

**2008 MAY/JUNE NBC/NTC**  
**SECTION B**  
**ESSAY**

Attempt FIVE questions in all, at least one from each section.  
All questions carry equal marks

**SECTION A: INTRODUCTION TO INFORMATION AND COMMUNICATION TECHNOLOGY (ICT)**

**Question 1**

- (a) Who is an internet service provider(ISP)?
- (b) State the meaning of the following acronym
  - (i) HTTP
  - (ii) HTML
  - (iii) FTP
- (c) OutlineTHREE major devices necessary to set up a cyber cafe in Nigeria?

**Solution 1**

- (a) It is an organization that provides users access to the internet.
- (b)
  - (i) HTTP- Hypertext Transfer Protocol
  - (ii) HTML- Hypertext Makeup Language
  - (iii) FTP\_ File Transfer Protocol
- (c) VSAT, Modem, computer systems, HUB, switches, power supply, cables e.t.c.

Any 3

**Question 2**

- (a) Describe briefly the following terms
  - (iv) peripheral device
  - (v) port
  - (vi) data bus
  - (vii) input device
- (b) What is the MAJOR function of arithmetic and logic unit in a computer processor?

**Solution 2**

- (a)(i) A peripheral device is a device that is attached/connected to the computer in order for it to function.
- (ii) A port is a communication interface that allows peripheral devises to be attached to the computer. It could be serial or parallel.
- (iii) Data bus is a path way through which data are transmitted.
- (iv) An input device is a device used for entering data into and/or gives instructions to the computer.
- (b) The major function of arithmetic and logical unit(ALU) is to perform arithmetic and logical operations.

**Question 3            COMPUTER APPLICATIONS I & II**

Give the procedure for opening an already saved file on a computer hard disk

**Solution 3**

Activate file

Select open

Select drive C

Select folder

Select filename

Click open/strike enter

Or

At the desktop

Activate my computer

Select drive C/ my document

Select file name

Click/strike enter

Or

Activate my document

Select file name

Click/strike enter

**Question 4**

(a) How can the following tasks below be accomplished in MS-word.

(i) Underlying a text

(ii) Italizing a text

(iii) Centralizing a text

(b) State the keyboard commands to perform the following tasks in MS-word

(i) bold

(ii) undo command

(iii) open a new document

(iv) save the current document

(v) send document to a printer

(vi) underline a word

**Solution 4**

(a) (i) Highlight or select the text

Click U/ ctrl + U

Or

Highlight or select the text

Activate format

Select font

Select underline style

Click OK/ Strike enter

(ii) Highlight or select the text

Click I/ ctrl + I

Or  
Highlight or select the text  
Activate format  
Select font  
Select italics  
Click OK/ Strike enter

- (iii) Highlight or select the text  
(b)Click center icon on the tool bar/ ctrl + E
- (i) Ctrl + B or ctrl B
  - (ii) Ctrl + Z or ctrl Z
  - (iii)Ctrl + N or ctrl N
  - (iv)Ctrl + S or ctrl S
  - (v) Ctrl + P or ctrl P
  - (vi) Ctrl + U or ctrl U

### **Question 5**

- (a) Outline the procedure for creating a presentation on MS – power point.
- (b) List FOUR slide layout in MS power point

### **Solution 5**

- (a) Activate file
  - Select new
  - Select blank presentation
  - Select slide layout
  - Select design templateOr
  - Select auto wizard
  - Click next
  - Choose output type
  - Click next
  - Select the type of presentation
  - Click next
- (b) Text layout
  - Content layout
  - Picture with caption
  - Title and content
  - Section leader
  - Two content
  - Content with caption
  - Comparison e.t.c.

Any 4

## **SECTION C: AUTOCAD I & II**

### **Question 6**

Give the steps for modifying an object in AUTOCAD using the following:

- (a) erase
- (b) move
- (c) stretch
- (d) offset

### **Solution 6**

- (a) Highlight the object  
Click erase tool on the modifying tool bar  
Click on the object to erase  
Or  
Pick and select erase icon  
Enter W <R> (at the command line)  
Position the cursor at a suitable point  
Left click  
Move the cursor to drag out a window  
(rectangle) and click  
Right click <R> Pick a point  
Or  
Select modify erase  
Enter C <R> (at the command line)  
Pick any point on the screen  
Drag out a window and pick the other corner  
Right click or <R>
- (b) Select the move icon  
Enter W <R>  
Pick a point P1  
Enter R <R>  
Pick circles D1 and D2, then right click  
Pick line D3  
Enter point of displacement e.g.  
@ - 115, -130 <R>
- (c) Select the STRETCH icon  
Enter C <R>  
Window the top of the vertical line and dimension  
Right click  
Pick top end of line  
Enter point of displacement e.g.  
@ 0, 23 <R>  
Or

At menu bar, select modify – stretch  
Enter C <R>  
Window the top of poly line and dimension  
Right click  
Pick top end of poly lines  
Enter point of displacement e.g. @ 0, 3.5 <R>

Or

At the command line, enter STRETCH <R>  
Enter C <R>  
Window the vertex of triangle indicated  
Right click  
Pick indicated vertex as the base point  
Enter point of displacement e.g. @ 10, 0

- (d) At menu bar  
Select modify – offset  
Enter off set distance e.g. 75 <R>  
Select object to offset and pick line D3  
Specify a point on side to offset and  
Pick as indicated  
Or  
Select OFFSET icon  
Enter offset distance e.g.50 <R>  
Pick line D1  
Pick any point to the right of line D1 as indicated  
Pick line D2a  
Pick any point to the left of line D2 as indicated  
Right click  
Or  
At the command line, enter OFFSET <R>  
Set an offset distance  
Offset line D4 as indicated

### **Question 7**

Explain briefly how properties tool bar can be used to change

- (i) Object weight
- (ii) Object type
- (iii) Object color

### **Solution 7**

- (a) Properties tool bar is used to change object weight by scrolling line weight control arrow to select the required thickness.
- (b) Properties tool bar is used to change object type by scrolling line type control arrow select line types in terms of continuous, centre, hidden, dotted e.t.c

- (c) Properties tool bar is used to change object color by scrolling color control arrow and selecting one of the standard colors but if others are selected from the color pool-down menu, the color (color) dialogue box is displayed allowing access to all colors available in AUTOCAD.