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**Question Paper Code: U2302**

B.E./B.Tech. DEGREE EXAMINATION, NOV 2024

Professional Elective

Computer Science And Business Systems

21CSV302-VIRTUALIZATION

(Regulation 2021)

Duration: Three hours

Maximum: 100 Marks

Answer All Questions

PART A - (10 x 2 = 20 Marks)

1. How does Virtualization work in cloud computing? CO2-App
2. Define the Azure and Google cloud functions. CO1-U
3. Define the level of System Level. CO1-U
4. What do you mean by Remote Desktop Services? CO1-U
5. Define Check point Virtual System. CO2-App
6. What is the Network Function Virtualization? CO1-U
7. List out the Disadvantages of Storage Virtualization? CO1-U
8. List out the Types of Storage Virtualization. CO1-U
9. What is Google Virtual machine? CO1-U
10. What do you mean by Background Text Fusion? CO1-U

PART – B (5 x 16= 80Marks)

11. (a) Discuss the Virtualization in hardware and implement the Types of Virtualizations in Hypervisor. CO1-U (16)  
Or  
(b) Discuss the Pros and cons of hypervisor and describe the various types of Hypervisors. CO1-U (16)
12. (a) How would you to create server of Virtualization in detail. CO2-App (16)  
Or  
(b) Utilize a way to implement the Kernel Level Virtualization? CO2-App (16)

13. (a) Discuss the Architecture of VLAN in Virtual LAN CO1-U (16)  
Or  
(b) Discuss the Link of Computer Network. CO1-U (16)
14. (a) Discuss the Types of SAN. CO1-U (16)  
Or  
(b) Explain in detail about the Cyber Security. CO1-U (16)
15. (a) Discuss the VMWare and AWS Microsoft Hypervisor. CO1-U (16)  
Or  
(b) Describe the Various Google Virtualization and challenges. CO1-U (16)