

16/10/19.



- NOTE:
1. All questions are compulsory
 2. Figures to the right indicate full marks
 3. Draw neat diagram whenever necessary

Q.1 [A] Choose correct alternative: (Any eight) (8)

1. Smart card usually contains and embedded _____.
(a) Sim (b) IC (c) Microprocessor (d) None of these
2. _____ function calculates the future value of an investment with variable interest rate.
(a) FV (b) NPV (c) PV (d) FVSCHEDULE
3. ECS has provided benefits to the banks, ultimate beneficiaries and _____.
(a) government (b) schools (c) User institutions (d) None of these
4. In _____ database model, each entity has only one parent but can have several children.
(a) Flat file (b) Network (c) Hierarchical (d) Relational
5. _____ is the fourth stage of SCM.
(a) Develop (b) Plan (c) Deliver (d) Return
6. _____ is a long term trading and involves retention of securities for longer periods of time.
(a) Day trading (b) Position trading (c) Both a and b (d) None of these
7. A _____ is an association between entities (tables).
(a) relationship (b) database (c) attribute (d) tuple
8. SCM stands for _____.
(a) State change management (b) Supply change management
(c) Supply chain management (d) Security change management
9. _____ function of MS Excel displays the current system time.
(a) Sys() (b) Time() (c) Today() (d) Now()
10. _____ can be added to pivot table that acts like a filter.
(a) Slicer (b) Value (c) Sort (d) Query

[B] State whether the following statements are True or False: (Any Seven) (7)

1. There are three variants of ECS: Credit, Debit and Cash.
2. There are four types of relationships in database.
3. E-banking reduces errors.
4. Credit card is like post paid service.
5. Use of ERP increases lead time.
6. A composite key is a super key that contains no extra attribute.
7. Manufacturing management is a part of ERP.
8. Data is plural of datum, which means a single piece of information.
9. PMT and PPMT functions are same.
10. Macros are short programs written to execute frequently used tasks.

Q.2 [A] Explain the following functions in spreadsheet with syntax and example. (15)

i) IF ii) NPER iii) CUMIPMT

OR

[B] Explain the following functions in spreadsheet with syntax and example. (15)

i) MIN ii) COUNT iii) RATE

Q.3 [A] Explain any eight data types in relational database. (8)

[B] List the tangible benefits of ERP. (7)

OR

[C] Explain Network database and relational database. (8)

[D] List any seven SFA's main services. (7)

Q.4 [A] Explain any eight online trading sites. (8)

[B] Explain CRM and SFA in detail. (7)

OR

[C] Explain any four types of Online Trading. (8)

[D] Discuss the advantages to banks and customers of ECS Debit. (7)

Q.5 [A] Write a note on: Macro (8)

[B] Define: E-Banking. List the advantages of it. (7)

OR

[C] Write short notes on: (Any three) (15)

1. Relative and absolute reference
2. Pivot chart
3. Smart Card
4. Tangible benefits of ERP
5. Relationships in database