UNIRAZAK
UNIVERSITI TUN ABDUL RAZAK

FINAL EXAMINATION

JULY 2021

COURSE TITLE	**BASIC INFORMATION AND COMMUNICATION TECHNOLOGY**
COURSE CODE	**FMGT0213**
DATE/DAY	**20 OCTOBER 2021 / WEDNESDAY**
TIME/DURATION	**09:00 AM - 10:30 AM / 1.5 Hours**

INSTRUCTIONS TO CANDIDATES :

1. Please read the instruction under each section carefully.
2. Candidates are reminded not to bring into examination hall/room any form of written materials or electronic gadget except for stationery that is permitted by the Invigilator.
3. Students who are caught breaching the Examination Rules and Regulation will be charged with an academic dishonesty and if found guilty of the offence, the maximum penalty is expulsion from the University.

(This Question Paper consists of 15 Printed Pages including front page)

DO NOT OPEN THE QUESTION PAPER UNTIL YOU ARE TOLD TO DO SO

SECTION A (100 Marks)

There are FORTY (40) questions in this section, worth 2.5 marks each. Answer ALL the questions in the OMR sheet.

1. Which of the following statements is/are **false** pertaining to a computer?

   I. It operates without the need of operating system.
   II. Accept output and produce input.
   III. Process the data according to specific rules.
   IV. Operating under the control of instructions stored in its own memory.

   A. I and II.
   B. III and IV.
   C. I, II and IV.
   D. None of them.

2. Based on the components of computer, match the following:

I.	Hardware that enables users to send data to computer
II.	It is used to differentiate between the computer and peripheral devices, such as the monitor, keyboard, and mouse
X.	Input device
Y.	System unit

   A. I to Y and II to X.
   B. I to X and II to Y.

3. A computer network is a set of electronic devices connected for the purpose of sharing resources.

    A. True.
    B. False.

4. Select the correct statement about an operating system (OS):

    A. An OS controls peripheral, allocates memory and organizes data into fields and records.
    B. An OS provides protection against viruses and controls peripherals.
    C. An OS controls peripheral and allocate memory as well as processor time.
    D. None of them.

5. What part of the computer do you use to type?

    A. Desktop
    B. Mouse
    C. Keyboard
    D. Cursor

6. Group the following components of computer into the right categories:

    I.   mouse
    II.   CPU
    III.   keyboard
    IV.   network interface card
    V.   printer
    VI.   modem
    VII.   headphone
    VIII.   RAM

A. Input devices: I and III; output devices: V and VII; system unit: II and VIII; communication devices: IV and VI
B. Input devices: I and VII; output devices: V and III; system unit: II and VIII; communication devices: IV and VI
C. Input devices: II and III; output devices: VI and VII; system unit: I and VIII; communication devices: IV and V
D. Input devices: I and IV; output devices: V and II; system unit: VII and VIII; communication devices: III and VI

7. Based on the components of computer, match the following:

I.	Hardware that enables users to send data to computer
II.	It is used to differentiate between the computer and peripheral devices, such as the monitor, keyboard, and mouse
X.	Input device
Y.	System unit

A. I to Y and II to X.
B. I to X and II to Y.

8. Match the following types of computer network to its appropriate category:

I.	A network that extends over a large geographical area such as states.

II.	A network that covers a larger geographical area by interconnecting a different LAN.
X.	MAN
Y.	WAN

A. I to Y and II to X.
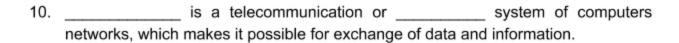B. I to X and II to Y.

9. These are the benefits of network, **except**:

I. Users are allowed to share peripherals.
II. Users can transfer file without the need to use external storage media.
III. Users can communicate with other users from all over the world.
IV. Users can easily get other users' online credentials without them noticing it.

A. IV only.
B. I and IV.
C. II and III.
D. None of them.

10. _____ is a telecommunication or _____ system of computers networks, which makes it possible for exchange of data and information.

A. Network; worldwide
B. Internet; worldwide
C. Network; integrated
D. Internet; integrated

11. The following are examples of web browsers:

I. Google
II. Bing
III. Mozilla Firefox
IV. Internet Explorer

A. I, III and IV.
B. I and II.
C. III and IV.
D. All of them.

12. Web is a part of search engine.

A. True.
B. False.

13. A/an _____ is the low-level software that supports a computer's basic functions, such as scheduling tasks and controlling peripherals.

A. operating system
B. computer virus
C. firewall
D. anti-virus

14. Students can use MS Word and MS Excel to write an essay.

A. True.
B. False.

15. Match the following to either communication devices or communication technology:

I.	A process of transferring information between two or more computer.
II.	All equipment and program that are used in exchanging data and information.
X.	Communication technology
Y.	Communication devices

A. I to Y and II to X.
B. I to X and II to Y.

16. The following are tips for making effective MS PowerPoint slides:

I. Use the slide master feature to create a consistent and simple design template.
II. Simplify and limit the number or words on each slide.
III. Use contrasting colours for both text and background.
IV. Do not use flashy transitions such as text fly-ins.

A. I, II and III.
B. I, II and IV.
C. II, III and IV.
D. All of them.

17. Freeze pane is one of the functions of MS Excel.

A. True.
B. False.

18. Which of the following statements is/are **false** pertaining to a computer?

I.   It operates without the need of operating system.
II. Accept output and produce input.
III. Process the data according to specific rules.
IV. Operating under the control of instructions stored in its own memory.

A. I and II.
B. III and IV.
C. I, II and IV.
D. None of them.

19. Based on the concept of short-cut key, match the following:

I.	Ctrl + M
II.	Ctrl + C
X.	Copy
Y.	Indent

A. I to Y and II to X.
B. I to X and II to Y.

20. Based on the movement of figures in a loan amortization table, match the following:

I.	Monthly interest payment
II.	Monthly principle payment
X.	Increasing from month to month

Y.	Decreasing from month to month

A. I to Y and II to X.
B. I to X and II to Y.

21. What are the advantages of computer literacy?

I. More job opportunity.
II. Better ways on having fun online.
III. Improve communication skills.
IV. Better ways to spread rumors.

A. I and III.
B. I, II and III.
C. II and IV.
D. All of them.

22. How does government utilize the potential of technology?

I. Improvement in attendance taking system among the private sector staff.
II. Practicing E-procurement.
III. Using social media to share information.
IV. National ID systems to improve tax compliance and provision of public services.

A. III and IV.
B. I and II.
C. II, III and IV.
D. All of them.

23. What are the impacts of technology?

I. The advent of new digital systems will result in more infringements.
II. Better access to inputs and outputs.
III. Continued public acceptance of unauthorized copying.
IV. Better quality entertainment.

A. I and III.
B. II and IV.
C. II, III and IV.
D. All of them.

24. The following are examples of netiquette when using chat room's function:

I. Avoid hijacking a discussion thread.
II. Indulge spam.
III. Do not send text containing viruses.
IV. Avoid typing in all caps.

A. I, III and IV.
B. I and II.
C. III and IV.
D. All of them.

25. Match the following use of internet to the appropriate application:

I.	Communication
II.	Education
X.	WhatsApp
Y.	FullAmark

A. I to Y and II to X.
B. I to X and II to Y.

26. There are many different types of _____. Most of them are carried out with the expectation of _____ by the attackers.

   A. cybercrime; financial loss
   B. cyber-stalking; financial gain
   C. cyber-stalking; financial loss
   D. cybercrime; financial gain

27. Based on the current issues in ICT, match the following:

I.	Lack of real human contact may have an adverse effect on people's emotional and social well-being
II.	Risks including graphic sexual images, sexual predators who solicit youngsters on chat rooms and through email, as well as online bullying
X.	Social isolation

Y.	Child safety

A. I to Y and II to X.
B. I to X and II to Y.

28. The following are examples of cybercrime attack:

I.   Cyber-stalking
II.   Fishing
III. Identity theft
IV. Ransomware

A. I, III and IV.
B. I and III.
C. II and IV.
D. All of them.

29. _____ is about protecting your devices and _____ from unauthorized access or modification.

A. Cybercrime; internet
B. Cyber security; internet
C. Cyber security; network
D. Cybercrime; network

30. Based on the current issues in ICT, match the following:

I.	Some people find it difficult to adjust to rapid growth of technology
II.	Failure to protect your computer from hackers can compromise personal information
X.	Privacy
Y.	Adaptation

   A. I to Y and II to X.
   B. I to X and II to Y.

31. The following are examples of cyber security:

   I.   Intranet security
   II. Perimeter security
   III. Application security
   IV. Network security

   A. II, III and IV.
   B. I and III.
   C. II and IV.
   D. All of them.

32. The following are tips on how to be save online, **except**:

   I.   Always check for software updates.
   II. Do not change password so frequently.
   III. Do not open emails from unknown sender.
   IV. Do not consider using firewall or antivirus.

A. IV only.
B. I and III.
C. II and IV.
D. None of them.

33. Match the following statements to either cybercrime or cyber security:

I.	The act of defending computers, servers, mobile devices, electronic systems, networks, and data from malicious attacks
II.	The use of a computer as an instrument to further illegal ends
X.	Cybercrime
Y.	Cyber security

A. I to Y and II to X.
B. I to X and II to Y.

34. Match the following statements to the appropriate security:

I.	Uses software and hardware to tackle external threats that can arise in the development stage of program
II.	Protect users' private information from unauthorized access.

X.	Application security
Y.	Information security

A. I to Y and II to X.
B. I to X and II to Y.

35. How to spot fake news?

I. Consider the source.
II. Do a quick search on the author.
III. Check for the date.
IV. Consider if you own beliefs could affect your judgement.

A. I, and II.
B. I, II and III.
C. I, II and IV.
D. All of them.

36. Match the following statement to either firewall or antivirus:

I.	It is a software based network security system that prevents unauthorised access between computer programs.
II.	It is a software utility program designed to safeguard your system from harmful programs.
X.	Firewall

Y.	Antivirus

    A. I to Y and II to X.
    B. I to X and II to Y.

37. The following are warning for harmful circumstances when being online:

    I.   Someone is insisting on getting your address or phone number.
    II. Someone wants to meet you in person.
    III. A person tells you that you will get into trouble if you tell an adult what has been going on.
    IV. A person emails you pictures which make you feel uncomfortable.

    A. I and III.
    B. I, III and IV.
    C. III and IV.
    D. All of them.

38. The following statement(s) is/are true pertaining to cyberbullying:

    I.   It takes place over digital devices.
    II. It occurs through SMS, text, forums, or gaming where people can view, participate in, or share contents.
    III. Cyberbullying includes sharing false or mean content about someone else.
    IV. Cyberbullying is an act of criminal offense.

    A. II and III.
    B. I and II.
    C. I, II and III.
    D. All of them.

39. Match the following statements to the appropriate security:

I.	Examples of security implementation includes updating and patching software as well as Anti-malware software
II.	Examples of security implementation includes monitored internet access, Antivirus and Antispyware programs
X.	Network security
Y.	Intranet security

A. I to Y and II to X.
B. I to X and II to Y.

40. Based on the tips to avoid cyber-attacks, match the following:

I.	It's important for everyone in the organization to be savvy and alert about security issues
II.	This allows limited interruptions to your business workflow
X.	Make backup copies of important data
Y.	Raise awareness

A. I to Y and II to X.
B. I to X and II to Y.

***   END OF QUESTION PAPER   ***