in a speed match stated utility software

with profiles of known malware // updates virus dictionary regularly behaviour of files; e.g. defragmentation: moves parts / fragments o another // identifies when a single file is stored in multiple physical monitors: RAM percentage is updated when data is loaded into / urusage is calculated by dividing utilised time slices by available time connectivity is monitored by dividing actual network traffic by availa A: any valid explanation of how the utility program performs its prink: if it does not match stated utility software

8 2 All marks for AO1 (3 x understanding; 6 x knowledge)

Resource management

1 mark: definition of resources as any two or more of:
processor / memory / backing store / IO devices / network access
2 marks: explanation of resource management: processor time alleprocess priority // processes that need to be run being loaded into removed from main memory when they no longer need to be there extracted from backing store and loaded into main memory // data allocated a physical location on backing store // indexing of backing capacity for creating / editing files / folders / directories on backing devices (such as printers) to establish readiness state // providing queuing/buffering incoming/outgoing data // checking network availancess according to priority / queue / multiplexing

Maximum 2 marks; Maximum 1 mark per resource

Virtual Machine

1 mark: definition of virtual machine: operating system isolates / but complexities of) the hardware

2 marks: descriptions of services a virtual continuous inequality continuous displayed for the use as a cyclem of directories/fold hardware activities (such a continuous a drive to spin up to speed) clicking on the drive continuous pertitioned and different partition operating systems is simplified to the point of dragging from one continuous continuous be entered into the system more closely resemble nations.

hine code // any machine function that has been translated to a numan user (this list is not exhaustive)

Maximum 2 marks

Device Drivers

1 mark: definition of device driver: a piece of software that allows the computer and a peripheral

2 marks: description of how an OS would manage device drivers: piece of hardware under installation // searching for existing drivers plugged in / attached to the computer // removing drivers for hardwopening/accessing/using the driver when the device is needed Maximum 2 marks



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Mark Scheme for Practice Exam 3

The following annotation is used in this mark scheme:

- ; single mark
- // alternative response
- / alternative wording
- A acceptable answer
- R reject answer





01	1	All marks for AO2 (apply)
		1 mark: Any calculation, even if incorrect, in which the candidate m 1,024 or 1.024
		1 mark: for correct answer: 1953
01	2	All marks for AO2 (apply)
		1 mark: 1920 * 1000 (for bytes) * 8 (for bits) / 24: any three of these used for the first mark 1 mark: for correct answer: 640,000
01	3	All marks for AO1 (recall)
		3 marks: one for each correctly listed or deed: height // width // resolution // numbeເອົາຂອງ // data taken // file siz file type // user who created າວ ໍ່ dine file // colour depth // pale
01	4	Mark for AO1 (result)
	•	ng data to make it unintelligible to anyone other than g arrencryption key to make data unreadable to anyone within incoding
01	5	All marks for AO1 (knowledge)
		2 marks: advantages: illegal activities / terrorist threats can be detended be monitored / have intelligence gathered on them // national interest maximum 2 marks
		maximum 2 mairs
		2 marks: disadvantages: government can misuse data / go beyond privacy is invaded // commercial secrecy can be breached // diplom harmed
		Maximum 2 marks
01	6	2 marks for AO1 (knowledge); 1 mark for AO1 (understanding)
		2 marks (knowledge): sequences of a single colour are identified once, along with how many times (in a row) it occurs 1 mark (understanding): effective for images with large sequence
		as icons/logos
02	1	Mark for AO1 (knowledge)
		1 mark: different machines have different architectures / versions of to learn // more difficult to find a programmer who can write low level low-level languages // you need to be familiar with a particular com
02	2	All marks for AO3 (programming)
		STR R1, R3 STR R2, R1 STR R3, R2
	4	المرابعة ar. يواند ar. يواند use of opcode str (even if only used once)
		of RA switched with all instances of RB



02 All marks for AO1 (understanding) 3 marks: Compilers generate object code, while interpreters do not compilers produce object code while interpreters translate line-by-li compiled code executes more quickly than interpreted code; once a compiler has produced object code, it can be run repeatedly must re-translate each time it is run; a compiler will not compile source code that contains syntax errors syntactically valid parts of a program that contains some errors Maximum 3 marks 1 mark: advantage of interpreter: does not require program to be come allows testing of code that is incomplete or contains errors // errors encountered are easier to resolve // program cution can be interest R: Any point for which a mark was a sum feet in the three-mark section 1 mark: advantages ് ് ് ് ാം compiled code runs more quickly t compilers can represent code that is more efficient // compilation happer a compiled code does not require the end machine to any point for which a mark was awarded in the three-mark section

03	1	Mark for AO1 (recall)
		1 mark: a connection that transmits one bit at a time
03	2	All marks for AO2 (knowledge)
		2 marks: parallel connections are only effective over short distance likely over a serial connection (or more likely over a parallel connection is cheaper to manufacture (or more expensive for parallel)
03	3	Mark for AO1 (recall)
		1 mark: (synchronous transmission) transmits data according to the clock
03	4	All marks for AO1 (knowledge)
		1 mark: a stop bit is a bit (or a sequence of bits) that marks the end A: marks the end of a character
		1 mark: because transmission is regulated externally, the time at was is known to the receiving device // transmission is set to stop at a ce

04 1 All marks for AO1 – 3 marks for knowledge; 3 marks for unders

1 mark: The data bus carries data from head PU to be written into redata/instructions read from meaning to the CPU

1 mark: For the exam ເວັດ saving a [named specific] value // rea any specific ຫຼື ໄດ້ໄ

ar. ு இச்வீdress bus carries the memory location of the data to அசாரை

mark: For the example: e.g. a value that has been read and modification a particular location – the address bus communicates that amplification or clarification of the first mark can gain the second management.

1 mark: The control bus carries signals to tell other components when the signals to tell other components when the signals is to tell other components when the signal is the sin



04 2 All marks for AO1 (understanding)

2 marks: cache memory capacity: stores data/instructions that are accessing cache memory is faster than accessing any other memory the more data/instructions can be accessed more quickly

Maximum 2 marks

1 mark: defining word length: the number of bits a processor can of // number of bits/size of each register in the CPU // number of bits the within the computer at one time

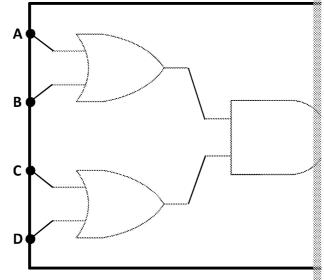
1 mark: explanation: a higher word length allows faster internal transcalculations on larger data items to take place faster // requires fewer process larger data items

2 marks: number of cores: a core is a more of the processor and performs calculations // more less (dual core/quad core) all the same time // the more processes simultaneously.

Maximum In ario

rks: clock speed: the speed at which a computer operates me second // execution of an instruction can only begin on a pulse/a higher clock speed allows more instructions to be executed (per secondarimum 2 marks

05 | 1 | All marks for AO2 (apply)



1 mark: A and B connected to or gate 1 mark: C and D connected to or gate

1 mark: Each of the first two gates, when wor actly or incorrectly

and gate

05 2 All marks for AO2 (அ)

 $\begin{array}{cccc}
E & & & & & & & & & & & & & \\
E & & & & & & & & & & & & & & & \\
B & & & & & & & & & & & & & & \\
B & & & & & & & & & & & & & & \\
A & & & & & & & & & & & & & \\
A & & & & & & & & & & & & & \\
A & & & & & & & & & & & & \\
\end{array}$

Expansion of brackets
Use of NOT(A).A = 0/false
Removal of redundant clause

1 mark: Correct answer: A + B

Maximum 2 marks for working



05	3	All marks for AO2 (apply)
		\overline{X} . $(X + Y)$. $(X + \overline{Y})$
		$\overline{X}.(X + Y).(X + Y)$ $\overline{X}.(X.X + X.Y + X.\overline{Y} + Y.\overline{Y})$ Expansion of brackets
		$\overline{X}.\overline{X}.\overline{X}.\overline{X}+\overline{X}.\overline{X}.\overline{Y}+\overline{X}.\overline{X}.\overline{Y}+\overline{X}.\overline{Y}.\overline{Y}$ Continued expansion
		0 + 0 + 0 + 0 NOT(X).X = 0/false
		NOT(Y).Y = 0/false
		1 mark: Correct answer: 0/false
		Maximum 2 marks for working
06	1	All marks for AO2 (apply)
		1 mark: answer comprising (a) Society e number 1 mark: correct answers (3)
06	2	All marks f : [_ , , , piy)
	(্দি rk answer comprising (any) negative number
	.,	rk: correct answer: -75
Т		T
06	3	All marks for AO2 (apply)
		10001001 ₂ (also accept 10001001, with or without spaces)
		1 mark: sign bit
		1 mark: following seven bits (spacing unimportant)
		R: if not 8 bits
06	4	All marks for AO2 (apply)
		00111100 ₂ (also accept 00111100, with or without spaces)
		2 marks: one mark per nibble
		(spacing unimportant)
06	5	Mark for AO2 (apply)
		127
06	6	Mark for AO1 (understanding)
		1 mark: overflow // not enough bits to store response // result would
07	1	All marks for AO1 (knowledge)
		1 mark: it is set to either 1 or 0 to ensure the total number of 1s
		parity bit, there will be an odd number 3/3/8
		1 mark: receiving device chec! ിട്ട് സ്വാസ്ന്റ് data contains the co
07	~	All marks for AO2 ্রিন্
07	2	
07	2	
07	· (າ ar' ່າ ່າ ໄປ] ໃນ ork ຳນວວວາ[0]
07	3	<u>າ</u> ar'ຸ່ງ ງ້າງວ່າ
	(າລາ່າ ຳ ຳ ຳ ຳ ຳ ຳ ຳ ຳ ຳ ຳ ຳ ຳ ຳ ຳ ຳ ຳ ຳ ຳ
	(ar' 100001[0] rk 100001[0] mark for AO1 (knowledge); second for AO2 (apply) 1 mark: If two bits (or any even number) are transmitted incorrectly,
	(ar' 100001[0] rk 100001[0] 1 mark: If two bits (or any even number) are transmitted incorrectly maintained / there will still be an odd number of 1s / there will still be the data is correct.
	(ar' 100001[0] rk 100001[0] 1 mark: If two bits (or any even number) are transmitted incorrectly, maintained / there will still be an odd number of 1s / there will still be



	Level	Description
	3	A detail description has been written, which indicates a comprehensive understanding of both SSI and WPA. Feach technology, the candidate has covered the majorithe points laid out below. The answer is sufficiently we structured to demonstrate how the two technologies are related.
		QWC: The quality of written communication is good; wr legible, ideas are communicated clearly and fluently, sentences follow one another coherently and appropria specialist vocabulary has been There are few, if errors in spelling, puncty are not grammar.
7.0	2	An adequate docation on wering a range of points fro lists below to a calculate has demonstrated some unitarity of each of the technologies, although the have a comprehensive understanding, or they may demonstrate an awareness of how the technologies interrelate.
		QWC: Text is legible and meaning is clear; ideas are communicated clearly with occasional lapses; sentence paragraphs are linked; specialist vocabulary has been correctly; there may be occasional errors in spelling, punctuation and grammar.
	1	A small number of points have been made that demons recall rather than understanding. There are significant fundamental gaps. Or
		The candidate has demonstrated knowledge of a Level standard, but only in any significant way for one of the technologies.
		QWC (in either case): most text is legible; forms of exprare deficient but can still be understood; paragraphs manalways be well connected; specialist vocabulary has no successfully employed; there are significant errors in special punctuation and grammar.

Service set identifier (SSID)

- A service set identifier is a locally unique identifier for the will
- In order to access the network, a wireless client machine m
- The SSID is a 32-character alphanument code which acts

Wi-Fi protected access

- Allows encryption of a great across the wireless network
- Client mad ness நின் network must have an encryption ke tha கின் கின் "



Socryption key can change over time for added security. Users must enter a passphrase as well as having a corresponder of the secure than its predecessor, WEP (wired equivalent pages).



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