

B.E.(with Credits)-Regular-Semester 2012 - Mining Engineering Sem VIII
MN8053 - Elective-II : Management Information System

P. Pages : 2

Time : Three Hours



GUG/W/16/7128

Max. Marks :80

- Notes :
1. All questions carry equal marks.
 2. Assume suitable data wherever necessary.
 3. Illustrate your answers wherever necessary with the help of neat sketches.
 4. Marks are indicated to the right.

1. "Information has occupied an important place as the fifth crucial resource in management of any modern business." Justify your agreement or otherwise with the statement. In the light of the above, define and discuss the rationale of MIS in modern age business activities. **16**

OR

2. What is a system? **16**
Define
i) Systems approach,
ii) Deterministic and probabilistic system,
iii) Open and closed system,
iv) Boundary,
v) Interface,
vi) Cybernetic system,
vii) Physical and abstract system,
viii) Synergy
ix) Environment and
x) Human-machine system.

3. "A manager is essentially a decision maker". Comment what do you understand by decision-making? Discuss any one model of decision-making you know of describing its different phases. **16**

OR

4. What is systems Analysis and Design? Describe briefly system Development Cycle. **16**
5. Why is planning an information system important? Describe different important approaches to planning. **16**

OR

6. Write short notes on. **8**
- a) E - commerce **8**
- b) Supply chain management. **8**

7. Enlist different types of information systems used in MIS and briefly describe their salient features. **16**

OR

8. Describe the information inputs that would have to be included under the following heads: **16**

- i) Geotechnical information, and
- ii) Sales & Marketing information.

9. What are computer networks? Describe the different important types of data communications networks stating their applicability condition also. **16**

OR

10. Define **16**

- i) bitrate and baud rate.
- ii) virus, malware, spamming.
- iii) internet, intranet and extranet
- iv) data encryption & decryption as data security measures what is telecommunication?
