



BRAINWARE UNIVERSITY

Term End Examination 2018 - 19

Programme – Bachelor of Computer Applications

Course Name – Business System Administration

Course Code – BCA104

(Semester – 1)

Time allotted:3 Hours

Full Marks : 70

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group –A

(Multiple Choice Type Question)

10 x 1 = 10

1. *Choose the correct alternative from the following*

(i) The flow of information through MIS is-----s

- a. need dependent
- b. organization dependent
- c. information dependent
- d. management dependent

(ii) The basic component(s) of DSS is (are)-----

- a. Database
- b. DSS software system
- c. All of the above.
- a. Model base

(iii) GDSS is the short form of-----

- a. Group Decision Support System
- b. Group Discussion Support System
- c. Group Decision Service System
- d. Group Discussion Support Source

(iv) The fourth level need in Maslow Need Hierarchy is

- a. Self-Esteem
- b. Self-Actualization
- c. Safely need
- d. None of the above.

- (v) Which of the following is not an extremely important characteristic of useful and effective information?
- | | |
|-----------------|---------------|
| a. Accuracy | b. Timeliness |
| c. Completeness | d. Economy. |
- (vi) Basic working conditions comes under ----- factor of motivation
- | | |
|-------------------------|-----------------------|
| a. Hygiene factor | b. Motivation factor |
| c. Any one of the above | d. None of the above. |
- (vii) Management is linked to information by-----
- | | |
|----------------------|-----------------------|
| a. Decision | b. Data |
| c. Both of the above | d. None of the above. |
- (viii) MBO term coined by-----
- | | |
|---------------|-----------------------|
| a. Tenneco | b. Koontz |
| c. O' Donnell | d. None of the above. |
- (ix) Who play an important role in the success of products and services and in increasing the market share of the firm in business?
- | | |
|----------------------------|----------------------------|
| a. Corporate level manager | b. Strategic level manager |
| c. Business level manager | d. Any one of the above. |
- (x) An MIS that supports the planning and assessment needs of executive management is -

- | | |
|--------|-----------------------|
| a. DSS | b. MIS |
| c. TPS | d. None of the above. |

Group – B

(Short Answer Type Questions)

3 x5 = 15

Answer any *three* from the following

- | | |
|---|---|
| 2. What is behavioral theory of leadership? | 5 |
| 3. What are the differences between Maslow and Herzberg theory of motivation? | 5 |
| 4. What is system software? Explain with example. | 5 |
| 5. What are essential functions of management? | 5 |
| 6. What are the characteristics of Theory X? | 5 |

Group – C

(Long Answer Type Questions)

3x 15 = 45

Answer any *three* from the following

- | | | | |
|-----|-----|---|---|
| 7. | (a) | Write Down the difference between Deterministic and Probabilistic system. | 6 |
| | (b) | What MIS is called an Open System? Give example. | 6 |
| | (c) | What is ESS? | 3 |
| 8. | (a) | What is spiral model? | 7 |
| | (b) | What are the advantages and disadvantages of iterative Waterfall model? | 8 |
| 9. | (a) | What is SDLC? | 3 |
| | (b) | What are the different phases of SDLC? | 6 |
| | (c) | What are the necessities of requirement analysis? | 6 |
| 10. | (a) | What are the different types of information? | 8 |
| | (b) | Describe different types of decisions with example. | 7 |
| 11. | (a) | What are the characteristics of a good plan? | 5 |
| | (b) | How many types of planning are possible? | 2 |
| | (c) | Describe each type of planning with example. | 8 |
