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Reg. No. P 18 J W 2) S 00 05

III Semester M.C.A. Degree Examination, June/July - 2023

COMPUTER SCIENCE
Cloud Computing (Elective)
(CBCS Scheme(Y2K20))

Time : 3 Hours

Maximum Marks : 70

Instructions to candidates:

1. Answer any **FIVE** questions from Section - A.
2. Answer any **FOUR** questions from Section - B.

SECTION - AAnswer any **FIVE** questions. Each question carries **6** marks.

1. List out the advantages and dis-advantages of SaaS. (6)
2. Briefly explain Virtual Machines. (6)
3. Enlist data security risks in cloud computing. (6)
4. Discuss distributed computing. (6)
5. Briefly explain about Grid computing. (6)
6. Differentiate between private cloud and public cloud. (6)
7. Explain Business benefits in cloud computing. (6)
8. Explain briefly about Apache Hadoop library. (6)

**SECTION - B**Answer any **FOUR** questions. Each question carries **10** marks.

9. Explain the various services and deployment models in cloud. (10)
10. Write short notes on: (5+5)
 - a) PaaS
 - b) Integration of Private and Public cloud.

[P.T.O.]





11. a) What is virtualization? Explain its uses.
b) Explain briefly access control and authentication in cloud computing. (4+6)
 12. Elaborate the working of Map Reduce with an example. (10)
 13. Explain briefly about the following: (5+5)
 - a) Google app engine
 - b) Aneka
 14. Write short notes on: (5+5)
 - a) Multi - tenancy Issue
 - b) Cloud - Infrastructure services.
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