

	<b>MAHENDRA ARTS &amp; SCIENCE COLLEGE</b> (AUTONOMOUS) Affiliated to Periyar University			
	<b>B.Sc./BCA – SUPPLEMENTARY EXAMINATIONS</b> <b>Nov/Dec – 2020</b> <b>Fifth Semester</b>			
<b>M16UCSE03/M16UCAE03 – ELECTIVE – I – OPEN SOURCE SOFTWARE DEVELOPMENT</b> <b>(B.Sc. Computer Science/BCA)</b> <b>(Regulations – 2016)</b>				
Time:	<b>3.00 Hrs</b>		Maximum :	<b>75 Marks</b>

**PART – A (ANSWER ALL THE QUESTIONS) (10 \* 2 =20 Marks)**

1. What is free software?
2. Define Data Architecture.
3. Write a note on Web applications.
4. What is Unix mail system?
5. Give short notes on database server.
6. What is Fedora?
7. Write use of Python.
8. Define Customer Management.
9. Define storage engine.
10. What is shared database?

**PART – B (ANSWER ALL THE QUESTIONS) (5 \* 5 =25 Marks)**

11. (a) Explain open source stack. (OR)  
(b) Write notes on deployment platform.
12. (a) Give a note on Call centers. (OR)  
(b) Explain Weblog and instant messaging
13. (a) Write notes on Apache Web servers. (OR)  
(b) Explain about office suite.
14. (a) Give short notes on open source development tools. (OR)  
(b) Write down the Implementation principles.
15. (a) Explain about State Management. (OR)  
(b) Discuss the reciprocal and non reciprocal licenses.

**PART – C (ANSWER ANY THREE QUESTIONS) (3 \* 10 =30 Marks)**

16. Explain brief History of Software.
17. Discuss about migrate applications and databases to open source.
18. Briefly explain Infra structure services.
19. Discuss about Languages used to develop open source products.
20. Write in detail on types of cost.

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