

Dr. Babasaheb Ambedkar Open University
Term End Examination February – 2026

Course	: BCAR	Date	: 18-Feb-26
Subject Code	: BCAR-401	Time	: 03:00pm to 05:15pm
Subject Name	: Web Technology Using FOSS (LAMP/WAMP)	Duration	: 02.15 Hours
		Max. Marks	: 70

Section A

Answer the following (Attempt any three) (30)

1. Write a detail note on different type of Software Licensing
2. Describes the usage of Internet in human life with its pros and cons
3. Write a code for XML document creation using SAX events.
4. Describe in brief any 10 system configuration files
5. Write a detail note on Client Server Communication with Client/Server Characteristic.

Section B

Answer the following (Attempt any four) (20)

1. Describe the advantages of moving towards using Open sources in brief
2. Explain in brief FOSS and its usage that shows need in organization.
3. Detailed in brief all 10 different log files that are located under /var/log/ directory
4. Write a code snippet using JavaBean showing student class having certain properties.
5. Describe DSL, ADSL Connection in brief.
6. Describe Dial-up Connection in brief.

Section C

Part – A (Multiple Choice Questions) (10)

- 1 Which among the following is not a function of a Protocol?
A It keeps information of its own B It allows the computers to share information
C It can communicates among 2 computers D It shows network services
- 2 HTTP client requests by establishing _____ connection among port on server
A user datagram protocol B transmission control protocol
C broader gateway protocol D none of the mentioned
- 3 Which is not a open source software from the following?
A Mozilla Firefox B Windows
C Google Chromium D Android
- 4 Which among the following feature highlights the qualities of non-layout table?
A role attribute with value presentation B non-conforming border attribute with value()
C non-conforming cellspacing attributes with value 0 D caption

- 5 Which is not a function of Linux operating system?
 A recognize input from keyboard B shows output on monitor
 C loads keyboard D track of files
- 6 To configure network, you will not need
 A Network device B Network cable
 C Network hard disk D Network software
- 7 Master Boot Record is located in the _____ sector of bootable disk.
 A First B Second
 C Middle D Last
- 8 In digital clock, which among the following is not a state
 A Display B Set Hours
 C Set Minutes D Set Days
- 9 Namespace does not contains:
 A identifiers B functions
 C software D methods
- 10 JSP provides good way of:
 A writing dynamic content B writing static content
 C mixing static and dynamic contents. D all of above

Part – B (Do as Directed)

(10)

- 1 Which server is used for sending and receiving requests from web server?
- 2 List the required consideration need to have while writing XHTML document.
- 3 What is the process in the open source software development model that contains documentation of code?
- 4 How many primary partitions are there in Linux?
- 5 List any two core specification of Apache License.
- 6 List the name of four different kind of authentication-related activity in PAM recognizes.
- 7 Which command will execute when servlet is loaded in server?
- 8 XSL Transformations transforms _____
- 9 Bronze is used in making of telephone lines. True / False. If False, give the correct answer
- 10 _____a type of shell scripting which is most popularly used in Linux environments.
