



ENGINEERING & MANAGEMENT EXAMINATIONS, DECEMBER - 2008
BUSINESS SYSTEMS AND APPLICATIONS
SEMESTER - 1

Time : 3 Hours]

[Full Marks : 70

GROUP - A**(Multiple Choice Type Questions)**1. Choose the correct alternatives for the following : 10 × 1 = 10

i) The time between receipt of order for a product and delivery of the same is called

- | | |
|-------------------|-------------------|
| a) cycle time | b) lead time |
| c) execution time | d) none of these. |
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ii) Teleconferencing refers to

- | | |
|--------------------------|-----------------------|
| a) audio conferencing | b) video conferencing |
| c) computer conferencing | d) all of these. |
-

iii) Geographic Information System is a special category of

- | | |
|--------|-------------------|
| a) EDP | b) DSS |
| c) EIS | d) none of these. |
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iv) Web enabled hyperion is an example of

- | | |
|--------|---------|
| a) EIS | b) DSS |
| c) MIS | d) TPS. |
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v) The primary function of datamart is

- a) data cleaning
- b) data integration
- c) data selection
- d) none of these.

vi) Strategic planning is measurable in terms of

- a) days
- b) months
- c) weeks
- d) years.

vii) The fourth management function is

- a) controlling
- b) leading
- c) planning
- d) organizing.

viii) OLTP stands for

- a) offline transaction processing
- b) online training processing
- c) online transaction processing
- d) offline training placement.

ix) The application software that serves as cross-functional enterprise backbone is

- a) SAP R/3
- b) data warehouse
- c) datamart
- d) StarOffice.

x) Touchscreen terminal is an example of

- a) EIS
- b) MIS
- c) DSS
- d) TPS.

**GROUP - B****(Short Answer Type Questions)**Answer any *three* of the following.

3 × 5 = 15

2. What is information ? Write the characteristics of information. 5
3. How is the data processing done in computer based information system ? 5
4. What is an expert system ? Define knowledge engineering. 5
5. How can video conferencing save money for a business ? What applications are often used in office automation ? 5
6. What are the different types of files that are associated with TPS ? 5

GROUP - C**(Long Answer Type Questions)**Answer any *three* of the following.

3 × 15 = 45

7. What are intranet and extranet ? Provide some examples of WAP protocol suit. What is the relationship between E-commerce and networking ? Write down a short note on infrastructure requirement of E-commerce. 4 + 1 + 5 + 5
8. What is decision making ? How many types of decision making models are there ? Explain about these models in brief. Write down the characteristics of a decision. 2 + 2 + 6 + 5
9. Define closed and open system with suitable examples. What do you mean by SDLC ? Briefly discuss about various phases of life cycle. 5 + 2 + 8
10. a) Define artificial intelligence. 2
- b) What are the major application areas of artificial intelligence ? 4
- c) What is GDSS ? 3
- d) What are the three computer based supports available in GDSS ? 3
- e) Write down the advantages and disadvantages of expert system. 3



3 × 5 = 15

11. Write short notes on any *three* of the following :

- a) Data warehouse
- b) Cost benefit analysis
- c) CRM
- d) BPO
- e) Distributed data processing.

END