

840/2
Computer Studies
Practical
July 2019
Paper 2
2 Hours 30 Minutes



ACEITEKA JOINT MOCK EXAMINATIONS 2019

UGANDA CERTIFICATE OF EDUCATION

COMPUTER STUDIES PRACTICAL

PAPER 2

TIME: 2 HOURS 30 MINUTES

INSTRUCTIONS TO CANDIDATES:

- This paper consists of **two** sections **A** and **B**.
- Section **A** contains **one** compulsory question.
- Section **B** contains **three** questions. Attempt any **two** questions from this section.
- Each candidate is provided with a **blank compact disc – rewritable/Recordable**
- Each candidate **must** produce a **hard copy** for each of their work to accompany the compact disk.

SECTION A: (40 MARKS)

This section is compulsory.

1. ✓ a) Using any available word processing application typeset the following text. (3 marks)

Video Assistant Referee (VAR)

The **video assistant referee (VAR)** is a match official in association football who reviews decisions made by the head referee with the use of video footage and a headset for communication.

Following extensive trialing in a number of major competitions, VARs were first written into the Laws of the Game by the International Football Association Board (IFAB) in 2018. Operating under the philosophy of "minimal interference, maximum benefit", the VAR system seeks to provide a way for "clear and obvious errors" and "serious missed incidents" to be corrected.

There are four categories of decisions that can be reviewed:

Goal/no goal – attacking team offences, ball out of play, ball entering goal, offences and encroachment during penalty kicks.

Penalty/no penalty – attacking team offences, ball out of play, location of offence, incorrect awarding, and offence not penalized.

Direct red card – denial of obvious goal-scoring opportunity, serious foul play, violent conduct/biting/spitting, using offensive/insulting/abusive language or gestures.

Mistaken identity - in awarding a red or yellow card.

You are required to:

- (i) Format the text to appear in Font "Times New Roman", font Size 14 and two columns. (03 marks)
- (ii) Double underline the title of the article. (01 mark)

(iii) Bullet the four categories of decisions that can be reviewed by VAR.

(02 marks)

(iv) Justify the whole document.

(01 mark)

(v) Set the line spacing to 1.5.

(01 mark)

(vi) Insert your full name as diagonal watermark with a color of choice.

(02 marks)

(vii) Insert your name and personal number as header.

(01 mark)

(viii) Drop cap the first letter of each paragraph to four lines.

(02 marks)

(ix) Save your file as "your name and personal number".

(01 mark)

(x) Create a footnote on word VAR as: Adapted from:

https://en.wikipedia.org/wiki/Video_assistant_referee

(02 marks)

(xi) Print a copy of your work and exit the application.

(01 mark)

(b) Study the results of S4 candidates of Parbo S.S. in major subjects and use it to answer the following questions.

	A	B	C	D	E	F	G
	Name	Math	English	Physics	Chemistry	Biology	
1.	Nelson Kato	70	77	67	80	55	
2.	Peter Pello	68	58	89	78	78	
3.	Annet Nakato	90	70	65	60	68	
4.	Joan Akot	80	76	70	55	59	
5.	Paul Naku	64	80	65	67	70	
6.	ZZiwa Pius	93	68	79	79	81	

(i) Enter the data above into an electronic spreadsheet starting from A1.

(03 marks)

(ii) Calculate, by use of formula the total mark scored by each candidate in column G.

(02 marks)

(iii) Use function to calculate the average mark for each candidate in column H.

(02 marks)

- (iv) In Parbo SS, the students are awarded for best performance as seen in the table. Use IF function to assign the rewards to each candidate in column I. (02 marks)

Average Mark	Reward in Uganda shillings
85 - 100	20,000
75 - 84	10,000
60 - 74	50,000
0 - 59	Not Applied

- (v) How many candidates will benefit from this award scheme in column J. (02 marks)
- (vi) Use function to position these candidates in column K. (02 marks)
- (vii) Insert a column Graph to represent the scores of the students in all the subjects. (03 marks)
- (viii) Insert your name and personal number as a header and page number as footer on both grids and the graph. (02 marks)
- (ix) Save your work as 'Your name.' (01 mark)
- (x) Print the work in 'landscape' (01 mark)

SECTION B: (60 MARKS)

Answer any two questions from this section.

2. (a) Create a database called **"VIDEO STORE"** to keep records of videos in an ABC store in Kampala.

(01 mark)

- i. Create the following table in your database with appropriate fields and data types.

(04 marks)

- ii. Choose an appropriate primary key.

(02 marks)

Video Table

VIDNO	Title	Price (shs)	Quantity	Category
3445	African Queen	7500	4	Action
5644	Sitya Loss	9000	6	Horror
3566	Malaika	10000	10	Action
6576	Ojuelegba	8000	4	Comedy
2395	Fall	5000	1	Musical
7440	Short N Sweet	4500	15	Adventure
8354	Soco	5000	2	Comedy
1298	African Beauty	12000	8	Drama

- (b) Create a form using the video table and save the form as "Candidates form." (03 marks)

- (c) Use your form to enter above records. (06 marks)

- (d) Create a query displaying all the Videos which Titles begin with letters 'A' or 'S'. Save it as **AS query**. (04 marks)

- (d) Create another query to include all the above fields. In the same query, generate another field **Total Cost = Price X Quantity**. Name it "Total Query." (04 marks)

(e) Generate a report for (d) above with Total Cost in ascending order. Name it "Total report."

(04 marks)

(f) Print a copy of your report in landscape.

(02 marks)

✓ 3. You have been contracted by the school administration to give a talk about "*Indiscipline at School and Home*" during a workshop organized by the ministry. Design a six-slide presentation for this purpose.

a) In your presentation you should include the following:

Slide I – the topic, Name of the presenter and contacts. (02 marks)

Slide II – Introduction to the topic. (03 marks)

Slide III – List four main causes of indiscipline at School and Home. (04 marks)

Slide IV –Outline any three ways of controlling indiscipline at school SmartArt. (03 marks)

Slide V - In 2018, many students were indefinitely suspended from Schools A, B, C, and D as shown:

School Name	Number of indefinite suspensions
A	10
B	05
C	11
D	06

Represent this record in tabular form. (03 marks)

Slide VI – Use the table in Slide V to draw a line graph to represent these records. Label the Title, axes and legend appropriately. (03 marks)

i. Use appropriate images on different slides to bring out the message.

- ii. Apply uniform animations and transitions on all the slides. (02 marks)
 - iii. Insert your name and personal number as a header and date that update automatically as footer. (02 marks)
 - iv. Create an action button that links all the sides to and fro. (02 marks)
 - v. Let your slide loop continuously until escape key is pressed. (02 marks)
 - vi. Save your work as 'Your name and personal number'. (01 mark)
 - vii. Print your work on one page. (02 marks)
4. Using any web designing software of your choice, design a four-page website for the Department of ICT at Your School. The four pages include Home page, E-library, E-Learning, and contacts page.
- a) You are Required to do the following:
- I – **Home page** showing the department motto “We produce – to Save Money”. Also give a brief introduction about the department of ICT. (04 marks)
 - II – **Page two** should show different products provided by the department. Give about four products in an ordered list format. (04 marks)
 - III – **Page three** should show a table showing imaginary number of different projects in the department. (03 marks)
 - IV – The **contacts page** should show different addresses including phone contact, e-mail address and the website domain name. (03 marks)
- b) Make a marquee with an alternate behavior on the first page showing the department's Motto. (03 marks)
- c) Use horizontal and navigation buttons on top and at the bottom of each page. (03 marks)
- d) Use relevant graphics on every page. (02 marks)
- e) The email address and website domain name should actively be linked. (02 marks)

- f) Use a contrasting background to make your text more readable. (02 marks)
- g) Save your website as ict (02 marks)
- h) Print your work. (02 marks)

END