451/3 SG COMPUTER STUDIES (Project) April 2022 to October 2022 SCORING GUIDE



THE KENYA NATIONAL EXAMINATIONS COUNCIL

Kenya Certificate of Secondary Education

COMPUTER STUDIES (PROJECT)

SCORING GUIDE (CONFIDENTIAL)

THIS SCORING GUIDE IS THE PROPERTY OF THE KENYA NATIONAL EXAMINATIONS COUNCIL AND IT MUST BE RETURNED TO THE KENYA NATIONAL EXAMINATIONS COUNCIL AT THE END OF MARKING EXERCISE.

This scoring guide consists of 4 printed pages.

ITEM		MAXIMUM MARKS	MARKS AWARDED
1. TITLE PAGE			
(a) Name and index number of candidate		1/2	
(b) Title of the project		1/2	
(c) Year of examination		1/2	
(d) Name of school		1 2	
	Total	2	
2. PRELIMINARY PAGES			
(a) Declaration		1/2	
(b) Dedication		1 2	
(c) Acknowledgement		2	
(i) Existence		1 2	
(ii) Relevance		1 2	
(d) Table of contents		2	
(i) List of contents		1	
(ii) Correct referencing		1	
(iii) Completeness (all major headings included)		1	
(e) List of figures/tables			
(i) List of figures/tables		1	
(ii) Correct referencing		1	
	Total	7	
3. INTRODUCTION			
(a) Existence		1	
(b) Relevance		1	
	Total	2	
4. ANALYSIS			
(a) Problem definition		1	
(b) Existing system			
(i) Overview		1	
(ii) System structure		1	
(c) Proposed system			
(i) Objectives		1	
(ii) Scope of the system		1	
(iii) Benefits		2	
(iv) Feasibility (at least 3 @ 1 mark each)		3	
	Total	10	

922120 2

	ITEM	MAXIMUM MARKS	MARKS AWARDED
5.	SYSTEM DESIGN		
	(a) System flow chart		
	(i) Correct symbols	1	
	(ii) Logic	1	
	(iii) Accompanying text	1	
	(b) Appropriate fields and data types (any 20 fields @ ½ mark for every 2	5	
	(c) Grouping variables into appropriate entities (at least 5 entities)	5	
	(c) Input design (at least 3) @ 1 mark each	3	
	(d) Output design (at least 4) @ 1 mark each	4	
	Total	20	
6.	SYSTEM CONSTRUCTION		
	(a) Tables (at least 5 @ 1 mark each)	5	
	(b) Relationships (at least 4 correct links @ 1 mark each)	4	
	(c) Input screens (at least 4 screen @ $\frac{1}{2}$ mark each	2	
	(d) Data manipulation (use of any of queries, procedures, functions, modules or combinations) to obtain the following:		
	- Payments for services to farmers	2	
	- Payments made to farmers for delivery	3	
	- Transport earnings	2	
	- Sales to clients	2	
	- Income from training	2	
	- Total income to the company	3	
	- Company profit	3	
	(e) Reports (at least 3 @ 1 mark each)	3	
	Total	31	

3 Turn over

	ITEM		MAXIMUM MARKS	MARKS AWARDED
7.	DEMONSTRATION BY THE CANDIDATE			
	(a) Loading/running the system		1	
	(b) Data capture		2	
	(c) Navigation (use of appropriate navigation buttons)		2	
	(d) Data maintenance (edit, append, delete)		2	
	(e) Input validation (any 4 @ ½ mark)		2	
	(f) Results (any 5 reports with summary @ 1 mark each)		5	
		Total	14	
8.	USER MANUAL			
	(a) Installation guide/requirement		1	
	(b) Loading process		1	
	(c) Navigation guide		1	
	(d) Procedure of generating output		1	
		Total	4	
9.	MISCELLANEOUS			
	(a) Conclusion		1	
	(b) Recommendation		1	
	(c) Bibliography		1	
	(d) Appendices		1	
		Total	4	
10.	PROJECT REPORT			
	(a) Binding		1	
	(b) Fully typed text		2	
	(c) All diagrams drawn using a software application tool		2	
	(d) Logical sequencing of content		1	
		Total	6	
	GRAND TOTAL		100	

THIS IS THE LAST PRINTED PAGE.

922120 4