

UNIVERSITY OF MSILA – MOHAMED BOUDIAF UNIVERSITY

Faculty of Mathematics and Computer Science

Department of Computer Science

Academic Year: 2025/2026

Examination Session: Normal

Module: Free Software.

Level: 1st Year Computer Science

ملاحظة هامة : تُعطى نسخة واحدة فقط من ورقة الامتحان. لن يتم تصحيح أي سؤال تم العبث به أو شطبه. لا تسلم أوراق محاولات.

First name: **Family name:** **Group:**

For each question, choose the single correct answer ☒.

1. Information Technology (IT) involves the use of hardware, software, networking, and processes to manage electronic data.
A) True ☒ B) False ☐
2. A server is a type of computer whose primary function is to provide resources, data, or services to other computers (clients) over a network.
A) True ☒ B) False ☐
3. A router is a network device that connects different networks together (e.g., a home LAN to the internet) and directs data packets between them.
A) True ☒ B) False ☐
4. An embedded computer is a dedicated system within a larger mechanical or electrical system, designed to perform specific, predefined tasks (e.g., in a car engine or a smart appliance).
A) True ☒ B) False ☐
5. The primary purpose of an Intranet is to serve as a private, internal platform for employee communication, collaboration, and access to company resources.
A) True ☒ B) False ☐
6. In a typical **EDI** process, purchase orders are printed and sent by postal mail to ensure maximum security.
A) True ☐ B) False ☒
7. A CRM system is primarily designed to manage a company's internal inventory levels and financial accounting.
A) True ☐ B) False ☒
8. Linux is a single, unified operating system with no variations.
A) True ☐ B) False ☒
9. The Linux kernel was created by Richard Stallman in 1985.
A) True ☐ B) False ☒
10. Ubuntu and Fedora use exactly the same package management system.
A) True ☐ B) False ☒

11. Vim uses the same interface mode for both text insertion and command execution.
A) True ☐ B) False ☒
12. Open source software must always be distributed free of charge.
A) True ☐ B) False ☒
13. Open source software is inherently less secure because anyone can see the source code and find vulnerabilities.
A) True ☐ B) False ☒
14. The GPL license allows you to incorporate GPL code into proprietary software without sharing source.
A) True ☐ B) False ☒
15. LibreOffice was originally developed by Microsoft as an open source alternative to Office.
A) True ☐ B) False ☒
16. The OpenDocument Format (ODF) is a proprietary format owned by Google.
A) True ☐ B) False ☒
17. Nextcloud is a proprietary service that requires monthly subscription fees.
A) True ☐ B) False ☒
18. A Pull Request is a demand to merge your code, not a request for review.
A) True ☐ B) False ☒
19. The CONTRIBUTING.md file is optional and rarely contains important information.
A) True ☐ B) False ☒
20. Companies cannot make money from open source software; it must always be free.
A) True ☐ B) False ☒