



GCSE EXAMINERS' REPORTS

INFORMATION AND COMMUNICATION TECHNOLOGY

JANUARY 2012

Statistical Information

The Examiners' Report may refer in general terms to statistical outcomes. Statistical information on candidates' performances in all examination components (whether internally or externally assessed) is provided when results are issued. As well as the marks achieved by individual candidates, the following information can be obtained from these printouts:

For each component: the maximum mark, aggregation factor, mean mark and standard deviation of marks obtained by *all* candidates entered for the examination.

For the subject or option: the total entry and the lowest mark needed for the award of each grade.

Annual Statistical Report

Other information on a centre basis is provided when results are issued. The annual *Statistical Report* (issued in the second half of the Autumn Term) gives overall outcomes of all examinations administered by WJEC.

UNITS

In this session only units 1 and 3 were available.

- Unit 1 - Understanding ICT
- Unit 3 - ICT in Organisations

INFORMATION & COMMUNICATION TECHNOLOGY

General Certificate of Secondary Education

Winter 2012

Chair of Examiners: Dr. Gwynne Jones

Chief Examiner: Mr. Warren Davies

Principal Moderator: Mrs. Noreen Kay

Unit Statistics

The following statistics include all candidates entered for the unit, whether or not they *cached in* for an award. The attention of centres is drawn to the fact that the statistics listed should be viewed strictly within the context of this unit and that differences will undoubtedly occur between one year and the next and also between subjects in the same year.

GCSE											
				Grade Boundary							
Unit	Entry	Max Mark	Mean Mark	A*	A	B	C	D	E	F	G
Unit 1	3184	80	53.1	74	69	64	60	50	40	30	20
Unit 3	292	80	50.7	72	68	64	60	50	40	30	20

N.B. The marks given above are raw marks and not uniform marks.

UNIT 1 - Understanding ICT

Examination

General Comment

The majority of candidates found the paper more accessible than the Summer 2011 examination paper. A number of candidates demonstrated good examination technique.

Comments on individual questions

- Q1. Well answered. Most candidates selected the most appropriate software package to use for the listed tasks.
- (b) Quite well answered. Marks were not awarded for font or text on their own.
- Q2. Well answered.
- Q3. (a) Well answered. Most candidates were familiar with the characteristics of Bluetooth.
- (b) Quite well answered. 'Plan the quickest route' and 'locates where you are', were popular answers.
- (c) Candidates lost marks by giving vague answers such as faster and quicker without qualification.
- Q4. (a) Well answered.
- (b) Well answered.
- (c) Well answered.
- (d) Candidates should use general terms such as credit cards, debit cards, secure payment sites rather than brand names to answer this type of question.
- Q5. (a) Well answered.
- (b) (i) Many candidates did not know what was meant by the term *carbon copy*.
- (ii) Quality of answers was generally disappointing.
- (c) (i) Well answered.
- (ii) Quality of answers was generally disappointing.

- Q6. All sections were very well answered.
- Q7. (a) All the sensor's conditions should be commented on.
(b) A set of instructions is expected as a response rather than an essay type answer.
- Q8. Well answered. Most candidates found this question accessible.
- Q9. (a) As in previous years many candidates confused fields with records.
(b) Most candidates gave the correct answer of **Membership Number**.
(c) To make each record unique was given by the majority of candidates.
(d) Poorly answered.
(e) Quite well answered.
(f) (i) Well answered.
(ii) Poorly answered.
(iii) Not many candidates could give specific examples of advantages to the club.
- Q10. Poorly answered. From the answers seen, many candidates had not studied electronic methods of registering pupils.
- Q11. Some answers covered three pages of text showing in depth knowledge of the subject and in some cases well above GCSE standard.

UNIT 3 – ICT in Organisations

Examination

General Comments

Many candidates found the paper accessible. Poor responses were in evidence on the applications and HCI topics.

Comments on individual questions

- Q1. Well answered. Most candidates could differentiate between input and output devices.
- Q2. (a) Well answered.
(b) Zoom, Selection, red-eye were common answers given by candidates.
(c) Optimisation, size of file, check copyright were some of the answers seen.
- Q3. (a) Well answered.
(b) Well answered.
(c) Quite well answered. Although some candidates indicated that walkways and roundabouts were associated with networks.
(d) Candidates provided acceptable answers such as passwords, firewalls and encryption.
- Q4. (a) Poorly answered.
(b) Well answered.
(b) Poorly answered.
- Q5. (a) Well answered.
(b) (i) Many candidates did not know what was meant by the term *rotoscoping*.
(ii) The quality of answers was generally disappointing.
(c) Candidates should have addressed a high frame and a slow frame rate to gain the marks available.

- Q6. All sections were very well answered
- Q7. (a) Quite well answered.
(b) (i)&(ii) The quality of answers varied from centre to centre.
- Q8. (a) Poorly answered.
(b) Poorly answered.
(c) Poorly answered.
(d) Poorly answered.
- Q9. (a) Poorly answered.
(b) Poorly answered.
(c)&(d) Quite well answered.
- Q10. (a) Well answered.
(b) Poorly answered. From the answers seen, many candidates had not studied Hash and Batch totals.
(c) Range check was an answer given by many candidates.
- Q11. Some responses covered three pages of text showing in depth knowledge of the subject.



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