**Term II Exam Marking Scheme REVISION**

**Year 8 – ICT Theory**

**SECTION A**

|  |  |  |
| --- | --- | --- |
| 1 | KeyboardDigital camera | 2 |
| 2 |  | 2 |
| 3 |  | 1111 |
| 4 | **Three** from:Ergonomic keyboardErgonomic mouseMicrophoneWrist rest | 3 |
| 5 | **Two** from:Does not need access to the internetFewer issues storing the data as the connection could drop during storage if the cloud is usedMore control over the stored data | 2 |
| 6 |  | 1111 |
| 7 | They tend to have a more limited number of read and writesMore expensive per Gb than HDD | 2 |
| 8 | **Two** from:Spam is junk mailSent in large numbers to inboxesUnwanted/unsolicited emailsFills the inboxUsed for advertisingUsed for phishing/spreading malware | 2 |
| 9 | **Two** from:Easier to hack as data is always availableLose control of your dataMore than one copy available to access therefore security is reducedMore difficult to delete all copies of the data | 2 |

**SECTION B**

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| 10 c (i)(ii) | **Four** from:The laws within a country//In some countries emails are monitored and people are punished for what they writeUsing emails for marketing purposes//Laws differ in different countriesNetiquetteLocal guidelines set by an employerThe need for security//Some countries monitor keywords in emailsPassword protection does not allow people to see the contentsCultural offences**Two** from for example:Include a clear, direct subject lineUse a professional email addressUse professional salutationsUse exclamation points sparinglyBe cautious with humour/sarcasm/slangProofread the message before you click sendDo not use capital letters as it implies shoutingDo not use swear/offensive wordsDo not use defamatory commentsProtect others privacy | 42 |
| 11 |  | 6 |
| 12 a12b | **Two** from:Internet etiquetteSet of social conventionsThey show common courtesy when communicating online**Four** from:Do not use capital letters as it relates to shoutingDo not use abusive/vulgar language/threatening behaviourBe clear in the text sentAlways check spelling and grammarRemember that sarcasm does not communicate wellRespect other’s privacyRespect other people’s viewsDo not use too many emoticonsDo not use text language/slangDo not spamDo not send inappropriate links | 24 |
| 13 |  | 33 |
| 14 | **Four** from:Copyright is the legal and exclusive right to copy, or permit to be copied, some specific workIf you own the copyright on the content of a web page someone else cannot make a copy of it without your permissionCopyright usually originates with the creator of a work, but can be sold, traded, or inherited by othersIf you blog, take photographs, publish music, or otherwise produce copyrightable content, you legally own that contentWhether you want to let other people use it or not is your decisionIf you want to use other people’s content, you have to understand permissions and licensing, what is legal and whatisn’t//Read Terms and ConditionsSupports the original producers of the software/content | 4 |
| 15 |  | 6 |
| 16 | Max **four** from:Multiple spelling/grammatical errorsAsked to carry out tasks immediatelyAsking to click on a linkDoes not ask for you by nameStored in a SPAM folderEmail asks for personal informationLarge amount of repeated emails from same userLots of other similar email addresses in the send to boxMax **four** from:Use a spam filterNot filling your details on online formNot replying to spam emailsNot having an auto reply setNot consenting to marketing when providing details to a companyDo not give email address | 6 |

**SECTION C**

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| --- | --- | --- |
| 17 ab | **Three** from:OxygenLightpHTurbidity**Six** from:**Advantages**More accurate results producedComputer does not forget to take a readingResults are processed automaticallyReadings can be taken at more points as many humans are neededReadings can be taken that would be impossible for humansData can be analysed continuouslyReadings can be taken more frequentlySafer than using humansBetter response timeCan work 24/7Can be placed in remote areas where humans could not workFewer humans required therefore reducing the cost**Disadvantages**Computer responds less to unusual circumstancesComputer equipment can be more susceptible to atmospheric conditionsComputer equipment is more likely to be damaged or stolen by vandals**To gain full marks the discussion must have correct answers for both advantages and disadvantages** | 36 |
| 18 a b | **Four** from:Is debit card number valid/existsDoes name entered match that on systemIs expiry/start date valid/matches date stored on systemDoes security code/CVV entered match that stored on systemIs there available credit/funds in the bank accountChecks for unusual spending patternsIs card blocked/reported stolen/lostFour fromComputer looks up the date of performance/performance reference numberMatching record is retrievedChecks/Searches if the seats are availableFlags the seats to stop double booking as temporary holdReduced number of available seats by the number booked//seats flagged as fully bookedCalculate cost of seatsPrints ticket/generates e-ticketE-ticket/ticket sent to customerReceipt is printed/Verification email sentData is checked for accuracyIf booking not completed, then temporarily hold flag is removed from the seatReduce number of seats available once the booking is complete | 44 |