BCA III Semester Degree Examination, March/April - 2023

COMPUTER SCIENCE

Open Source Tools

(NEP)

Time : 1 Hours   Maximum Marks : 30

Note :   *Answer **all** the questions.*

1.   OSS Stands for :
   (A)   Open System Service   (B)   Open Service Software
   (C)   Open System Software   (D)   Open Source Software

2.   The term FOSS is associated with :
   (A)   Closed Source Software   (B)   Proprietary Software
   (C)   Open Source Software   (D)   None of the above

3.   A software code of which is available freely on internet and is open for users for further use and improvement and which is generally developed in a collaborative manner is called :
   (A)   Open Source Software   (B)   Unlicensed Software
   (C)   Proprietary Software   (D)   Community Software

4.   The users must agree to the _____ terms and agreements when they use an Open Source Software.
   (A)   System   (B)   Licence   (C)   Community   (D)   Programmer

5.   Which of the following is an example of Open Source Software ?
   (A)   Adobe Photoshop   (B)   Microsoft Word
   (C)   LibreOffice   (D)   Windows 10

6.   Who is considered as the Father of open source technology ?
   (A)   Linus Torvalds   (B)   Robert Joseph
   (C)   Richard Stallman   (D)   Simon Tim Cranner

7. The GNU LGPL is a derivative of :
(A) GPL (B) BSD (C) APL (D) MPL

8. Which is/are Open Source Operating Systems ?
(A) Linux (B) Ubuntu (C) Fedora (D) All of the above

9. GPL allows to license the entire software product while LGPL allows to license only the _____ of the software products.
(A) Software Libraries (B) Mozilla Application Suite
(C) QP Software (D) Academic Licence

10. A _____ is a type of intellectual property that gives its owner the legal right to exclude others from making, using or selling an invention for a limited period of time.
(A) Licence (B) Contract (C) Patent (D) Warranty

11. Which is an open source UML tool ?
(A) Magic Draw (B) ArgoUML
(C) Enterprise Architect (D) Visual Paradigm

12. What provides a set of stylesheets that provides basic style definitions of the HTML components ?
(A) Bootstrap (B) Java Script (C) SaaS (D) Flexbox

13. Which is/are open source programming languages ?
(A) Perl (B) PHP (C) Python (D) All of the above

14. ArgoUML is released under which licence ?
(A) General Public Licence
(B) Lesser General Public Licence
(C) Affero General Public Licence
(D) Eclipse Public Licence

15. VCS stands for :
(A) Version Configuration System
(B) Version Configuration Solutions
(C) Version Control System
(D) Version Control Structures

16. Who created Git ?
(A) Dennis Ritchie (B) Linus Torvalds
(C) James Gosling (D) Olivia Mackall

17. A software bug is a/an _____.
(A) Error
(B) Fault
(C) Flaw
(D) All of the above

18. Bootstrap is used for _____.
(A) Web applications
(B) IOT
(C) Big data
(D) Database

19. Tracking _____ related to the software product is done with Bugzilla.
(A) Data
(B) Bugs
(C) Numbers
(D) Attacks

20. Git is a _____ Version Control System.
(A) Localized
(B) Centralized
(C) Distributed
(D) All of the above

21. BSD stands for :
(A) Berkeley System Distribution
(B) Berkeley Software Distribution
(C) Berkeley Software Devices
(D) None of the above

22. Apache is best described as :
(A) Web Server
(B) Application Server
(C) Web Browser
(D) Operating System

23. Mozilla Firefox is a/an :
(A) Editor
(B) Compiler
(C) Browser
(D) Blog

24. Which is an example of open source website development and content management platform ?
(A) Trac
(B) Joomla
(C) Git
(D) Firefox

25. In which of the following does Joomla store its data ?
(A) SYBASE
(B) MySQL Database
(C) Postgresql
(D) Oracle Database

26. Which is an optimizing compiler produced by GNU project ?
(A) Clang
(B) Turbo C
(C) Tiny C
(D) GCC

27. Which is a free online encyclopedia that contains information on all branches of knowledge ?

(A) Index Master   (B) Internet Archieve

(C) Informit   (D) Wikipedia

28. Who is the founder of Wikipedia ?

(A) Jimmy Wales   (B) Larry Sanger

(C) Both (A) and (B)   (D) None of the above

29. Which is a word processor of LibreOffice ?

(A) AppleWorks   (B) Microsoft Word

(C) Word Perfect   (D) Writer

30. LibreOffice project uses which dual Licence ?

(A) GPL/LGPL   (B) LGPL/MPL   (C) MPL/GPL   (D) APL/MPL

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