00223

The Open University of Sri Lanka
Faculty of Engineering Technology
Department of Textile and Apparel Technology

Study Programme	: Bachelor of Industrial Studies Honours
Name of the Examination	: Final Examination
Course Code and Title	**: TAK3237**
	Introduction to Computer Applications
Academic Year	: 2019/20
Date	: 26th September 2020
Time	: 1330-1530hrs
Duration	: **2 hours**

Registration Number: .....

General Instructions

1. Read all instructions carefully before answering the questions.
2. This question paper consists of **Three (03)** parts and has **Nine (09)** pages.
3. Part **A** contains Fifteen (15) Multiple Choice type questions.
4. Answer all questions in Part A.
5. Each question in Part **A** carries two (02) marks. Total mark for Part A is thirty (30).
6. Part **B** contains Fourteen (14) questions that require short answers.
7. Answer all questions in Part B.
8. Total mark for Part B is forty (40).
9. Part **C** contains **Three (03)** Essay type questions.
10. Answer any **Two (02)** questions from Part **C.**
11. Each question in **Part C** carries Fifteen (15) marks. Total mark for Part C is thirty (30).
12. Answers to Part A and Part B needs to be written on the space provided.
13. Answers for Part C should be written on answer sheets (provide separately).
14. Answer for each question in Part C must commence on a new page.
15. Answers should be in clear handwriting.
16. Do not use red colour pens.

Part A

Underline the correct answer

(1) What is meant by 'reliability' of a computer?

a) Computers will produce results faster than human.
b) Computers will provide the correct result provided that the input is correct.
c) Computers will produce consistent results for the same set of input.
d) Computers will never make mistakes.

(2) What is the most likely reason for erroneous output from a computer program?

a) Due to overuse of the computer.
b) Due to incorrect input data.
c) Due to usage of too many applications at a time.
d) Due to lack of maintenance.

(3) What is meant by 'Liveware'?

a) A set of instructions that tells computer what to do.
b) A type of software that is used to connect to internet.
c) Another name for interactive computer programs.
d) None of the above.

(4) An instruction which is given by you to the computer by replying to a question posted by a computer program is called a;

a) User response
b) Command
c) Answer
d) Reply

(5) Which of the following is not an edition of Windows 7 OS?

a). Starter
b). Advanced
c). Home Premium
d). Ultimate

(6) Which of the following is not true related to an Operating System?

a). OS is responsible for sharing of the resources of the computer.

b). OS provides the interface between the user and the machine.

c). OS is responsible for scanning for viruses.

d). OS is a software.

(7) Which of the following is an application software?

a). MSDOS

b). Windows 10

c). Ubuntu

d). MS Excel

(8) The DOS command 'DIR' is used to:

a). Create a directory.

b). List the available files and folders.

c). Delete a directory.

d). None of the above.

(9) Which keyboard shortcut can be used to make text appear 'Italics' in a MS Word document?

a). Alt + I

b). Shift + I

c). Ctrl + I

d). Alt + Ctrl + I

(10) What would be the correct answer if the formula **'=(2*4+3)*2-6/2'** is entered into an Excel cell.

a). 8

b). 5

c). 11

d). 19

(11) Which of the following will not take you to the 'next slide', when you run a presentation using MS PowerPoint?

a). Pressing the Spacebar

b). Pressing the 'Left Arrow' key

c). Pressing the 'Pg dn' Key

d). Pressing the 'N' Key

(12) Which of the following is an 'Open Source Software'?

a). Ubuntu OS

b). Windows 7

c). Orbit File Downloader

d). Oracle

(13) Which of the following is not a web browser?

a). Chrome

b). FireFox

c). Telnet

d). Safari

(14) What is the method you would use if you want to send the same email to 100 people? Where none of the receivers should know who else has received this mail.

a). Insert all 100 emails in the 'BCC' field.

b). Insert all 100 emails in the 'From' field.

c). Insert all 100 emails in the 'Subject' Field.

d). None of the above.

(15) Which of the following is correct regarding 'Gmail?

a). Gmail is free for the first year of usage.

b). Gmail always allows you unlimited storage.

c). To set up a Gmail account, you need to have a mobile connection.

d). Gmail can be used to search for anything on the internet.

Part B

(1) List three (03) limitations of punched card based input system that was used in early generations of computers. (03 Marks)

(i) .....

(ii) .....

(iii) .....

(2) Identify the most significant invention (device) that was the key to distinguish the respective generation of computer and the typical input methods used in each generation. (04 Marks)

Computer Generation	Significant Invention	Typical Input Method
1st Generation		
2nd Generation		
3rd Generation		
4th Generation		

(3) List four (04) types of pointing devices that can be used as input devices of a computer system. (03 Marks)

(i) .....

(ii) .....

(iii) .....

(iv).....

(4) State the difference between the output of a scanner and a photo-copy machine? (02 Marks)

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(5) Briefly describe what an 'Embedded Operating System' is. (03 Marks)

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(6) Briefly discuss the difference between 'Shut down' and 'Sleep' modes used to end a computer session concerning Windows 7 OS. (04 Marks)

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(7) State what is meant by a 'File System' in an Operating System. (02 Marks)

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(8) List four (04) MSDOS commands. (02 Marks)

(i) .....

(ii) .....

(iii) .....

(iv).....

(9) List four (04) types of charts that can be drawn using 'MS Excel". (02 Marks)

(i) .....

(ii) .....

(iii) .....

(iv).....

(10) Briefly describe the category of software known as the 'Proprietary Software'. (03 Marks)

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(11) List four (04) ways that your devices may connect to the internet. (02 Marks)

(i) .....

(ii) .....

(iii) .....

(iv).....

(12) Briefly describe the format of an email address. (03 Marks)

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(13) State two (02) advantages of using 'Google Docs'. (02 Marks)

(i) .....

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(ii) .....

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(14) Expand the following Acronyms/Abbreviations: (05 Marks)

i. HDD: .....

ii.ROM: .....

iii.ICTA: .....

iv.HTTPS: .....

v.POP: .....

Part C

01 a) Briefly describe each of the following key components of a computer system. (06 Marks)

i. RAM

ii. OS

iii. I/O Device

b) State three (03) areas where humans are better than computers. (03 Marks)

c) "*Though Operating Systems with Graphical User Interfaces are much popular these days, command line based Operating Systems such as MSDOS are still used for certain specific tasks.*" Discuss when you would use a command line based OS. (06 Marks)

02 a) List four (04) features available in MSWord that you can use to format text. (02 Marks)

b) State the purpose of following types of Utility Software. Provide one (01) example for each type of software. (06 Marks)

i. Anti-virus packages

ii. Disk Compression Tools

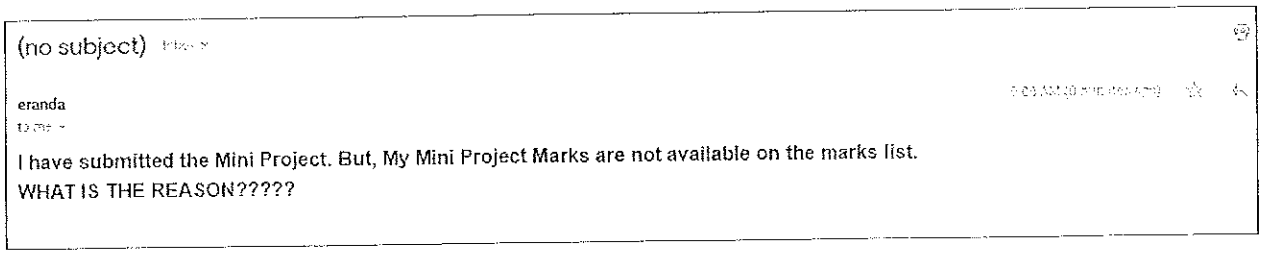
iii. Disk Defragmentation Tools

c) Discuss how a University student can benefit from the use of a Learner Management System (LMS) such as Moodle (e-learn). (07 Marks)

03 a) State five (05) possible types of attacks that may arise on your PC, if proper security measures are not taken. (05 Marks)

b) List four (04) clients that you can use to send/receive emails. (02 Marks)

c) Given below is an image of an email sent by a student to a course coordinator. Discuss why this is a bad practice of communication, highlighting the violations of email etiquette. (08 Marks)


(no subject)

eranda

I have submitted the Mini Project. But, My Mini Project Marks are not available on the marks list.
WHAT IS THE REASON?????

-End-