**Cloud computing**

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**1. Nashik Shiwar is a startup that supplies vegetables and fruits directly from the farmersin villages to consumers in cities like Mumbai and Thane. It is planning to use asoftware solution to manage its operations. One vendor has approached it with aproposed solution to be hosted in its cloud. The founders of Nashik Shiwar are not sotech savvy so they have been apprehensive with the cloud option. They haveapproached you as the IT expert to advise them on this matter. What will be youradvice to them?**

Its sample only

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**Answer**: As mentioned in the question, Nashik Shiwar is newly established organization which is in the business of supplying fruits and vegetables to the citizens of Mumbai and Thane. Company buys these products directly from farmers and sell in the cities. To streamline the process and manage the operations easily, company is planning to use a software solution which will be in cloud. The founders of Nashik Shiwar are not so tech savvy so they have been blank and confused with the cloud option. As an IT expert, I believe cloud adoption is the need of the hour and offer several benefits to the organization. I will discuss more about it

**2. Sentac Enterprises has grown very fast with its cloth bag manufacturing business,thanks to the increased awareness about less use of plastic bags. To sustain the growth,Sentac Enterprises is looking for automation of its core operations. As an IT expert,you are advising them for the cloud solution. Which cloud deployment model andcloud service model would you recommend? Justify your recommendations.**

**Answer**: The key to cloud computing is the “cloud” a massive network of servers oreven individual PCs interconnected in a grid. These computers run inparallel, combining the resources of each to generate supercomputing likepower. What, exactly, is the “cloud”? Put simply, the cloud is a collection of computers and servers that are publicly accessible via the Internet. Thishardware is typically owned and operated by a third party on a consolidatedbasis in one or more data center locations. The machines can run anycombination of operating systems; it’s the processing power of the machinesthat matter, not what their desktops look like.

As mentioned in the question,Sentac Enterprises is looking for automation of its core operationsto sustain the

**3. “I am sure we want cloud solution but which one? Microsoft Azure, AWS, GoogleCloud, IBM Cloud; there are so many options!” Manish opened the meeting of hisboard of directors. The meeting was called to decide on procurement of infrastructureas-a-service solution to host all IT applications of Sampad Nature Club. SampadNature Club has grown very fast under the able leadership of Manish Kapade, whoused technology effectively to build up a chain of nature-friendly resorts near citieslike Mumbai and Pune.“I suggest we should look for mid-size local companies instead of mega vendors likeIBM and Microsoft.” Sandeep spoke first after Manish. Though Sandeep was CFO, hewas very much aware of technology market trends.**

**a. Will you support Sandeep’s suggestion? Why?**

**b. Why should Sampad Nature Club consider mega vendors like IBM and Microsoft forprocuring IaaS solution?**

**Answer**: a) The services which are provided by the cloud will influence yourorganization either directly or indirectly. And this impact is not only for the IT department but to the whole company. Cloud computing is an advance technology which represents transformation of our entire organization which includes people, system and processes. We may have different questions like; the service provided by the cloud will be fit into your overall corporate and IT strategy. Whether the cloud service providers could be able to manage the internal services? How to move the customers or the people involved in business in to the cloud service? Whether cloud is able to support company’s IT governance requirement, important issues of emerging corporate and governmental standards, business process management, and the overall