(21/2 Hours) [Total Marks: 75] N.B. 1) All questions are compulsory. Figures to the right indicate marks. 3) Illustrations, in-depth answers and diagrams will be appreciated. Mixing of sub-questions is not allowed. 0.1 (20M)Attempt ANY FOUR from the following: (a) Write a note on WSDL. (b) Compare SOAP and Rest web services. State and explain HTTP methods. (c) (d) Write a short note on oVirt. (e) State pros and cons of visualization. (f) Explain in detail about KVM. Q. 2 Attempt ANY FOUR from the following: (20M)(a) Classify the various types of cloud models. (b) Enlist secure development best practices with respect to cloud computing. (c) Explain SaaS in detail. (d) Explain open challenges of cloud computing. (e) Compare Cloud providers and traditional IT service providers. (f) Explain Cloud Security Design principles. Q. 3 Attempt ANY FOUR from the following: (20M)What is DevStack? Enlist the installation steps. (a) (b) Explain the role of SimJava in CloudSim. (c) What is QUOTAS in OpenStack? Explain. Explain CludSim Architecture. (d) (e) Explain the OpenStack Command Line Interface(CLI). (f) Write a note on Amazon VPC. Q. 4 Attempt ANY FIVE from the following: (15M)Write a short note on "JAX RS". (a) Differentiate Distributed and Parallel computing. (b) Explain the concept of Community Cloud in detail. (c) What is Virtualization? Give its benefits. (d) (e) Explain Components and services of AWS. (f) Explain Architecture of Nova.

79881
