

**Savitribai Phule Pune University, Department of Management Sciences (PUMBA)**  
**MBA, Trimester – II , External Assessment Examination, February, 2017**  
**Subject Code: 203**

Name of Subject: MIS

Marks: 50

Time: 2.5 Hrs

**Note:** Both sections should be solved on different answer sheets

**Section - I** Total marks (25)

**Que.1. Answer any three questions. (5 marks each)**

- List and explain all the components of IT infrastructure?
- What are the current trends in computer software platforms? How can they be used on cost effective manner so as to help an individual to plan the startup.
- Comment and justify the claim “Data warehousing is subject oriented and OLTP is application oriented”.
- Assuming that you are planning to set up an e-commerce business to buy and sell the used household furniture. Which technologies from the Web 2.0 will you choose? Give the priority for their use in your business so as to make it popular. Explain the high priority technology that you have chosen and justify your choice.
- Name and describe the three external sources for software. Explain in brief which source you think is more effective incase if you plan for a startup.

**Que.2. Attempt any one of the following. (10 marks)**

- Let us consider a fantasy, Government of India decides to make all the transaction as cashless. Keeping in view of this proposal assume that the decision of not to make use of the paper currency is to be made applicable from 01-March-2017. How you can encash this opportunity is develop and release a software solution. List and explain how you will setup/procure the IT infrastructure components. Explain your complete plan in this respect.
- You were appointed by Savitribai Phule Pune University as an IT Manager. Among the tasks given to you one of the task is to set up the complete IT infrastructure along with building and setting up the complete process towards paperless office for all the employee related tasks including leave management, workload management, appointments, salary etc. Give a sketch of the steps that you follow to completely build this system. See that you address your choices for the IT infrastructure, Data resources and the complete sketch of the steps that you will follow to build the system.

**Section - II** Total marks (25)

**Q1. Case Study**

The following is an excerpt from a news article in the *Daily Update*, March 07, 2016

“SystemX Inc., called off its acquisition of SoftGuide Knowledge Consultants, Friday, saying that 1 Billion was too high a price.” (SoftGuide has a considerable market share in Training and Development services and would therefore help SystemX to diversify and expand its range of services to customers.

“Although SystemX officials would not comment further, several observers said that problems discovered at SoftGuide probably lay behind the decision.... The article said that SystemX feared that SoftGuide’s data-processing system was inadequate to handle the new products planned for the SoftGuide sales staff. SystemX officials were also concerned about the 30 percent annual turnover among sales personnel Tabrez A, SoftGuide CEO, responded that the SoftGuide’s data-processing was quite competent and has absorbed at least one new product a month for two years.”

**Questions:**

- Why should SystemX be so concerned about the capabilities of SoftGuide’s data-processing?
- What competitive advantages to a Training ?

**Q2. Design a Sales Analysis Report** for multiproduct, multichannel and nationwide sales of consumer durable company. (10)

**Q3. Describe the transformation from Data->Information-> Knowledge** with suitable example (5)