

Regular session exam

20
20

Part 1: Choose the correct answer(s): اختر الإجابة (أو الإجابات) الصحيحة:

- (1) Question 1. What is the main role of Bash ? ما هو الدور الرئيسي لـ Bash ?
 Interpreting user commands
 Managing hardware
 Creating partitions
 Compiling programs
 زجمة البرامج
 إدارة الأجهزة
 إنشاء الأقسام
 تفسير أوامر المستخدم
 -0,25
- (1) Question 2. Which principle describes how the Linux terminal works? أي مبدأ يصف طريقة عمل محطة لينكس ?
 REPL
 FIFO
 HTTP
 BIOS
- (1) Question 3. Which command usually requires administrator privileges? أي أمر يتطلب عادةً صلاحيات المسؤول ?
 sudo apt update
 echo
 ls
 cat
- (1) Question 4. Which command creates an empty file? أي أمر يُنشئ ملفًا فارغًا ?
 touch
 mkdir
 cat
 pwd
- (1) Question 5. Which command is used to rename a file? ما هو الأمر الذي يُستخدم لإعادة تسمية ملف ?
 mv
 cp
 rm
 touch
- (1) Question 6. Which command displays the content of a text file? ما هو الأمر الذي يعرض محتوى ملف نصي ?
 cat
 touch
 mv
 mkdir
- (1) Question 7. What does the command git branch do? ما وظيفة الأمر git branch ?
 Creates a parallel development line
 Deletes files
 Installs
 Merges projects
 دمج المشاريع
 إنشاء خط تطوير موازي
 حذف الملفات
 تثبيت
 -0,25
- (1,5) Question 8. What is a CMS? ما هو CMS?
 System for creating websites
 Programming language
 Databas
 Operating system
 محرك قاعدة بيانات
 نظام لإنشاء مواقع الويب
 لغة برمجة
 نظام تشغيل
 -0,25
- (1,5) Question 9. LibreOffice is considered a good alternative to Microsoft Office because :
 It is free.
 It is compatible with MS Office files.
 LibreOffice is a better alternative to Microsoft Office.
 It works on different operating systems.
 إنه مجاني
 متوافق مع ملفات Office MS
 LibreOffice بديلًا جيدًا لحزمة Office Microsoft للأسباب التالية
 يعمل على أنظمة تشغيل مختلفة
 -0,5
- (1,5) Question 10. Which language is used to interact with databases? ما هي اللغة المستخدمة للتفاعل مع قواعد البيانات?
 SQL
 HTML
 CSS
 JavaScript
- (1,5) Question 11. Which command installs LibreOffice on Ubuntu? ما هو الأمر الذي يُستخدم لتثبيت LibreOffice على نظامي Ubuntu ?
 sudo apt install libreoffice
 sudo install libreoffice.windows
 install libreoffice.exe
 apt-get

(1) Question 12. Open source communities are based on:
 Decentralized collaboration. Centralized control. Closed collaboration. Private ownership.
 (1)

(0.5) Question 13. Meritocracy means:
 Value based on contribution quality. Power based on money. Authority based on age. Random selection.
 (0.5)

(0.5) Question 14. communities rely on various contribution methods, Which of the following is a contribution method?
 Reporting bugs. Ignoring issues. Writing code. Translating content.
 (0.5)

(0.5) Question 15. Which organization supports open source projects?
 Apache Foundation. Microsoft Office. Facebook Ads.
 (0.5)

(0.5) Question 16. In the "services and support" model, companies earn money by:
 Providing services (support, training). Selling the code. Blocking access. Removing features.
 (0.5)

(1) Question 17. Open source helps Algeria by:
 Reducing costs. Blocking innovation. Reducing technological dependence on foreign vendors. Limiting access.
 (0.5)

(0.5) Question 18. What is the main role of Git?
 Version control. Image editing. Database design. Web hosting.
 (0.5)

(0.5) Question 19. The OSI was created to promote:
 Ethics. Commerce. Code quality. Copyright.
 (0.5)

Part 2: Indicate whether the following statements is True or False:
 (4 pts) 1. Every open source software is free software.
 (1)

2. The shell is used to interact with the operating system.
 True (1)

3. GNU/Linux is based on the Linux kernel and GNU tools.
 True (1)

4. apt is commonly used in Debian and Ubuntu distributions.
 True (1)