

**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.

| | | | |
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Candidate name Centre number Candidate number

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

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 | Henry IX | 15.0 | 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

| | | | |
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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 <i>Beginner</i> and Use contains <i>Kite Surf</i> | 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 |

| | | | |
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Candidate name Centre number Candidate number

Path + Filename

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

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

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 30 years. The sport of power kiting has progressed unbelievably in the last 10 years. It is a sport of 2 line kites to the immense popularity of the power kite. We have watched the sport evolve and with it we have brought the sport to the top of the world. There is no other sport that gives you such an adrenaline rush. Remember the wind is always free!

Page layout changes here 1 mark

mediate kite practice and learning driving skills. We advanced jumping or race practice. Be careful on you will need armour protected clothing as speeds will be much faster than over grass and the surface is very hard if you crash!

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 kite fly to the right. Landing the kite is the right. Landing the kite on the edge of the window is the right. Landing the kite on the ground. you. At fly lower



Our Extreme Sports Centre gives you the opportunity to come and experience the world of kiting from two line kites. Our centre has everything you need to get started, complete, from kites to harnesses, and we have equipment hire available. We have now moved to our new home on a disused airfield covering over fifty acres of fields which lie between the old runways.

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

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

On the small kites for begin

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

kite is needed for surfing, boarding, grinding, etc. The top two lines are the power lines and the bottom two provide the brakes. The lines are connected to a harness. When you pull the lines, the kite will take off and fly. When you let go, the kite will come down and land. It is important to fly without the assistance of a

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

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

Our Air academy tuition centre gives you the chance to learn the sport
from qualified instructors offering the most up to date leads 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.

We strongly recommend that you take some tuition and that you follow
some basic safety rules:

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

| Learn to use your kite | | | | |
|-----------------------------------|--------------|-----------------|-------------|--------------|
| <u>Course</u> | <u>Level</u> | <u>Duration</u> | <u>Cost</u> | <u>Group</u> |
| 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 |

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 kite killers are used to cut the
wrist to the kite brake lines. If you use a kite killer, you must
set the brakes on and bring the kite down.

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

One of the most important aspects of kiting is kite safety. Recognising surrounding
of the weather conditions is vital. You can get into serious trouble before you realise it.
Our experiences and teach you when you fly your kites.

Next to the kite, safety must never be compromised. Ensure you
wear your safety harness and use the correct type of kite safety equipment for the kite sport you are
flying. Wrist Pads and Body Armour are essential for Power kite shop holds all of the kite
equipment. Always use safety goggles to protect your eyes! Even in winter the sun can be
strong. So wear good sunglasses.
If you start with a small kite, you may soon want a larger one. There are some small kites suitable for a
beginner. They will still be suitable as you progress to intermediate skills.

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 jumps combining aerial tricks and board jumps gives power kite surfers the "splash of colour" it truly deserves.

We are also going back to Norway for a snow kite holiday. As snow kiting is becoming more and more popular, more and more people want us to

Here are details of planned trips:

| <u>Destination</u> | <u>Country</u> | <u>Sport</u> | <u>Dates</u> |
|--------------------|----------------|-----------------|--------------|
| 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 (within margins) 1 mark
 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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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 |