840/2

**COMPUTER STUDIES**

**PAPER 2**

JULY/AUGUST 2016

2¼HOURS

WESTERN JOINT MOCK EXAMINATIONS

Uganda Certificate of Education

**COMPUTER STUDIES**

**PAPER 2**

2HOUR 15MINUTES

**INSTRUCTIONS TO CANDIDATES:**

* This paper consists of **two** sections **A** and **B**.
* Section **A** contains **one** compulsory question.
* Section **B** contains **three** questions. Answer any **two** questions from this section
* Any additional question answered will not be marked
* Each candidate must have a new formatted blank compact disk- re writable
* Each candidate must produce a hard copy for each of either work to accompany the CD.
* Software help wizards must not be used

**SECTION A** (*IS COMPULSORY*) **(40marks)**

**Qn1 (part a) Word Processing**

(a) Using any word processing software, typeset the passage below as it appears and save it as **‘**Fergusons spirit’ **4mks**

Spirit of Ferguson will live to Haunt and Torment many clubs

~~Thinking that Man. United is the only EPL top four team in trouble is a reflection question~~.

United whenever they started as under dogs, they performed well. Reflect on the 2011/ 2012 season.

When they clear off their seemingly hard games early for the 2013/2014 season, it is good for 2014. Ferguson one time said that the premiership is won in May.

* United are the defending champions
* United never had fleets of high profile players
* David Moyes has support of almost everybody at old Trafford
* Ferguson was not chased the way Mourinho was by Chelsea
* Crossing to Merseyside was never a joke
* David has a point to prove
* Players will continue to be paid on results.

When one says that United is in trouble because of playing Chelsea, Liverpool and Man-city in the opening games, and you do not appreciate the fact that also Chelsea, liverpool and Man-city are in trouble because of playing united, then we do not deserve to be in the logical sports world.

**Required.**

(b) Apply an outside border on the last paragraph **2mks**

(c) Apply an appropriate word art style onto the title with 24 font size and color yellow **3mks**

(d) Include a horizontal line below the title **2mks**

(e) Insert a text watermark of your name and index number **2mks**

(f) Set the line spacing of the last paragraph to double. **2mks**

(g) Insert a table before the last paragraph with six rows and four columns, the column titles are; No, Team, position and Points **3mks**

(h) Save your work and make a print out. **2mks**

**(Part b) spread sheet**

(b) This information is extracted from the school canteen of Makara Academy. Study it carefully and answer the questions that follow.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Cost price (ugx) | School tax | Profits | Expenses | Selling price |
| Sumbiz |  |  |  |  | 7000 |
| Meat pie |  |  |  |  | 25000 |
| Maghata |  |  |  |  | 60000 |
| Daso |  |  |  |  | 35000 |
| Banana chips |  |  |  |  | 40000 |
| Chapuz |  |  |  |  | 16000 |
| Eggs |  |  |  |  | 12000 |
| Packed juice |  |  |  |  | 15500 |
| Short cakes |  |  |  |  | 35000 |

Additional information

Selling price = Cost price + school tax + expenses + profits

Expenses are= 40% of the selling price

Profits are = 30% of the selling price

Schooltax is 10% of the selling price

**REQUIRED:**

As someone who appreciates spreadsheets principle and functions;

(i) Enter the above information in a spreadsheet application of your choice. Save it with your real name. **3mks**

(ii) Determine the amount of the following items for each item

(a) School tax **1mk**

(b) Profits **1mk**

(c) Expenses **1mk**

(iii) Determine the average and amount of tax the school collects from the canteen **2mks**

(iv) By use of a function/formula determine the most expensive item from the canteen. **1mk**

(v) Calculate the cost price for all items **2mks**

(vi) At the beginning of next year, the canteen operator has asked the school management that he is going to increase selling price by 20%. Insert a new column to work out the new prices for all the canteen items for the next year **2mks**

(vii) Format all figures with **UGX** currency symbol with one decimal place **2mks**

(viii) On a separate sheet, plot a line chart to represent the items, cost price and selling price **2mks**

(ix) Wrap your text in selling price title cell and sort the list of items, in descending order **2mks**

(x) Save your work and make a print out. **1mk**

**SECTION B (60marks)**

**Answer any 2 questions from this section**

**Qn.2: PRESENTATION**

As an education official in your district, you have been assigned a project to sensitize people in your locality about the importance of education. Prepare a four slide presentation using the information below and save it in your names.

**Slide 1: Introduction**

Definition of education, history of education in your district and Uganda, and the presenter **4mks**

**Slide 2: Content**

Types of education and their definition **4mks**

**Slide 3: Benefits and Achievements of education 4mks**

**Slide 4: Short comings of education and conclusion 4mks**

(b) Use relevant graphics in your presentation **2mks**

(c) Apply a suitable background **2mks**

(d) Use your name and index number in the header **2mks**

(e) Set your presentation to run automatically **2mks**

(f) Save your work and produce a printout **2mks**

**Qn.3: WEB DESIGNING**

East African community (made up of Uganda, Tanzania, and Kenya- UTAKE) is gradually moving into a political, economical and social federation. The three countries are determined to form the most powerful economic giant of the African Continent. Using any available web publishing software, design a web page for the East African Community, make sure your home page is impressive, creative and has appropriate graphics and not too slow to download.

(i) The home page should have a short story about East Africa of about 100 words **10mks**

(ii) The home page should have a link to each of the three countries, Uganda, Tanzania and Kenya **09mks**

(iii) Each linked page, in (ii) should have a short story about that country. **07mks**

(iv) Indicate your name and index number as footer **02mks**

(v) Save your work as HEAC- surname and produce a print out. **02mks**

**Qn. 4: DATABASE**

The table below belongs to students who went for a study in different countries

(a) Create a database called **study** to manage their records **02mks**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ID NO | STUDENT NAME | Date of Birth | COUNTRY | TRAVEL | CLASS | LUNCH |
| RY 20011 | Keith | 12/12/1994 | Uganda | 40,000 | S.4 |  |
| RY 20012 | Mariam | 14/11/1995 | Kenya | 70000 | S.3 |  |
| RY 20013 | Steven | 17/02/1996 | Rwanda | 80,000 | S.6 |  |
| RY 20014 | Evans | 17/7/1983 | Uganda | 100,000 | S.4 |  |
| RY 20015 | Ann | 10/05/1995 | Kenya | 100,000 | S.5 |  |
| RY 20016 | Serapio | 12/03/1992 | Tanzania | 150,000 | S.3 |  |
| RY 20017 | Gerald | 09/02/1969 | Rwanda | 12,000 | S.6 |  |
| RY 20018 | Sarah | 17/03/1969 | Tanzania | 50,000 | S.4 |  |

(b) Create a table in design view and in your field property make the following adjustments

(i) In the field name, set the field size to be **10** **01mk**

(ii) Format the date of birth to begin with year, month and date **02mks**

(iii) Validate the class such that only **S.3 to S.6** is allowed to be entered. **02mks**

(iv) Set an appropriate primary key in your table and save your table as **tours 02mks**

(c) Open the table created and enter data above **04mks**

(d) Create a form including all fields and save it as **‘student form’**. Use it to compute lunch which is 20% of the travel fee.  **05mks**

(e) Create a query (all fields) to display students born between 1995 and 1970. Save it as **birth day**  **03mks**

(f) Create a query (all fields) who are Kenyans and their names begin with **‘m’**. Save it as **Kenyans** **03mks**

(g) Create a query displaying the lunch above 200,000. Save it as **lunch** and generate its report **04mks**

(h) Print all your work. **02mks**

**END**