UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the October/November 2010 question paper

for the guidance of teachers

0417 INFORMATION AND COMMUNICATION TECHNOLOGY

0417/02 Paper 2 (Practical Test A), maximum raw mark 80

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination. It shows the basis on which Examiners were instructed to award marks. It does not indicate the details of the discussions that took place at an Examiners' meeting before marking began, which would have considered the acceptability of alternative answers.

Mark schemes must be read in conjunction with the question papers and the report on the examination.

- CIE will not enter into discussions or correspondence in connection with these mark schemes.

CIE is publishing the mark schemes for the October/November 2010 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

UNIVERSITY *of* **CAMBRIDGE**
International Examinations

Path + Filename

Contact list
Address correctly added with name including candidate number   2 marks

Candidate name Centre number Candidate number

Path + Filename

Data types

Field names identified and used		1 mark
Size	numeric 1 dp	
Price	currency 2 dp	
Number	Integer	2 marks
(Check on reports)		
Stock item	yes/no	2 marks
(1 mark if text)		

Ignore ID field – or other key fields

Date

Candidate name Centre number Candidate number

Path + Filename

Heading   100% correct   1 mark
Search   on *Number <2 and Stock item =Yes*   1 mark
Sort   on *Make* ascending)   1 mark

Kites we need to restock

Make	Model	Size	Price	Skill level	Wind condition	Use	Number	Stock item	Order
Airush	Vapour	16.0	999.00	Beginner	Low	Kite Surf	1	Yes	2,997.00
Airush	Flow	15.0	898.95	Beginner	Low	Kite Surf	0	Yes	2,696.85
Airush	Flow	5.0	699.00	Beginner	High	Kite Surf	1	Yes	2,097.00
Best	Nemesis	12.0	979.00	Beginner	Medium	Kite Surf	1	Yes	2,937.00
Flexifoil	Blurr	3.5	299.00	Intermediate	Medium	Buggy	1	Yes	897.00
Flexifoil	Ion III	16.5	1,138.95	Intermediate	Low	Kite Surf	1	Yes	3,416.85
Flexifoil	Blade IV	6.5	409.00	Experienced	Low	Freestyle Buggy / Land board	1	Yes	1,227.00
Flexifoil	Rage	.5	180.00	Beginner	High	Buggy / Land board	1	Yes	540.00
Flysurfer	Speed 2		1,179.00	Intermediate	Medium	Land board	1	Yes	3,537.00
Flysurfer	Pulse 2		699.99	Intermediate	High		Yes		2,099.97
Flysurfer	Speed 2		979.00	Intermediate	High			Yes	2,937.00
Ozone				inner	High			Yes	1,443.00
Ozone				inner	Medium	Land board	1	Yes	689.85
Ozone	Frenzy FX	13.0	754.95	Experienced	Low	Snow kite	1	Yes	2,264.85
Ozone	Yakuza	2.2	234.95	Experienced	High	Buggy Racing	1	Yes	704.85
Peter Lynn	Hornet	6.0	224.95	Beginner	Low	Buggy / Land board	0	Yes	674.85
Peter Lynn	Hornet	3.0	142.95	Beginner	High	Buggy / Land board	0	Yes	428.85
Slingshot	Turbo 2	9.0	779.00	Intermediate	Medium	Kite Surf	1	Yes	2,337.00

Data entry   3 records 100% ok   3 marks
Order of fields not important

Order   Calculated field *Price x 3*   2 marks
Format *Order* field currency 2dp   1 mark

Name, candidate number, centre number

Data and labels fully visible and report fits on a single page wide 1 mark
Orientation   Landscape   1 mark

Total order value   33,926

Sum   Total of *Order*   2 marks
Format sum   currency 0 dp   1 mark
Label   **Total order value**   1 mark
Footer Name on left of page   1 mark

Date

Candidate name Centre number Candidate number   Path + Filename

Special offer for kite surfers
Make: Ozone
Model: Instinct Light
Size: 5
Price: 561.00
Wind condition: High
Name candidate no
Centre no

Special offer for kite surfers
Make: Peter Lynn
Model: Vortex
Size: 8
Price: 561.99
Wind condition: High
Name candidate no
Centre no

Special offer for kite surfers
Make: Ozone
Model: Instinct Light
Size: 9
Price: 651.00
Wind condition: medium
Name candidate no
Centre no

Special offer for kite surfers
Make: Slingshot
Model: Turbo 2
Size: 9
Price: 779.00
Wind condition: Medium
Name candidate no
Centre no

Special offer for kite surfers
Make: Slingshot
Model: Rev
Size: 11
Price: 849.00
Wind condition: Medium
Name candidate no
Centre no

Special offer for kite surfers
Make: Ozone
Model: Instinct Edge
Size: 11
Price: 927.00
Wind condition: Medium
Name candidate no
Centre no

Special offer for kite surfers
Make: Best
Model: H.P Nemesis 13
Size: 14
Price: 1069.00
Wind condition: Medium
Name candidate no
Centre no

Special offer for kite surfers
Make: Flexifoil
Model: Ion III
Size: 16.5
Price: 1138.95
Wind condition: Low
Name candidate no
Centre no

Labels	2 side by side (selection produces 8 labels only)	1 mark
Heading	100% correct	1 mark
Search	Stock item = *Yes* and Skill level is not *Beginner* and Use contains *Kite Surf*	3 marks
Sort	Ascending *Size*	1 mark
Data	only specified fields	1 mark
	each on new line	1 mark
Field names	visible for each field	1 mark
Text	Name and numbers at bottom of each label	1 mark

Date

Candidate name Centre number Candidate number

Path + Filename

Header Automatic file name right   1 mark
Candidate no. and Centre no. left   1 mark
Alignment +/– 5mm of / margins

Heading Spelling correct
36 point sans serif font
Underlined and right aligned   2 marks

EKS Club News

Report by: name

Subheading
Spelling correct
18 point sans serif font
Italic only, right aligned 2 marks

Power kites have been around for over 3[...] [...]diate kite practice and learning driving skills. We sport o[...]wer kiting has progressed unbe[...] [...]r advanced jumping or race practice. Be careful on of 2 line [...] kites to the immense po[...] [...] you will need armour protected clothing as speeds power kite. W[...]tched the sport evolve and with it we have will be much faster than over grass and the surface is very hard if you brought [...] [...]the top crash! manufac[...] [...]r kites

Page layout   changes here   1 mark

in the world. There is no other sport that gives you such an adrenaline rush. Remember the wind is always free!

Before you use a kite to ride, you need to learn to fly it. A two line kite is easy to learn to fly. One line is attached to each wrist and you pull the left one to make the [...] [...]. Pull the right to [...] the kit[...] to the right. Landing [...] edge of the window [...] ground. [...] you. At [...] fly lowe[...]

Our Extreme Sports Centre gives you the opportunity to come and experience the world of kiting, from two line [...]

Image placed here
Aligned to top of text and to left margin 1 mark
Resized to 3 cm high   1 mark
With aspect ratio maintained   1 mark

Our centre ha[...] complete, fro[...] equipment hire[...] else. We have now moved to our new home on a disused airfield covering over fifty acres of fields which lie between the old runways.

Body text   2 columns with 1 cm spacing   1 mark
10 point serif font
single line spacing
fully justified   2 marks
Applied to all paragraphs with
consistent one line spacing between   1 mark

[...] kite is needed for surfing, boarding, gliding, etc. The top two lines are the power lines and the bottom two provide the brakes. The lines are connected to a ha[...] [...]ines, the kite will take off and [...] [...]te to come down and land. It is [...] without the assistance of a[...]

Document layout
Page size A4
landscape   2 marks
Margins   all 4 cms   1 mark

On the small [...] [...]line kites for begi[...] [...]for

Footer date right   1 mark
Page no. centre 1 mark
aligned to margin +/– 5mm

Date

Candidate name Centre number Candidate number   Path + Filename

fly your kite safely, you can ~~~~ you in your chosen vehicle.

Numbers applied to correct text   1 mark
No space between numbered items

We strongly recommend that ~~~~ take some tuition and that you follow some basic safety rul~~~~

1. Do not attempt to learn power kiting without training

2. Insure yourself with third party insurance

3. Always wear safety protection (helmet and pads)

4. Never fly near power lines, roads, airports, or trees

5. Never fly in stormy weather

6. Never fly upwind of a group of people

7. Never over estimate your own ability

If you follow all those rules, you will also maximise your chances to have a great time flying your kites! We require that you use kite killers when flying on the club fields. The~~~~ wrists to the kite brake lines. If you~~~~ set the brakes on and bring the kite ~~~~

One of the most important aspects ~~~~ kite safely. Recognising surroundin~~~~ of the weather conditions is vital. ~~~~ into serious trouble before you reali~~~~ our experiences and teach you whe~~~~ kites.

Our Air academy tuition centre gives you the chance to learn the sport from qualified instructors offering the highest ~~~~ ~~~~ within the kiting world. Here are some courses that we ~~~~

Paragraph   deleted from here   1 mark
The Power Kite School courses are structured …
practice and safety to be covered.

Learn to use yo~~~~				
Course	Level	Duration	Cost	Group
Power kite taster	Beginner	1 hour	15.00	Max 4
Basic driving techniques	Intermediate	1 day	75.00	Max 4
Advanced flying or driving skills	Advanced	3 hours	80.00	1 to 1

Next to ~~~~ ~~~~ afety must never been compromised. Ensure you wea~~~~ ~~~~ of kite safety equipment for the kite sport you are ~~~~ ~~~~ w Pads and Body Armour are essential ~~~~ r Power kite shop holds all of the kite ~~~~ anufacturers that will minimise your ~~~~ protect your eyes! Even in winter the ~~~~ ion. So wear good sunglasses.

Table   in correct place within margins   1 mark
         5 columns and 5 rows   1 mark
         Data entry – 100% accurate and text wrapped
         with no split words and aligned to top of cell   2 marks
         Top 2 rows centre, underlined   2 marks
         Top row cells merged   1 mark
         Top 2 rows shaded   1 mark
         All grid lines showing and about 2 points thick   1 mark

~~~~ with a small kite, you may soon want a ~~~~ ere are some small kites suitable for a ~~~~ still be suitable as you progress to intermediate skills:

Date

Candidate name Centre number Candidate number   Path + Filename

Make	Model	Size	Price
Peter Lynn	Hornet	2.0	114.95
Flexifoil	Rage	1.8	150.00
Ozone	Cult	2.0	178.95
Flexifoil	Rage	2.5	180.00
Ozone	Cult	2.5	204.95

For real adventure take your kite and buggy out into the desert in Dubai

DB extract   Placed here   1 mark
        Size<3   and Skill level *Beginner*   2 marks
        Sorted ascending by *Price*   1 mark
        Specified 4 fields visible within margins 1 mark
Column headings may differ. (Format and alignment not tested)

We have been running, and are planning, a number of kiting holidays for club members. These are for specific sports and in well known locations around the world. For example, last year we led a successful and enjoyable trip to Sharm el Sheikh in Egypt to learn to kite surf. Kite surfing is a three dimensional water sport that has evolved from surfing, skate boarding and power kiting. Being able to pull 25-30 foot ju[...] combining aerial tricks and board jumps gives power kite [...] the "splash of colour" it truly deserves.

We are also going back to Norway for a snow ki[...]. As snow kiting is becoming more and more popular[...]ers want us to

Here are details of planned trips:

Destination	Country	Sport	Dates
Sharm el Sheikh	Egypt	Kite surf	May 2011
Bergen	Norway	Snow board	Jan 2011
Denver	USA	Para gliding	Sept 2011
Dubai	Emirates	Desert trekking	Oct 2011
Oxford	UK	Kite festival	June 2011

Table
        File found   1 mark
        Text inserted in correct place   1 mark
        (within margins)
        Text displayed as a table   1 mark
        Table format consistent with first table 2 marks
(ie font matched, top row shaded, top row text centred and underlined, text wrapped and aligned to top of cell, lines 2–2.5 width).

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Date

Candidate name Centre number Candidate number   Path + Filename

Our Power Kite shop also has all the power kite accessories you could ask for, from power kite Magazines, backpacks, line wax, to kite sport DVDs, specialist kite clothing, wind meters, and kite harnesses.
Come and spend some time with us, and find out what power kiting is all about.

No widows / orphans
No split lists over columns / pages
No split tables / charts   1 mark
Document complete / paragraphs intact   1 mark

New message
Address: design.h@cie.org.uk   1 mark
CC   Sports Manager XXXX
                        Events.eks@cie.org.uk (from address book)   1 mark
Subject line   Draft club news article   1 mark
Message text   Candidate details and
                        Here is the draft news letter you asked me to prepare.   1 mark
Attachment present   document as saved by candidate   1 mark

Date