

840/2
COMPUTER STUDIES
PRACTICAL
Paper 2
July 2018
2¹/₂ Hours

RESOURCEFUL MOCKS 2019
UGANDA CERTIFICATE OF EDUCATION
COMPUTER STUDIES

Paper 2

(PRACTICAL)

2¹/₂ Hours

INSTRUCTIONS TO CANDIDATES

This paper consists of two sections, A and B.

Answer all questions in section A and two questions in section B

Each candidate will require a new a CD-R, CD-R/W or a Flash disk diskette of high density.

Create a folder on hard disk drive c bearing your name and UNEB personal number. Save all your attempted questions in the above folder

Each candidate must produce a hard copy for each of their work to accompany the CD

SECTION A (40 MARKS)

Answer all questions from this section.

1. (a) Open an appropriate word processing program and prepare the following extracted document from https://en.wikipedia.org/wiki/2018_FIFA_World_Cup as it appears:
(08 marks)

2018 FIFA World Cup

The **2018 FIFA World Cup** will be the 21st FIFA World Cup, a quadrennial international football tournament contested by the men's national teams of the member associations of FIFA. It is scheduled to take place in Russia from 14 June to 15 July 2018, after the country was awarded the hosting rights on 2 December 2010. This will be the first World Cup ever held in Eastern Europe, and the first held in Europe since 2006, all but one of the stadium venues are in European Russia, west of the Ural Mountains to keep travel time manageable.

The final tournament will involve 32 national teams, which include 31 teams determined through qualifying competitions and the automatically qualified host team. A total of 64 matches will be played in 12 venues located in 11 cities. The final will take place on 15 July in Moscow at the Luzhniki Stadium.

The winners will qualify for the 2021 FIFA Confederations Cup.

Host selection

The bidding procedure to host the 2018 and 2022 FIFA World Cups began in January 2009, and national associations had until 2 February 2009 to register their interest. Initially, nine countries placed bids for the 2018 FIFA World Cup, but Mexico later withdrew from proceedings, and Indonesia's bid was rejected by FIFA in February 2010 after the Indonesian government failed to

submit a letter to support the bid. During the bidding process, the three remaining non-UEFA nations (Australia, Japan, and the United States) gradually withdrew from the 2018 bids, and the UEFA nations were thus ruled out of the 2022 bid. As such, there were eventually four bids for the 2018 FIFA World Cup: England, Russia, Netherlands/Belgium, and Portugal/Spain

You are Required to:

- (i) Create another copy of the same document on page two without retyping. (01 mark)
- (ii) Centre align, and underline the heading of the pasted document. (02 marks)
- (iii) Apply a picture of football as water mark to the document. (02 marks)
- (iv) Design the rest of the document to have 1.5 spacing and justified. (02 marks)
- (v) Include **Wikipedia, the free encyclopedia** as footnotes on the word **Luzhniki**. (02 marks)

- (vi) Provide your personal number and name on the footer. (01 mark)
- (vii) Save your document with your name and personal number. (01 mark)
- (viii) Print the entire document. (01 mark)

(b) Abili Secondary School received the following products from different suppliers at the beginning of term II 2017.

	A	B	C	D	E	F	G
1	ABILI SECONDARY SCHOOL						
2	Product	Quantity (Bag)	Cost per 50 kg Bag (Sh.)	Total Cost	VAT	Net pay	Grade
3	Sugar	20	225,000				
4	Posho	50	85,000				
5	Cement	70	40,000				
6	Rice	30	125000				
7	Millet	5	80,000				
8	Cassava	15	50,000				
9	Irish	17	400,000				
10	Onion	4	500,000				
11	Bean	60	150000				
12							
13	Tax =			18%			

- (i) Use available spreadsheet application to enter the entire records in the table. (04 marks)
- (ii) Apply functions or formula to automatically compute:
- Total Cost of these products. (02 marks)
 - The VAT if its 18% of the total cost. (02 marks)
 - The Net pay per each product supplied. (02 marks)
- (iii) In column G, use function to position these products beginning with the most expensive one as position 1 and end with the less expensive one as position 11. (03 marks)
- (iv) Draw a column graph to compare the net pay for these products. Label the axes and title clearly. (03 marks)
- (v) Indicate your name and personal number as footer. (02 marks)
- (vi) Save your work with file name abili. (01 mark)
- (vii) Print the worksheet. (01 mark)

SECTION B (60 MARKS)

Answer any two questions from this section.

2. The table exhibited shows the records of hours worked in the month of June 2017 by each employee in one of the wheat industry in Kampala.

EmployeeNo	Name	Gender	Date of Birth	Hours worked	Hourly Rate	Total June Wedge
1	Pius Mukasa	Male	2/12/1980	40	25000	
2	Rita Nanono	Female	14/04/1979	36	30000	
3	Susan Akot	Female	30/5/1985	24	38000	
4	Margaret Nin	Female	5/5/1978	30	26000	
5	Paul Toto	Male	7/6/1977	35	22000	
6	Peter Zziwa	Male	6/1/1979	33	20000	
7	Lilian Achan	Female	4/6/1978	25	25000	
8	Joyce Mum	Female	25/3/1986	50	15000	
9	Tom Wawa	Male	23/2/1984	46	22000	
10	James Semakula	Male	24/4/1981	45	24000	

- a) Create database file name wheat using any available database management system application. (02 marks)
- b) Design a table called employee with all the appropriate fields and the primary key. (03 marks)
- c) Apply correct data types for each field. (03 marks)
- d) Design a form for the Employee table and name it employee Form. (03 marks)
- e) Use the form to enter all the records in the employee's table to the database. (05 marks)
- f) Design queries that can:
 - i. Automatically compute the total June's wage per employee and save it Salary. (04 marks)
 - ii. Filter Female employees that have worked for more than 40 hours and save it female40. (04 marks)
- g) Generate a report of Female40 query and name it Female40 report. (05 marks)
- h) Save changes and print the report Female40. (01 mark)

3. It is now smart that even individuals/companies have personal business websites where they can e-transact, post relevant documents, and hold topical discussions.

Using any appropriate web publishing software, design a couple of web sites about your any business, based on the following tasks;

(a) A home page with relevant general welcoming information to your clients. (03 marks)

(b) Other pages with the following information:

Page II: Business background, location, address and telephone contacts among others. (03 marks)

Page III: The available products in your business premises. (03 marks)

Page IV: Other branches of the business and products available. (03 marks)

Page V: Modes of payment and other three business collaborators. (03 marks)

Note:

- (i) Create a moving marquee page title for the home page. (02 marks)
- (ii) Use appropriate graphics for the different pages. (05 marks)
- (iii) Appropriate background color mix. (02 marks)
- (iv) Include your contact details as the website designer (02 marks)
- (v) Include page navigation hyperlinks (02 marks)
- (vi) Save your website with your name and index number. (01 mark)
- (vii) Print your work. (01 mark)

4. As an experienced student of computer studies, you have been appointed by your teacher to go and talk to the new S.Is about the subject called computer Club on their first careers day in the orientation week. The topic is **“ICT Club”**.

(a) Prepare a five slide presentation to deliver your content to the senior ones considering the following;

- (i) Slide **one** is a title slide and the presenter’s details. (02 marks)
- (ii) Slide two contains a description of ICT Club at your school. (04 marks)
- (iii) Slide **three** should have key benefits of being a member of the ICT club and what is expected from new members. (04 marks)
- (iv) Slide four should have tabulated evidence of how ICT Club have been performing in the last four years (04marks)
- (v) Design the fifth Slide with concluding remarks. (04 marks)

(b) Let your slides have a fly-in transition affect from top left corner. (02 marks)

(c) The slides should be able to loop continuously until escape key is pressed. (02 marks)

- (d) Apply appropriate background color of your choices. (02 marks)
- (e) Apply animations effect to all slide titles and checkerboard for the other sections of the slide. (02 marks)
- (f) Insert the current date and your name as your footer. (02 marks)
- (g) Save your presentation with your “index number” on a CD (01 mark)
- (h) Print all the Five slides in an orientation Landscape A4 paper layout. (01 marks)