

Name: _____

Index No. _____ / _____

2920/202B

COMPUTER APPLICATIONS II (PRACTICAL)

November 2015

Time: 1 hour

Candidate's Signature _____

Date: _____



THE KENYA NATIONAL EXAMINATIONS COUNCIL

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY

MODULE II

COMPUTER APPLICATIONS II (PRACTICAL)

1 hour

INSTRUCTIONS TO CANDIDATES.

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

Sign and write the **date** of examination in the spaces provided above.

You have **ten minutes** to read through the instructions and questions before starting the examination.

Any problem with the computer should be reported to the invigilator immediately.

Direct any question(s) to the invigilator only. Conversing with fellow students may lead to disqualification.

Write your **name** and **index number** on the rewritable CD.

Type your **name** as a header on each sheet of paper used.

This paper consists of **TWO** tasks. Perform the **TWO** tasks.

Each task carries **20** marks.

Read the instructions of each task carefully.

Print on **one** side of the paper(s) only and use a fresh sheet of paper for each task.

Hand over your **printout** and the **Rewritable CD** to the invigilator at the end of the examination.

This paper consists of 5 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing

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Turn over

GENERAL INSTRUCTIONS TO CANDIDATES

1. Create a folder named **KNECEXAM** on the desktop.
2. Ensure that the **KNECEXAM** folder and all its content is burnt onto the Rewritable CD provided at the end of the examination.

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TASK 1

- (a) Open a CAD program and make the following as default:
 - (i) Units: millimetres. (½ mark)
 - (ii) Precision: 1 decimal places. (½ mark)
- (b) Insert two layers each with the following properties:
 - (i) layer 1 labelled *drawing* with line weight set to 0.6 mm on which to draw the geometry. (½ mark)
 - (ii) layer 2 labelled *dimension* with line weight 0.18 mm on which to draw the dimensions. (½ mark)
- (c) (i) Draw the geometry shown in figure 1 as it appears. (13 marks)

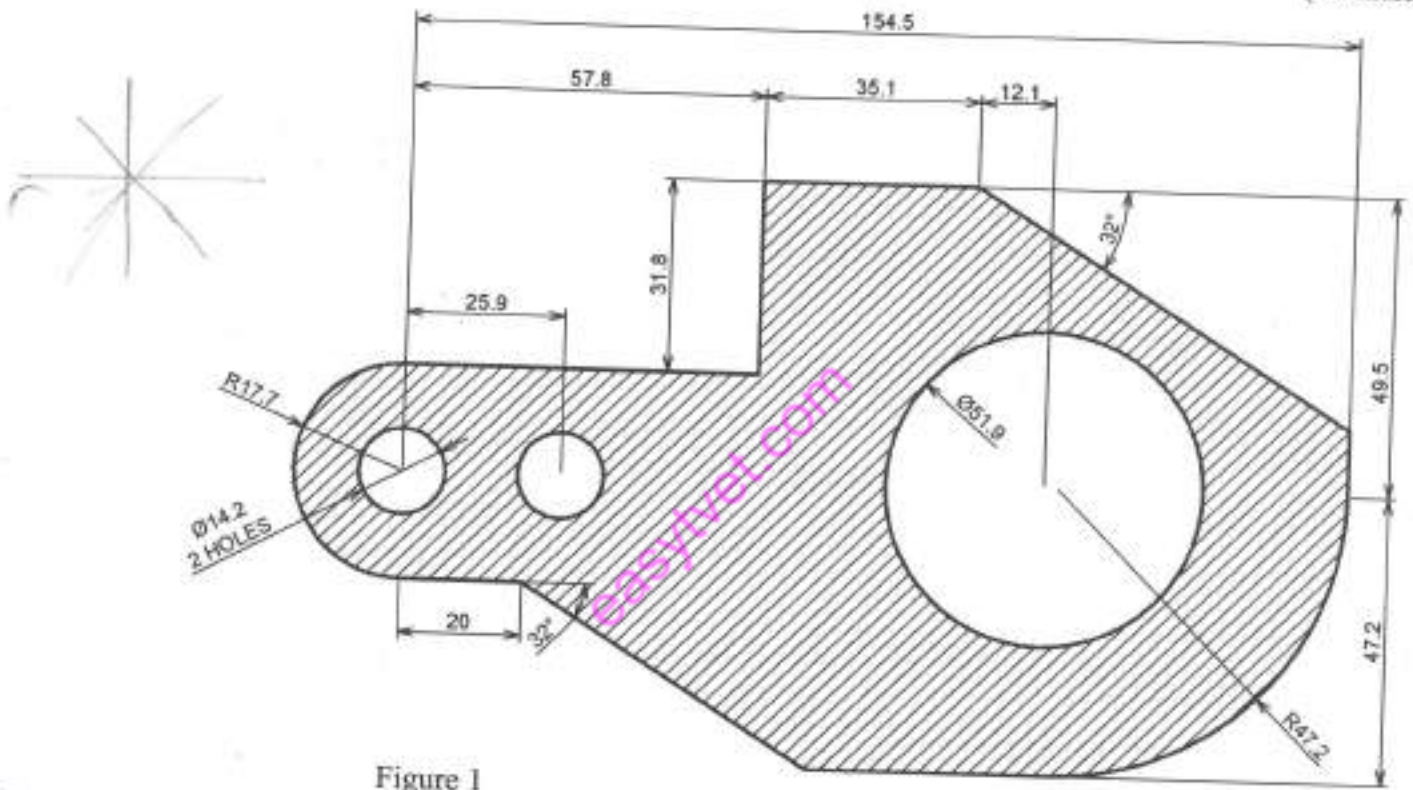


Figure 1

- (ii) Fully dimension the drawing as it appears. (3½ marks)
- (d) Save the drawing as block in the **KNECEXAM** folder to print out later. (1½ marks)

$$\begin{array}{r} 57.8 \\ + 35.1 \\ \hline \end{array}$$

$$\begin{array}{r} 14.2 \\ \times 2 \\ \hline 28.4 \end{array}$$

$$\begin{array}{r} 51.9 \\ \times 2 \\ \hline 103.8 \end{array}$$

$$\begin{array}{r} 51.9 \\ \times 2 \\ \hline 103.8 \end{array}$$

$$\begin{array}{r} 3510 \\ - 32 \\ \hline 328 \end{array}$$

$$\begin{array}{r} 71 \\ \times 14.2 \\ \hline 994 \\ 4970 \\ \hline 10072 \end{array}$$

TASK 2

Kivutio Film Services Ltd of P. O. Box 2470 – 00211, Longi is a company offering diverse services in the entertainment industry. The management intends to computerise its accounting system.

Using an accounting program, record the following financial details and transactions for the year starting 1st September 2015.

Balances as at 1st September 2015

		Ksh.
Filming equipment	Cost	58,260,000
	Depreciation	12,110,000
Copyright		24,200,000
Motor Vehicles	Cost	4,260,000
	Depreciation	1,400,200
Premises	Cost	22,410,000
Cash		165,000
Bank (Kauli)		1,160,000
MPesa A/C		420,000
Debtors	Karibu production	406,000
	Mvuli Video Services	204,800



The following records were in the business books of accounts:

Sales Journal

- Sept 2 Kwik Photo Ltd Kshs. 620,000 for filming services.
 Oct 14 Hatua Studios Kshs. 560,000 for video editing services.
 Nov 28 Mikeli Videos Kshs. 180,000 for video shooting services.

Principal Journal

- Sep 15 Filming equipment purchase Kshs. 12,740,200 from Nuremberg Equipment Ltd on credit.
 Oct 20 Computer equipment Kshs. 140,000 by cash.
 Nov 25 Mikeli Videos Kshs. 20,000 under invoice correction.
 Nov 26 Copyrights Ksh. 400,000 from Jogre Promotions Ltd paid by MPesa.

Cash Book

- Sept 10 Rates paid Kshs. 204,000 to County Council of Longi by cash.
 Sep 30 Cash sales of video shooting services Kshs. 300,000 by MPesa.
 Oct 2 Filing services sales Kshs. 430,000 by cheque.
 Oct 3 Expenses paid by cheque; Electricity Kshs. 84,000, Water Ksh.13,400 and telephone Ksh. 92,400.
 Oct 30 Video shooting sales cash Ksh.74,000
 Nov 1 Expenses paid by cash; video tapes Kshs. 304,000 and film reels Ksh. 114,000.
 Nov 4 Cheque payment to Nuremberg Equipment Ltd Kshs. 2,400,000.
 Nov 8 Cheque receipt of Kshs. 620,000 from Kwik Photos Ltd
 Nov 22 Online film sales Ksh. 1,200,000 paid by MPesa

Generate and print the following reports

- (a) Trial balance as 1st September 2015; (8 marks)
- (b) Income statement for the three months; (8 marks)
- (c) Ageing debtors summary report as at 30th November 2015. (4 marks)



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