

ACADEMIC YEAR 2023 – 2024

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|------------------------|----------------------------------|-------------------|--------------------|
| Program | Term | Semester | Paper |
| FOUNDATION | 1 | 1 | MIDTERM |
| MODULE NAME: | INFORMATION TECHNOLOGY-II | | |
| MODULE CODE: | FCOM002 | EXAM DATE: | 19/10/2023 |
| TEACHER'S NAME: | Ahlam Al Balushi | DURATION: | 1 hr 30 min |

| | | |
|-------------------------------------|-----------------------------|------------------------|
| Questions to be answered on: | Allowed requirements | Number of pages |
| Moodle | Pen /Computer | (Incl. Cover Page): 6 |

Points of Attention:

- For each question, the maximum earned points are mentioned between brackets at the end of each question.
- Write very clearly! Answers that are not readable are not marked and don't get points!
- Make sure your answers are written to the point.
- All answers must be written **in English**.
- When finished, save your answers on **Moodle**.
- Any cheating/copying may fail the examination.

| | | |
|----------------------|--|---|
| STUDENT NAME: | | FINAL MARKS <div style="border: 2px solid black; padding: 10px; font-size: 24px; font-weight: bold;">15</div> |
| STUDENT ID: | | |
| CLASS: | | |

Number of answer scripts:

Invigilator:

Student's signature:

Time of receipt:

Question 1

[10 Marks]

Choose the correct option.

1. What type of software is distributed free of charge but has restrictions on its use and distribution?
 - a. Shareware
 - b. Freeware
 - c. Commercial software
 - d. Open-source software

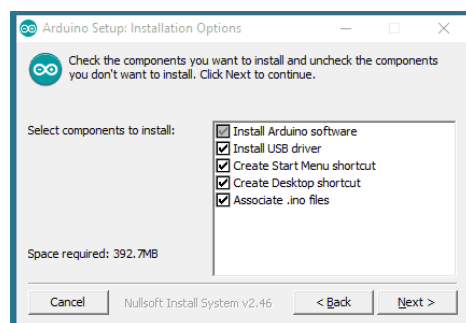
2. The below picture refers to _____.



(Seraine Page, 2020)

- a. promoting accidents
 - b. improving the environment for plants
 - c. improve human well-being and performance
 - d. maximizing discomfort
3. You want a backup strategy where each backup saves all changes since the last full backup. Which approach should be selected?
 - a. Differential backup
 - b. Incremental backup
 - c. Full backup
 - d. None of the choices
 4. There are 88 employees at XYZ company, and it requires access to specialized project management software. All employees should be able to use the software without restriction. What type of software license should XYZ company consider for their 88 employees to access the software?
 - a. Site
 - b. Single user
 - c. Custom
 - d. All the choices
 5. What type of backup strategy involves storing copies of data at a different geographical location from the original data source?
 - a. One-site
 - b. Off-site
 - c. Local site
 - d. All the choices

6. The primary purpose of a software license is _____.
- a. to prevent users from accessing the software
 - b. to generate a profit for the software developer
 - c. to describe the terms and conditions for using the software
 - d. to provide technical support for the software
7. Which of the following is the primary function of a setup programme when installing software on a computer?



(Arduino, 2023)

- a. Protect the computer from unauthorized access
 - b. Enhance software performance and make it run faster
 - c. Remove unnecessary software from the computer
 - d. Ensure that all necessary files and components are correctly placed and configured
8. Imagine you are a graphic designer who needs a computer that is good for designing pictures and can be carried around easily. Which type of device would be best for you?
- a. Desktop
 - b. Tablet
 - c. Laptop
 - d. All choices
9. Which of the following licenses does the picture relate to?



(Wallen, 2015)

- a. Commercial software
- b. Open-source software
- c. Freeware software
- d. Shareware software

10. Imagine you are a business owner about to launch a new line of products under a unique brand name. The primary concern is protecting your brand identity and preventing competitors from using a similar name. What form of intellectual property protection is most appropriate in this context?
- a. Patent
 - b. Copyright
 - c. Industrial design
 - d. Trademark

Question 2

[5 Marks]

Match the terms on the left with their descriptions on the right:

| No. | Term | | Description |
|-----|--------------|--|---|
| a. | Data Privacy | | Creating copies of files and data to prevent loss in case of data corruption. |
| b. | Password | | Legal protection of creative works such as art and music. |
| c. | Backup | | Refer the original source to someone when using his or her work in your document. |
| d. | Copyright | | A way to protect data from unauthorized access. |
| e. | Citation | | Use at least 8 characters that includes a combination uppercase letters, lowercase letters, numbers, and symbols. |

MLO & Bloom's Level of Complexity

| Q # | MLO Addressed | Complexity Level | Mark | Remark |
|------|---------------|------------------|------|--------|
| 1.1 | 6 | Understanding | 1 | |
| 1.2 | 1 | Understanding | 1 | |
| 1.3 | 4 | Understanding | 1 | |
| 1.4 | 6 | Understanding | 1 | |
| 1.5 | 4 | Understanding | 1 | |
| 1.6 | 6 | Understanding | 1 | |
| 1.7 | 5 | Understanding | 1 | |
| 1.8 | 1 | Understanding | 1 | |
| 1.9 | 6 | Understanding | 1 | |
| 1.10 | 7 | Understanding | 1 | |
| 2. | 3, 4, 7 | Understanding | 5 | |

References:

- Arduino. (2023). *Arduino IDE 1 installation (windows)*, *Arduino Documentation*. Available at: <https://docs.arduino.cc/software/ide-v1/tutorials/Windows> (Accessed: 27 September 2023).
- Seraine Page. (2020). *Ergonomics in the workplace: How poor posture hurts your workers*, *Total Wellness Health*. Available at: <https://info.totalwellnesshealth.com/blog/ergonomics-poor-posture-hurts-your-workers> (Accessed: 27 September 2023).
- Wallen, J. (2015). LibreOffice 5.0: The strongest release to date, TechRepublic. Available at: <https://www.techrepublic.com/article/libreoffice-5-0-the-strongest-release-to-date/> (Accessed: 10 October 2023).