Total No. of Questions : 5]

PB-842

SEAT No. :

[Total No. of Pages : 2

[6204]-41
M.C.A. (MANAGEMENT)
IT-41: Devops
(421) (Semester-IV) (Revised 2020)

Time : 2½ Hours]

Max. Marks : 50

Instructions to the candidate:

1) *All questions are compulsory*
2) *All questions carries equal marks.*

Q1) a) Explain devops life cycle with suitable diagram. **[5]**

b) What is git? Explain the importance of using git. **[5]**

OR

c) Write YUM installation in detail. **[5]**

b) What are difference between git pull and git fetch.? **[5]**

Q2) a) Create a server and add to organisation, chek node details using knife in chef configuration management. **[10]**

OR

b) Explain maven build requirements and maven pluging with suitable diagram. **[10]**

Q3) a) What is the lifecycle of the Docker container? Explain in details. **[5]**

b) Explain Docker networking for **[5]**

    i) Container Routing

    ii) Exposing container

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OR

c) Explain installation of docker on windows in details. [5]

d) Publish the custom image on docker contains with suitable methods. [5]

Q4) a) Explain chef architecture with suitable diagram [5]

b) Explain maves Build life cycle in details. [5]

OR

c) What does a node represent in chef? [5]

d) What are the maven dependencies? [5]

Q5) a) Write difference between SDLC Models and Agile [5]

b) Differentiate between CVCS and DVCS with suitable references. [5]

OR

c) What are the importance of linux is devops [5]

d) Explain cloning and check - in is GIT. [5]

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