

#### **CAMBRIDGE INTERNATIONAL EXAMINATIONS**

**GCE Advanced Subsidiary and Advanced Level** 

### MARK SCHEME FOR the May/June question papers 2002

# 9691 Computing

9691/02 Paper 2 Structured Practical Tasks

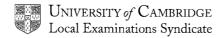
These mark schemes are published as an aid to teachers and students, to indicate the requirements of the examination. They show the basis on which Examiners were initially instructed to award marks. They do not indicate the details of the discussions that took place at an Examiners' meeting before marking began. Any substantial changes to the mark scheme that arose from these discussions will be recorded in the published *Report on the Examination*.

All Examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

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 May/June 2002 question papers for most IGCSE and GCE Advanced Subsidiary (AS) Level syllabuses.





#### **MAY/JUNE 2002**

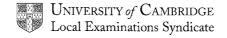
### ADVANCED SUBSIDIARY AND ADVANCED LEVEL

## **MARK SCHEME**

**MAXIMUM MARK: 60** 

**SYLLABUS/COMPONENT: 9691/02** 

**COMPUTING** 





Centre Number	Centre Name	
<b>Candidate Number</b>	Candidate Name	

The mark points indicated on the mark scheme are listed below. Indicate with a tick where each mark has been awarded.

Question 1(a)		✓
Maximum 9 marks	Diagram to include:	
	at least three levels	
	actions in correct sequence to work	
	Initialise	
	set totals to zero	
	generate two numbers	
	keep running total of throws	
	process two numbers	
	calculate total score	
	add one to total occurrences of score	
	output totals of each total score	
	output percentages for each total	
	Sub-Total 1(a)	
Question 1(b)		
Maximum 7 marks	Algorithm to include:	
	set totals to zero	
	set loop	
	generate two random scores	
	calculate total score	
	add one to correct total score position in array	
	check loop	
	output loop start at 2	
	output score, total score, percentage	
	Sub-Total 1(b)	
Question 2(a)		
Maximum 10 marks	Evidence that information about the centre has been collected	
	Information collected is relevant to the audience for the	
	presentation	
	Information categorized into sections	
	Evidence of a story board, or similar to show order	
	Evidence of consideration of presentation style:	
	background type/colour	
	font type/style/colour	
	use of logo	
	use of clipart	
	use of photos	
	use of scanned images	
	use of animation	
	use of sound	
	use of video clips	<u> </u>
	Sub-Total 2(a)	



Question 2(b)			
Maximum 11 marks	Presentation appropriate for audience		
	Presentation contains relevant information		
	Suitably linked slides		
	Consistent style of slides		
	Good use of colour		
	Sensible use of font type/ style/colour		
	Readable (from a distance)		
	Animation appropriate		
	Use of appropriate sound		
	Use of logo		
	Use of clipart		
	Use of photos		
	Use of scanned images		
		Sub-Total 2(b)	
Question 2(c)	Evidence of evaluation of presentation		
Maximum 3 marks	Based on audience reaction		
maximum o mamo	What improvements to be made and why		
	Triac improvemente to so made and mily	Sub-Total 2(c)	
Question 3(a)	Spreadsheet Software		
Maximum 6 marks	Columns for:		
maximum o mamo	name		
	five test results		
	average of test results		
	Conditional formulae		
	grade awarded		
	correct formulas		
	Control Ionnaide	Sub-Total 3(a)	
Question 3(b)			
Maximum 6 marks	Test marks between 0 and 100:		
maximum o marko	Numeric		
	integer		
	visual checking		
	double entry (2 columns)		
	use of data validation on cells		
	use of error messages		
	acc or error messages	Sub-Total 3(b)	
Question 3(c)		Cub i Cui C(b)	
Maximum 5 marks	Print out of spreadsheet:		
maximum o mamo	print out of spreadsheet with formulae		
	use of SUM or alternative		
	use of COUNT or alternative		
	use of AVERAGE or alternative		
	use of IF or alternative conditional formulae		
	255 57 11 O. GROMANIO GONARIONALIONIMIA	Sub-Total 3(c)	
Question 3(d)			
Maximum 3 marks	Does it solve the problem?		
Maximum 5 marks	Ease of use?		
_	Further improvements		
	Further improvements	Sub-Total 3(d)	