WASSCE / WAEC Computer Studies May/June 2015 Past Question
Paper 3

www.Larnedu.com

THE WEST AFRICAN EXAMINATIONS COUNCIL
West African Senior School Certificate Examination
June 2015

COMPUTER STUDIES 3

INSTRUCTIONS TO CANDIDATES

Answer all questions.

Write your name and index number in ink in the spaces provided above.

The paper consists of three questions.

Each candidate:
(a) is provided with computer system installed with wordprocessing, spreadsheet, graphic and presentation packages;
(b) is provided with a blank compact disk rewritable or flash drive;
(c) must save his/her work on compact disk/flash drive for printing;
(d) is required to write his/her name and index number on every print-out duly signed by the Supervisor;
(e) must delete his/her work saved on the compact disk/flash drive after printing;
(f) must submit the print out to the Supervisor immediately after the examination.
1. (a) Using a database application program, create a database called SUPERMARKET. [1 mark]

(b) Create a table called Beverages with the following data:

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product ID</th>
<th>Quantity Per Unit</th>
<th>Unit Price (₦)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tea</td>
<td>1</td>
<td>20 bags per box</td>
<td>120.00</td>
</tr>
<tr>
<td>Chocomilo</td>
<td>2</td>
<td>100 cubes per pack</td>
<td>300.00</td>
</tr>
<tr>
<td>Chocolate drink</td>
<td>39</td>
<td>750 ml per bottle</td>
<td>370.00</td>
</tr>
<tr>
<td>Decaf coffee</td>
<td>38</td>
<td>75 g per bottle</td>
<td>263.00</td>
</tr>
<tr>
<td>Ovaltine</td>
<td>43</td>
<td>500 g per tin</td>
<td>346.00</td>
</tr>
<tr>
<td>Nescafe</td>
<td>76</td>
<td>30 g per tin</td>
<td>230.00</td>
</tr>
</tbody>
</table>

(c) (i) Create a report as shown below.

### Beverages

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product ID</th>
<th>Quantity Per Unit</th>
<th>Unit Price (₦)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tea</td>
<td>1</td>
<td>20 bags per box</td>
<td>120.00</td>
</tr>
<tr>
<td>Chocomilo</td>
<td>2</td>
<td>100 cubes per pack</td>
<td>300.00</td>
</tr>
<tr>
<td>Chocolate drink</td>
<td>39</td>
<td>750 ml per bottle</td>
<td>370.00</td>
</tr>
<tr>
<td>Decaf coffee</td>
<td>38</td>
<td>75 g per bottle</td>
<td>263.00</td>
</tr>
<tr>
<td>Ovaltine</td>
<td>43</td>
<td>500 g per tin</td>
<td>346.00</td>
</tr>
<tr>
<td>Nescafe</td>
<td>76</td>
<td>30 g per tin</td>
<td>230.00</td>
</tr>
</tbody>
</table>

(ii) Use your full name and index number as the footer in the report. [2 marks]

(d) Save your work on a suitable storage media. Print out the hard copy of your report and submit. [2 marks]

(e) On your print out, use ink to list the types of data in the record. [3 marks]
2. The Table A1 below shows the performance of students in an end-of-term examination in a certain secondary school.

**TABLE A1**

<table>
<thead>
<tr>
<th>Index Number</th>
<th>Name</th>
<th>Physics</th>
<th>Chemistry</th>
<th>Biology</th>
<th>English Language</th>
<th>Total</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>S001</td>
<td>Aminu</td>
<td>65</td>
<td>78</td>
<td>56</td>
<td>45</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S142</td>
<td>Olabode</td>
<td>53</td>
<td>85</td>
<td>88</td>
<td>78</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S024</td>
<td>Onuka</td>
<td>45</td>
<td>96</td>
<td>43</td>
<td>98</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S114</td>
<td>Goddey</td>
<td>78</td>
<td>76</td>
<td>76</td>
<td>65</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S115</td>
<td>Jang</td>
<td>23</td>
<td>54</td>
<td>74</td>
<td>36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S056</td>
<td>Dan-Soko</td>
<td>78</td>
<td>32</td>
<td>64</td>
<td>52</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(a) Using a spreadsheet program, insert the heading "MARK SHEET FOR SS1 SCIENCE" and centre it. [1 mark]

(b) Create Table A1 with gridlines. [3 marks]

(c) Insert a row between index number S024 and S114, then add the following data: S007 Badamosi 23 45 72 40 [1 mark]

(d) Using the appropriate formula, determine:
   (i) total mark for each student;
   (ii) average mark for each student;
   (iii) average for the class. [5 marks]

(e) Copy Table A1, paste it three rows below on the same worksheet and name it Table A2. [1 mark]

(f) Arrange Table A2 in descending order using the average column. [2 marks]

(g) Save your work on a suitable storage medium. Print out your work and submit. [2 marks]

3. (a) Using a word processor, prepare a table with column headings as shown below.

<table>
<thead>
<tr>
<th>Serial Number</th>
<th>Unit Title</th>
<th>Week</th>
<th>Activity Assessment</th>
</tr>
</thead>
</table>

representing an overview of the subject content to be taken by computer studies students.

**Computer Hardware**

**Module 1**

1. Introduction to Computer Hardware
2. Peripheral Devices
3. Basic Hardware Components
4. Capacity Measurement

Week 1 Assignment 1
Week 2 Assignment 2
Week 3 Assignment 3
Week 4 Assignment 4

Turn over
Module 2
1. The Central Processing Unit (CPU)  Week 5  Assignment 5
2. Data Storage Devices And Media  Week 6  Assignment 6
3. Types of Memory Unit  Week 7  Assignment 7
4. Simple calculations involving the conversion from one unit to another  Week 8  Assignment 8

Module 3
1. Definition, Types and Uses of Standard Logic Gate  Week 9  Assignment 9
2. Construction of Truth Tables  Week 10  Assignment 10

(b) Format the table using the following instructions:

(i) **Column heading.**
    Centralise the column headings using highlight text colour grey 25%.
    [2 marks]

(ii) **Body of the table.**
    I. Merge and centralise the rows containing modules 1, 2 and 3.
       [2 marks]
    II. Centralise column 2.
       [1 mark]
    III. Change the text in column 4 to upper case, italicize excluding the heading.
       [2 marks]

(c) Save your work on a suitable storage media. Print out your work and submit.
    [2 marks]

Visit Larnedu.com for more WASSCE / WAEC past questions.