

840/1
INFORMATION AND
COMMUNICATIONS
TECHNOLOGY(ICT)
Paper 1
2024
2¼ hours

UBUNTU HILL SCHOOL

S.3 ICT
EXAMINATION 2024

*Answer **three** examination items in all.*

*Any additional item(s) answered will **not** be scored.*

***All** answers **must** be written in the answer booklet(s) provided.*

SECTION A

INSTRUCTIONS.

Section A is compulsory.

ITEM 1.

Okello has just completed his S.6. Being a boy from a poor family, he's faced with a challenge of raising fees that will push him to the university level. Crane high school has just advertised a job of being a computer lab attendant. The school conducts interviews on all the applicants and the best person is the one who qualifies for the job. The interview panel provides a number of computer components like system case, mother board, SATA hard disk drive, SATA DVD ROM, two SATA data buses, Power supply and 4GB RAM chip as shown in figure 1. Okello has a basic knowledge about ICT and he is scared about what will happen at the interview.



Figure 1: Computer Components displayed at the interview.

Task.

- a. Help Okello understand the computer components given during the interview.

- b. Make a user's guide that you will give to Okello on how to assemble all the components together during the interview to have a working computer.

SECTION B

PART I

*Answer only **ONE** item from this part*

ITEM 1

Sema is a property master. He's running a simple office with five workers. Each Individual has a type of property he's in charge to i.e Land, furniture, cars etc. Being a starter in the business, he does not have a lot of capital. Due to the limited capital he has a single computer which is shared by all the five workers in the office. Due to sharing a single computer, workers always complain about their information being deleted by others, disorganized and being exposed to almost everybody at the office. Sema is confused on what to do and does not have money yet to buy computers for each and every worker at the Office. Figure 2 shows employees at Sema's office.



Figure 2: Employees at Sema's office.

TASK.

Advise Sema on what to do and how it should be done in order to remove these workers complaints.

ITEM II.

Isaac is currently running a video library. He's is always faced with a challenge of customers complaining about the videos and some audios not playing on some devices like TV, DVD player, Decoders, Bluetooth speakers, radios e.t.c. Recently a customer wanted to transfer his data from the laptop which was 500GB to DVDs. Unfortunately, Isaac never had empty DVDs so he had to just make an order from town for the empty DVDs. He is stack on how many DVDs to order which can carry all the customer's data since each DVD can carry a maximum of 4700 MB. Figure 3 shows Isaac in his video Library.



Figure 3: Isaac in his video library

Task 1

- a) Advise Isaac on what to do about the customers' complaints.
- b) Help Isaac know the number of DVDs he should order in order to store all the customers' data.

PART II

*Answer only **ONE** item from this part*

ITEM I

Jonah is a new employee of ABC stationary. The stationary has a single computer which is used to handle all the work for different customers. On his first day at work, Jonah successfully used the computer and shut it down properly. Jonah is now faced with a challenge of the computer powering up but not displaying anything on the monitor. He only possesses Microsoft office knowledge and he's stuck on what to do. Being new on the job, he's fearing to lose the job because he convinced the boss that he knows each and everything about ICT. Figure 4 shows Jonah trying to find out the problem.



Figure 4: Jonah trying to find out the problem

TASK

As an ICT student, help Jonah trouble shoot and find out what could have caused this.

ITEM II.

Noeline is a qualified primary school teacher who has taught in a nursery school for quite some time. She is currently running a simple stationary shop where she has four workers each Stationed on a standalone computer. Her workers normally face a challenge of sharing the Files, customers' work and moving from one station to another looking for files. This disturbance of having to move computer to computer looking for files makes workers very slow and always delay to complete customers projects. Noeline has little ICT knowledge and doesn't know what to do. Figure 5 shows the workers in the stationary shop.



Figure 5: workers in the stationary shop

Task

As an ICT student, advise Noeline on what to do in order to solve this problem

THE END