[6120]-116

Second Year M.C.A. (Management)
421 - IT - 41 : DEVOPS
(Revised 2020) (Semester - IV)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:
1) *All questions are compulsory.*
2) *All question carries equal marks.*

Q1) a) Explain in detail Devops life cycle with diagram. **[5]**

b) Explain git repository with examples. **[5]**

OR

c) Explain any 5 linux commands with proper syntax and suitable example. **[5]**

d) Difference between CVCS and DVCS. **[5]**

Q2) a) How to set up chef workstation, chef server, Nodes, Chef client? Explain it. **[10]**

OR

b) Explain Maven local and gobal repositories in details with steps. **[10]**

Q3) a) Explain Docker components with suitable documents. **[5]**

b) Explain types of handlers in chef. **[5]**

OR

c) What is docker hub? Explain running multiple containers with suitable examples. **[5]**

d) Write all the steps Installing Docker on Linux. **[5]**

P.T.O.

Q4) a) Explain maven build life cycle with suitable diagram. **[5]**

b) Explain git essentials in detail. **[5]**

OR

c) How to create maven local and global repository? **[5]**

d) Explain Accessing Containers, and linkling containers. **[5]**

Q5) Write short notes: (Any Two) **[10]**

a) SDLC Model

b) Branching in git

c) Chef environment

OR

d) AWSECS **[10]**

e) Maven global repository

f) Creating branch in Git.

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