

MAY 2016

P/ID 40402/PISB

Time : Three hours

Maximum : 100 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions each in 50 words.

1. Distinguish fraud in the electronic world from traditional fraud?
2. Indicate the use of red flags?
3. State the functional casual model for management fraud?
4. Point out the reasons for the increase in fraud incidents in the banking industry?
5. What are Duplicate invoices? What type of fraud is it?
6. State Benford's Law in the context of fraud detection?
7. How does sequencing helps in identifying anomalies?
8. Find out and define the analysis technique that utilizes past trends to determine if current values are worth further investigation?
9. What is the role of outliers in fraud detection?
10. List the factors upon which the success of the Review results stage of the fraud analysis model is dependent?

PART B — (5 × 6 = 30 marks)

Answer ALL the questions each in 250 words.

11. (a) Mention the three key factors that drives a person to commit fraud? Elaborate about the same in detail? (6)

Or

- (b) Define the term 'Cyber Squatting'. What kinds of protection is available to the consumers in the Cyber World against it? (6)

12. (a) Prescribe plans to fight and combat ourselves from becoming a victim of Cyber Crimes? (6)

Or

- (b) Recommend few anti-skimming solutions that can help prevent skimming attacks and fight against ATM fraud? (6)

13. (a) Characterize a Fraudulent behaviour and specify its types. Mention the most common motives of a fraudulent activity? (6)

Or

- (b) Write notes on the various categories of Telecom fraud with suitable example. (6)

14. (a) Illustrate in detail the two Primary measures that are used for determining the Strength of the relationship between two variables in Correlation Analysis? (6)

Or

- (b) How will you identify the Potentially fraudulent transactions occurring within an organization using Ratio analysis? (6)
15. (a) Give a detailed account on the concept of Vagueness in the detection of fraud or a fraudulent activity? (6)

Or

- (b) Explain in detail the digit analysis technique in the detection of fraud? (6)

PART C — (5 × 10 = 50 marks)

Answer ALL the questions each in 500 words.

16. (a) Characterize a fraudulent activity and state when an act is considered fraudulent and when it is considered unethical? (10)

Or

- (b) Justify with a case scenario, what according to you are the top three cybercrime offenses that our country suffers from most? (10)

17. (a) Write notes on the impact of Credit Card frauds on : (10)

- (i) Cardholders
(ii) Merchants and
(iii) Banks.

Or

- (b) Specify the major characteristics that represent an internal fraud? How is it different from external fraud? (10)

18. (a) Illustrate with neat graphs how a fraud can be detected through regression analysis? (10)

Or

- (b) Identify the statistical analysis technique in fraud detection systems which examines frequency distributions and write the measures of this technique? (10)

19. (a) Elucidate how signatures can be used to detect the varying patterns of fraudulent activity? Mention the methods involved in it? (10)

Or

- (b) Summarize the key issues that are encountered when using Data Mining Techniques in the detection of fraudulent activity? (10)

20. (a) According to you, are we aware of all the fraud risks we are exposed to and do we have sufficient and efficient Fraud Detection Tools? Justify your answer. (10)

Or

- (b) Specify the need for a Fraud Analysis Model? Elucidate the different stages involved in building a Fraud Analysis Model. (10)