UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS

International General Certificate of Secondary Education

MARK SCHEME for the May/June 2011 question paper for the guidance of teachers

0417 INFORMATION AND COMMUNICATION TECHNOLOGY

0417/22

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.

• Cambridge will not enter into discussions or correspondence in connection with these mark schemes.

Cambridge is publishing the mark schemes for the May/June 2011 question papers for most IGCSE, GCE Advanced Level and Advanced Subsidiary Level syllabuses and some Ordinary Level syllabuses.

Centre number

Header

Centre no left Candidate name centre and cand no right aligned 1 mark

Scheme: Teachers' version Syllabus Paper SCSE – May/June 2011 0417 22

Candidate number

Export facilities at Port Pepard

New developments reporte

Location of Port Pepard

The Northwest region country has a long coast line of over two thousand kilometres ax visting ports in over forty locations. Many of these traditional ere unsuited to the large container ships or bulk carriers sites have been found for developing several new m the massive ships required by today's New subhead entered and formatted is Pepard on the south eastern coa Subheads identified and formatted 12 pt italic, sans serif, centred been developed specifically to handle the of cars. These have been built to meet national and world demands for small, economical and environmentally friendly, family transport. Text moved 1 mark

One of the unique features of Port Pepard is the availability of large tracts of land. This is attractive to several customers who wish to set up tank farms or warehouse facilities on site. A car storage facility is built here while awaiting shipping. Cars will be brought in by rail and loaded into containers in a newly developed context deleted 1 mark

Development

Port Pepard, a success emerging as an important gate Date left 1 mark for containers, bulk and region's largest city, Port Pepard provides

v: a candidate

access to the main trade lines in the north western andling facilities are developed to manage the

Title entry accurate, formatted 36 point sans-serif, underscored and aligned centre 2 marks
Subtitle entry accurate, formatted 18 point sans-serif italic and centre aligned 2 marks

container inals has amals in 31

1 mark 1 mark er in Port Pepard.

With a 54% stake, APM

The Waterfront

Port Pepard offers a total quay length of 1075 metres and accepts vessels of up to 14 metres draft. There is an ondock rail facility with dedicated sidings to handle containers, bulk and break-bulk cargo. It also offers extensive back-up infrastructure, including warehousing facilities, open stack yards, weigh bridges and dedicated rail sidings.

Excellent Connectivity

Port Pepard is well connected by road and rail to the rest of the country. It is directly connected by the broad gauge rail network of the National Railways. Port Pepard has set up a joint venture with the National Railways – Pepard Rail Corporation Limited, making it possible to offer the most competitive rail freight and transit times in the western coast. New links have also been developed with new

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Page 3 Mark Scheme: Teachers' version Syllabus Paper

IGCSE – May/June 2011 0417

Candidate name Candidate nur Page layout Size A4

Centre number

scheduled services being provided plant.

manufacturing

	_	
Image		lane
Appropriate image found	1 mark	The
Placed correct position in text	1 mark	onal
Aligned to left margin and		Onar
resized to fill column width with no distortion	1 mark	J

Port Pepard has the most competitive rail freight rates coupled with excellent transit times as compared to other gateway ports on the West Coast. Port Penard is now connected to its hinterland by the **Body text** onal Railways and is Font serif, 12 point land 1 mark Single ls, with 1 cm first line indent 2 marks container depots rail Fully justified 1 mark connectivity pro Rail All paragraphs intact 1 mark Corporation Limited mited

and the Ministry of Railways. Port Pepard has an equity stake of 39% in PRCL. The Port can handle incoming and outgoing trains simultaneously and the current capacity of the rail link is 22 trains

Page layout
Size A4

per day. At present, trains per day.

Page layout
Size A4

Landscape
Margins 3 cms
1 mark
e 2

Port Pepard is the first port in this country to receive double stacked container trains (March 2010), which have a capacity of carrying 180 cars as against 90 cars carried in a

capacity of carry	ring 160 cars as against 90 t	cars carrie	ı III a			
single stack tra	iv .		viner			
trains run to th	Table					
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	Text entry	2 marks				
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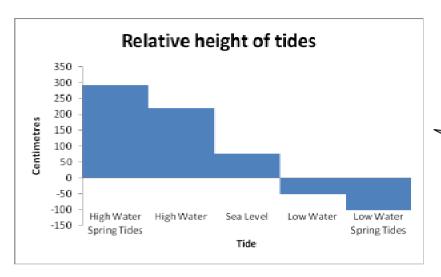
Tide Height Level Code **High Water Spring Tides** High **HHWS** +292 cm Mean High Water **MHHW** +219 cm High Mean Sea Level MSL +76 cm Mean Low Water -50 cm **MLLW** Low Low Water Spring Tides **LLWS** -101 cm Low Note: All levels are with reference to Chart Datum

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Page 4	Mark Scheme: Teachers' version	Syllabus	Paper
	IGCSE – May/June 2011	0417	22

Centre number

Candidate name Candidate number



These favourable conditions at Port Pepard ensure easy and safe navigation of ships all year round. Thanks to the twin islands, Port Pepard can offer its services throughout the year, even during the monsoons, which provides an added advantage to its customers.

_			
	Chart		
	Created from correct data and in correct place	1 mark	
	Resized to fit within margins of column	1 mark	
	Title	1 mark	
	Series labels displayed in full	1 mark	
	Axis titles Centimetres and Tide	1 mark	
	No legend	1 mark	

Page 5	Mark Scheme: Teachers' version	Syllabus	Paper
	IGCSE – May/June 2011	0417	22

Centre number Candidate name Candidate number

Latest	t UK Delive	rv M	anifest			Report title	1 mark			mark
Model	VIN	Fuel	Engine Size	Cost Price	Colour	Port	Distributor			mark mark
Micro	376B15423019	1	600	€850.00	White	Harwich	UKMI PLC		· • • • • • • • • • • • • • • • • • • •	mark
Micro	376C15423008	1	600	€850.00	White	Harwich	UKMI PLC	€935.00	·	
Micro	376C15423005	1	600	€850.00	Green	Harwich	UKMI PLC	€935.00		
Micro	377C15423018	1	600	€850.00	Red	Harwich	UKMI PLC	€935.00		
Micro	376C15423009	1	600	€& 200	Red	Harwich	UKMI PLC	€935.00		
Micro	376B15423020	1	600	€850.	Red	Harwich	UKMI PLC	€935.00		
Micro	377B15423003	1	600	€850.00		Harwich	UKMI PLC	€935.00		
Micro	377C15423006	1	600	€850.	→ 3 Added re	ecords 3 marks	UKMI PLC	€935.00		
MicroB	376C15423001	1	500	€750.0 0	Oreen	TIAI WICH	UKMI PLC	€825.00		
MicroB	377A15423015	1	500	€750.00	White	Harwich	UKMI PLC	€825.00		
MicroEco	377B15423006	4		€1,300.00	Green	Harwich	UKMI PLC	€1,430.00 \		
MicroEco	377A15423009	4		€1,300.00	Red	Harwich	UKMI PLC	€1,430.00		
MicroEco	376B15423011	4		€1,300.00	Blue	Harwich	UKMI PLC	€1,430.00		
MicroSE	377A15423004	3	900	€1,200.00	Green	Harwich	UKMI PLC	€1,320.00		
MicroSE	376B15423017	3	900	€1,200.00	Blue	Harwich	UKMI PLC	€1,320.00		
MicroSE	377C15423020	3	900	€1,200.00	Gold	Harwich	UKMI PLC	€1,320.00		
MicroSE	377A15423003	3	900	€1,200.00	Green	Harwich	UKMI PLC	€1,320.00	Calculated field	2 marks
MicroSE	377B15423008	3	900	€1,200.00	Silver	Harwich	UKMI PLC	€1,320.00	format with Euro sign and 2 d	p 1 mark
MicroSE	377B15423014	3	900	€1,200.00	Red	Harwich	UKMI PLC	€1,320.00		
MicroSE	377A15423001	3	900	€1,200.00	Gold	Harwich	UKMI PLC	€1,320.00		
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MicroZed	376B15423005	2	1200	€1,100.00	White	Harwich	UKMI PLC	€1,210.00		
Name, Centre	number, Candidate Numl	ber		idate details om left 1	mark					

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Page 6	Mark Scheme: Teachers' version	Syllabus	Paper
	IGCSE – May/June 2011	0417	22

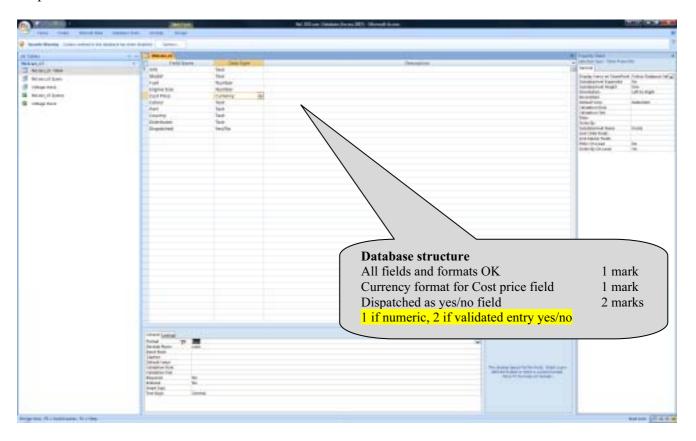
Centre number Candidate name Candidate number

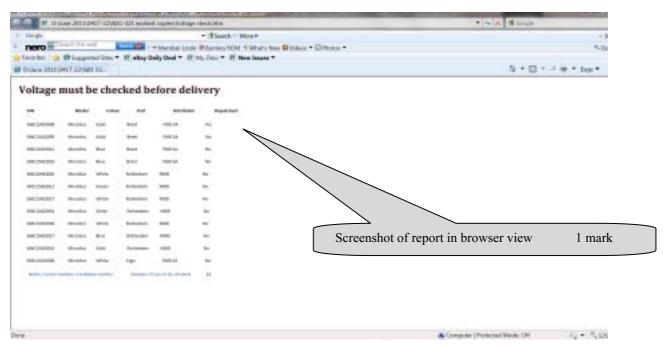
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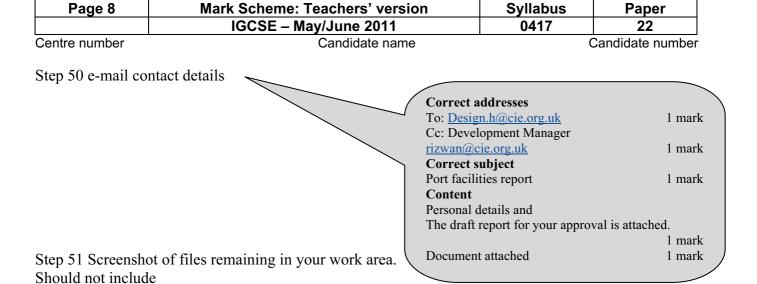
VIN	Model	Colour	Port	\searrow		
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366C15423013	MicroEco	Blue	Brest	FMD SA	No	
366C15423018	MicroEco	Blue	Brest	FMD SA	No	
365C15423010	MicroEco	White	Rotterdam	NMD	No	
365C15423011	MicroEco	Green	Rotterdam	NMD	No	
365C15423017	MicroEco	White	Rotterdam	NMD	No	
366C15423001	MicroEco	Silver	Rotterdam	NMD	No	
366C15423004	MicroEco	White	Rotterdam	NMD	No	
366C15423017	MicroEco	Blue	Rotterdam	NMD	No	
366C15423019	MicroEco	Gold	Rotterdam	NMD	No	
366C15423006	MicroEco	White	Vigo	EMD SA	No	
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2 criteria 365C* or 366C* 2 marks selection on Fuel = 4 Dispatched=No Field sort order Port then VIN ascending 2 marks 2 marks			Ow	vn details at bo	uom of report	mark

Page 7	Mark Scheme: Teachers' version	Syllabus	Paper
	IGCSE – May/June 2011	0417	22
Centre number	Candidate name		Candidate number
Evidence document Step 2 Contact entry	Add contact wit rizwan@cie.org.uk Development M		2 marks

Step 39 Database field structure screenshot here:







J11Evidence.rtf,

J11Port22.rtf,

Files deleted 1 mark

J11Cars22.csv

