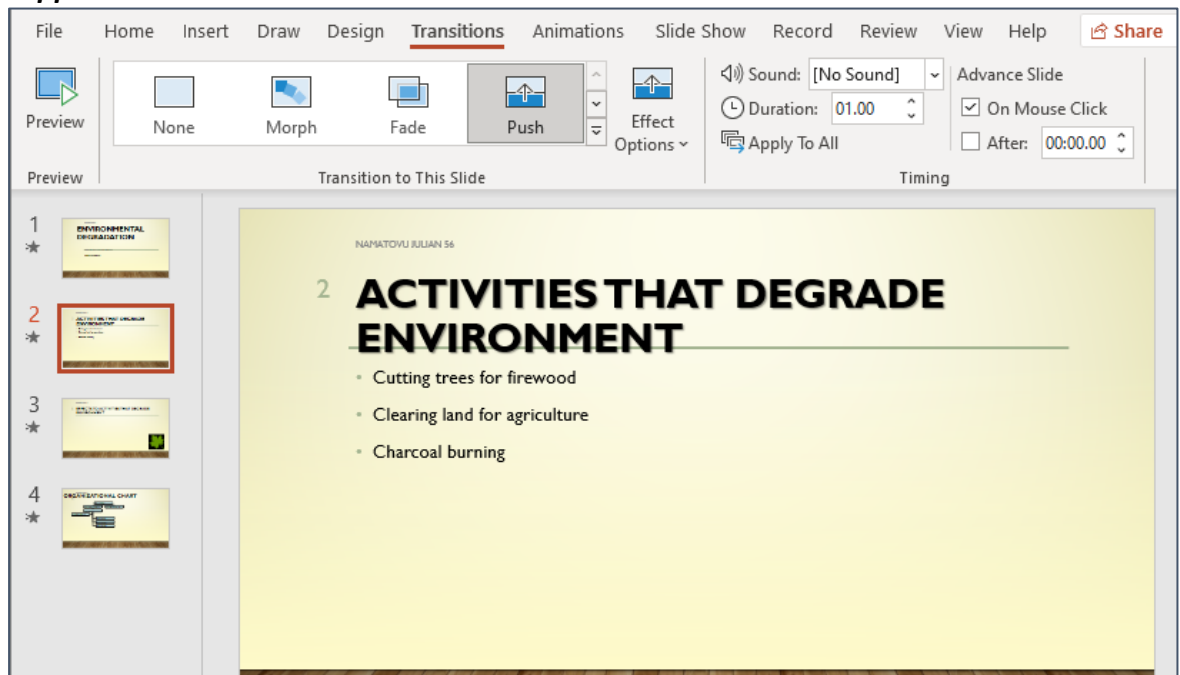# ICT SENIOR TWO

END OF YEAR ASSESSMENT 2023

TIME:1 Hour 30 Minutes

Attempt all questions.

1. Yesterday, the ICT teacher came to S2 class and instructed them to create 4-slide PowerPoint presentation about theft in their school. The teacher said that the presentation must have appropriate animations and transitions. Mary who is a new S2 student is confused and doesn't know what to do.

Support material

Task: Since you have been attending practical ICT lessons, explain briefly to Mary the function of the features below to enable her get a starting point:

(a) (i)   Animations

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....

(ii)   Transitions

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....

(iii)   Slide

....

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(b) Advise Mary on the key points she could present to the teacher about **theft** in the school *on each of the four slides* as guided by the information below.

Slide1:

Title:……

Subtitle:………

……

Slide2:

Title……

Content……………………………………………………………………………………………………….

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……

……

Slide3:

Title……

Content………

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……

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Slide4:

Title:……

Content………

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……

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2. Bosa has setup an Internet Café in his home Town to help solve information gaps that exists in his community. He wants to contact a suitable internet service provider.

Support material

Task:

After knowing that you are a knowledgeable ICT student, Bosa has approached you for advice based on the following settings:

(a) Bosa wants to know **four** (4) things that he should have before he contacts a suitable company to provide him with the services to start the business.

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(b) Bosa wants to know specific *services* that he could start providing to the community when his business is fully functioning.

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(c) Bosa plans to install two *programs* on his computers in addition to Microsoft Edge. Recommend any **two** (2) good *ones fo*r his customers.

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(d) Bosa wants his business to have a website and email address. Propose for him internet address and email address.

Internet address………

Email address……

(e) If you are Bosa, suggest the code of conduct, socially and morally acceptable that every client in the business need to practice while utilizing the services.

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3. Your former Primary school recently administered pre-UNEB exams for P7 pupils. When the results were collected, the Director of Studies failed to make necessary computations for analysis of pupils' performance. A group of selected pupils and their scores were entered in a computer program. See below the support info. In figure1.

	A	B	C	D	E	F	G
1	Name	English	Math	Science	Social Studies	Total	Average
2	Kamune Rosco	67	54	87	88		
3	Gomba Sam	89	67	98	99		
4	Ogwang Jim	87	89	65	78		
5	Namata Jane	56	25	56	44		
6	Kaliisa James	55	78	98	76		
7	Akello Bina	35	54	98	85		

Figure 1

Task:

You are now in charge of the data to support the Director of Studies:

(a) How would you start a formula in a program?

………

(b) Identify any two programs suitable to perform calculations on data in figure 1.

(i)…………………………………………………………………………..(ii) ……………………………………………………

(c) Write a suitable formula to find the *Total* scores for each pupil in column F.

………

(d) Write a suitable formula for calculating the *average* performance for each pupil.

………

4. Two years ago Musa copied all his valuable data of **25.3GB** from his laptop to his friend's desktop computer as a backup option. Last month his only one laptop was stolen when he travelled to Kampala. Musa now wants to make use of his data stored on his friend's computer but in a more careful way.

Task:

a) Advise Musa on the various storage devices/media that he could use to get his data from his friend.

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b) If Musa decides to get his data using CDs, calculate the number of CDs he could use.

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c) Calculate the approximated number of characters stored in Musa's data, given that one Gigabyte (GB) stores about 1,000,000,000 characters.
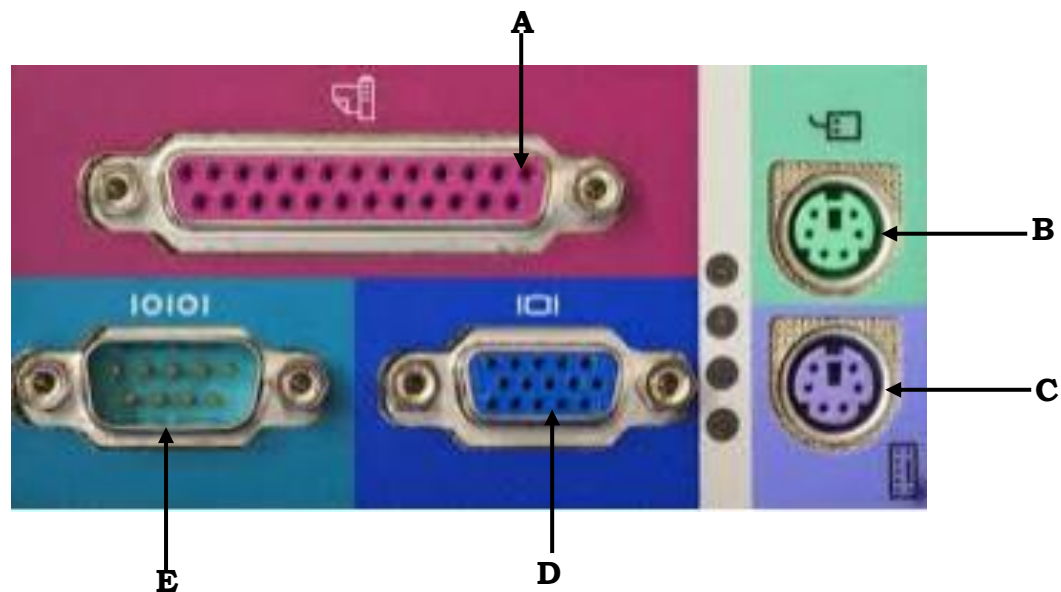
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5. Jim was given a new office at the district headquarters. In his new office he found an old computer which was disconnected. When he asked office attendant, she told him that the computer has been working but was disconnected last week to allow him occupy the office with less clutter. Jim wants to use the old computer for his office work as he waits for order of new computer pressed by his superiors, but Jim doesn't know how to connect these old devices on to various computer ports.

Support material:

Task:

In reference to the support material, name the computer ports and provide the devices that connect to each of them in the table below.

Letter	Port name	Device (s) to connect to the port
A		
B		
C		
D		
E		

END