

OCT/NOV 2023

Total No. of Questions : 5]

SEAT No. :

P5792

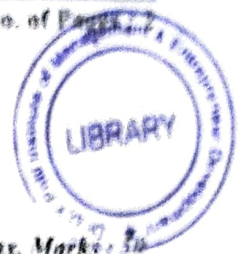
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Second Year M.C.A. (Management)

421 - IT - 41 : DEVOPS

(Revised 2020) (Semester - IV)



[Max. Marks : 50]

Time : 2½ Hours]

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 linking 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.

