

The question paper contains 1 printed page.

Q. 1. Define the following terms (*Answer four out of the six options provided*):
(4*5 marks=20 marks)

- i. Interoperability
- ii. e-Aushadhi
- iii. Big Data
- iv. Gartner's Hype cycle
- v. Machine Learning
- vi. Crowdsourcing

Q. 2. Differentiate between the following with appropriate examples (*Answer two out of the four options provided*).
(2*10 marks=20 marks)

- i. Tactical, Operational versus Strategic Decisions
- ii. Online Processing versus Batch Processing
- iii. Sensors versus Actuators
- iv. Centralized IT versus Decentralized IT

Q.3. With reference to a rural management programme (say for example MGNREGA or any other programme of your choice), answer the following questions:

(5*6 marks=30 marks)

- i. What makes a Management Information System (MIS)? Describe the features of the MIS system of the particular rural management programme chosen by you.
- ii. Layout an analytical framework for evaluation of the MIS system.
- iii. Using the analytical framework laid out in previous question, analyze the MIS system.
- iv. Suggest how the MIS system of this program can be improved from its current state.
- v. Looking at international best practices, what is the state-of-the-art technology being used in this area.