

CAIIB ABM Practice Questions (Set-2)

- Q1.** A firm's balance sheet reflects total assets of Rs 75 lacs, with long-term assets amounting to Rs 50 lacs. If the current ratio is 1.25:1, what is the amount of current liabilities? (The answer will be in figure)
- Q2.** Which one of the following are not the benefits of using simple random sampling?
- (i) We can calculate the accuracy of the results
 - (ii) The results are always representative
 - (iii) Interviewers can choose respondents freely
- (a) Only (i) and (ii)
(b) Only (i)
(c) Only (ii)
(d) (i) and (iii)
- Q3.** The working capital of a firm is Rs 100 lacs. If the current ratio is 1.25:1, what is the amount of current liabilities? The answer will be in figure
- Q4.** Which of the following is the responsibility of HR?
- (a) Managing the firm's marketing strategy, product quality, and customer network.
 - (b) The firm's long-term plans for future growth, including, placing employees, performance and productivity.
 - (c) Allocating resources on supervising production lines, managing supply chain logistics, and implementing new technologies within the company.
 - (d) Managers are primarily responsible for conducting internal audits, managing advertising strategy, and overseeing the financial budgeting process.
- Q5.** Read the following statement and answer the question. "Scatter plot is a graphical representation of the relationship between two variables." The concept of
- 1. The Dependent variable is on the Y-axis while the Independent Variable is on the X-axis.
 - 2. When it is possible to draw a line to fit the data, the relationship between the variables is linear.
 - 3. When it is possible to draw a curve but not the line to fit the data, the relationship between variables is curvilinear.
- (a) 1 only
(b) 2 only
(c) 3 only
(d) All of the above

Q6. In the context of job analysis, which of the following sources of data/information are considered vital?

- (a) Feedback from job holders, direct supervisors, and customers, as well as insights from job analysts, are essential sources for gathering information for job analysis.
- (b) Information for job analysis is primarily gathered from industry reports, competitor analysis, and financial performance metrics of the organization.
- (c) Data collection for job analysis typically involves public records, government publications, and historical data archives of the company.
- (d) The main sources of information for job analysis are internal audits, employee satisfaction surveys, and annual business reviews.

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- (a) Designing and sharing jobs
- (b) Creating jobs
- (c) Getting jobs
- (d) All of the above

Q12. Find t

X	1	2	3	4
F	5	4	9	16

Q13. A company has the following financial figures from its balance sheet:

- Capital: Rs 20 lakh
 - Reserve: Rs 6 lakh
 - Unsecured Loan: Rs 7 lakh
 - Current Assets: Rs 25 lakh
 - Intangible Assets: Rs 3 lakh
- What will be its net worth?

Q14. Which statement best reflects the components and purpose of 'Learning and Development'?

- (a) 'Learning and Development' primarily focuses on improving interpersonal relationships among employees, enhancing office decorum, and fostering a positive work culture.
- (b) This process is aimed at the systematic enhancement of employees' skills, knowledge, and competencies to foster better performance in their current job roles.
- (c) 'Learning and Development' is concerned with increasing sales, improving customer service ratings, and reducing operational costs within an organization.
- (d) The focus of this process is on restructuring organizational hierarchy, optimizing workflow processes, and implementing new software systems.

Q15. Match

FORECASTING TECHNIQUES	MEANING
1. Auto-Regressive Models	A. Describe time series in terms of two polynomials. In this model, the impact of previous lags and the residuals are considered to forecast the future values of the time series.
2. Moving-Average Models	B. We forecast the variable of interest using a linear combination of past values of the variable. The term mentioned in this model indicates that it is a regression of the variable against itself.
3. Autoregressive Moving Average Model	C. It is a common approach for modeling univariate time series. It involves modeling the error term as a linear combination of error terms occurring contemporaneously and at various times in the past.

- (a) 1-C, 2-B, 3-A
- (b) 1-A, 2-B, 3-C
- (c) 1-B, 2-C, 3-A
- (d) 1-B, 2-A, 3-C

Q16. What does the Free Form Essay Method of appraisal involve?

- (a) Using a checklist of predefined criteria to score an employee's performance, which promotes consistency and fairness in evaluations across different employees.
- (b) Asking employees to evaluate their own performance and set future goals, which is then reviewed and discussed with their manager to ensure alignment.

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- (c) Writing an open-ended, narrative appraisal about an employee's performance, focusing on their job knowledge, attitudes, and development needs without using a strict format.
 - (d) Implementing a series of tests and practical tasks for the employee to complete, measuring their skills and competencies directly against job requirements.

Q17. Which of the following statements best describes how organizational factors influence individual behavior in the workplace?

- (a) Individual behavior in an organization is solely determined by personal characteristics and has no correlation with organizational structure or culture.
- (b) Organizational factors such as the structure of the organization, availability of physical facilities, reward systems, personnel policies, and organizational culture significantly impact individual behavior.
- (c) The behavior of individuals in an organization is primarily influenced by external factors such as market conditions and industry trends.
- (d) The behavior of individuals in an organization is primarily influenced by competition and market dynamics.

Q18. According to Maslow's hierarchy of needs, which of the following represents the five basic human needs in the most fundamental order?

- (a) Self-actualization Needs, Self-esteem Needs, Social Needs, Physiological Needs, Safety Needs
- (b) Safety Needs, Physiological Needs, Self-esteem Needs, Self-actualization Needs, Social Needs
- (c) Physiological Needs, Social Needs, Self-esteem Needs, Self-actualization Needs, Safety Needs
- (d) Self-actualization Needs, Self-esteem Needs, Social Needs, Safety Needs, Physiological Needs

Q19. Which of the following statements is correct?
Statement 1: The Hawthorne effect is a change in behavior that occurs when individuals are being observed.
Statement 2: The Hawthorne effect is a change in behavior that occurs when individuals are being rewarded.

- (a) Statement 1 is correct, and Statement 2 is incorrect.
- (b) Statement 1 is incorrect, and Statement 2 is correct.
- (c) Both statements are correct.
- (d) Both statements are incorrect.

Q20. Which of the following is associated with the concept of reward?

- (a) Employee satisfaction with their job roles and responsibilities.
- (b) The availability of training programs within the organization.
- (c) Perceptions about the fairness of reward and punishment systems.
- (d) The frequency of team meetings held in the workplace.

Q21. What does the concept of approach-avoidance conflict refer to in psychology?

- (a) It is a scenario where an individual faces two or more goals, each with its own set of appealing and unappealing aspects, forcing the person to decide which goal to pursue and which to avoid.
- (b) A situation in which an individual feels equally compelled to engage in an activity and avoid it at the same time, because the activity presents both desirable and undesirable outcomes.
- (c) The psychological state of being motivated to join a group or participate in an activity because of its positive aspects, while simultaneously wanting to avoid it due to perceived negative consequences.
- (d) A condition where an individual is confronted with multiple avoidable tasks or goals, all of which are mutually exclusive.

Q22. In a sample of 100, the mean is 4.33, the standard deviation is 0.433, and the variance is 0.1875. What is the standard error of the mean?

Q23. Which of the following is not a characteristic of a good manager?

- (a) BARS (Behaviorally Anchored Rating Scales)
- (b) CARS (Critical Aspects of Rating Scales)
- (c) SARS (Subjective Aspects of Rating Scales)
- (d) MARS (Managerial Aspects of Rating Scales)

Q24. In the context of conflict resolution, which of the following is not a primary step?

- (a) The first step taken towards its resolution for legal or policy reasons.
- (b) The step where the conflicting parties adopt the manager's presence to solve the conflict, using authority to enforce compliance.
- (c) The step where a mutually accepted agreement is reached between the conflicting parties, one of the most common methods of conflict resolution in contracts.
- (d) The step where the conflict is resolved based on the manager's performance appraisals.

Q25. Given that the point estimate of the population variance is 0.00084 and the sum of squared deviation is 0.0042. Find the number of samples.

Q26. What is the primary function of HR databases within organizations?

- (a) To serve as a secure platform for online interviews and meetings, streamlining the recruitment and onboarding process for remote employees.
- (b) To track the productivity and performance metrics of employees in real-time, allowing managers to make immediate operational decisions.

- (c) To store personal and professional information about employees, assisting HR professionals in managing various tasks such as recording training details and handling recruitment processes.
- (d) To facilitate the direct transfer of salaries and bonuses to employee bank accounts, ensuring accurate and timely payment without the need for manual intervention.

Q27. What is the correct sequence of simulation methodology?

1. Specify the values of the parameter.
2. Propose a new experiment.
3. Construct a simulation model.
4. Define the problem.

5. Evaluate

- (a) 1, 2, 3, 4, 5
- (b) 2, 3, 4, 5, 1
- (c) 3, 4, 5, 1, 2
- (d) 4, 5, 1, 2, 3

Q28. In the context of linear programming, which of the following statements are true? (Select all that apply.)

- (a) The feasible region is always bounded.
- (b) The optimal solution is always at a vertex of the feasible region.
- (c) The objective function is always linear.
- (d) The problem may have no optimal solution.

Q29. Last year, a company conducted a study to determine the relationship between employee statistics and their performance. The study collected data on five employees, including their statistics and performance scores. The data is as follows:

Student	Score on Aptitude Test	Statistics Grade
1	95	85
2	85	95
3	80	70
4	70	65
5	60	70

- (a) $\hat{y} = 26.768 + 0.644x$
- (b) $\hat{y} = 25.768 + 0.644x$
- (c) $\hat{y} = 23.768 + 0.644x$
- (d) $\hat{y} = 24.768 + 0.644x$

Q30. How do HRMS, HRIS, and HCM differ in the context of human resources management?

- (a) HRMS focuses exclusively on the recruitment and onboarding process, while HRIS is concerned with employee performance management, and HCM provides a comprehensive suite covering all aspects of human capital management.

- (b) HRMS is a broader term that includes financial management tools alongside human resources functions, whereas HRIS and HCM are specialized tools focused solely on HR tasks and employee lifecycle management.
- (c) HRIS is a type of HRMS designed specifically for managing personal employee information and payroll, while HCM encompasses broader strategic HR functions including talent management and succession planning.
- (d) There is essentially no functional difference between HRMS, HRIS, and HCM; historically, HRMS referred to a more complete solution, but re-branding has made these terms generally indistinguishable.

Q31. Suppose we have two variables, X and Y, and when we plot their data pairs on a scatter diagram, we observe a positive linear relationship. Which of the following statements about the relationship is correct?

- (a) The correlation coefficient is negative.
- (b) The correlation coefficient is positive.
- (c) The correlation coefficient is zero.
- (d) The correlation coefficient is one.

Q32. How does the Reserve Bank of India (RBI) monitor the credit flow to commercial banks?

- (a) Banks are required to submit quarterly returns to the RBI, which are then analyzed to assess the credit flow to the priority sector.
- (b) The RBI uses a system of 'Returns' from banks, which are then reviewed by the RBI to monitor the credit flow to the priority sector.
- (c) RBI uses a self-monitoring system to track the credit flow to the priority sector, ensuring that commercial banks adhere to the stipulated minimum percentage of credit.
- (d) Banks are required to submit quarterly returns to the RBI, which are then analyzed to assess the credit flow to the priority sector, ensuring that commercial banks adhere to the stipulated minimum percentage of credit.

Q33. What are the requirements for the credit flow to the priority sector?

- (a) Banks are required to impose standard loan-related and ad-hoc service charges on all priority sector loans, regardless of the loan amount, to maintain a uniform policy across all sectors.
- (b) For priority sector loans up to ₹25,000, banks should not levy any loan-related or ad-hoc service charges/inspection charges. For loans to SHGs/JLGs, this exemption applies per member, not to the group as a whole.
- (c) Loan-related and ad-hoc service charges are waived for all priority sector loans without any limit on the loan amount, promoting greater accessibility to financial services for underprivileged sectors.
- (d) A nominal fee is mandated for priority sector loans exceeding ₹50,000 to cover the administrative costs involved in processing and inspecting these loans, with exceptions for non-profit organizations.

Q34. Find the Harmonic mean of two numbers a and b, if their Arithmetic mean is 17 and the Geometric mean is 9.

Q35. In the context of the Simplex Method for linear programming, what changes when solving minimization problems compared to maximization problems?

- (a) The steps are reversed: The entering variable is determined by the smallest positive number in the Z-row, and the variable to be replaced is chosen based on the largest positive ratio.
- (b) The steps are identical: The entering variable is determined by the largest negative number in the Z-row, and the variable to be replaced is chosen based on the smallest positive ratio.
- (c) The steps are reversed: The entering variable is determined by the largest positive number in the Z-row, and the variable to be replaced is chosen based on the largest positive ratio.
- (d) The steps are identical: The entering variable is determined by the smallest positive number in the Z-row, and the variable to be replaced is chosen based on the largest positive ratio.

Q36. What is the primary responsibility of the Internal Audit Function in a company?

- (a) To ensure the company's profitability and growth by identifying investment opportunities.
- (b) To ensure the company's financial statements are accurate and comply with accounting standards.
- (c) To ensure the company's internal controls are effective and efficient.
- (d) To ensure the company's ethical and corporate governance practices are sound and transparent.

Q37. XYZ Ltd. has a current ratio of 1.5. If the company's current assets are ₹ 60 lakh, what are its current liabilities?

Q38. Which of the following is not a type of short-term financial instrument?

- (a) Loans that need to be paid back whenever the lender asks for it back.
- (b) Money borrowed from family members or businesses that have a close relationship with the company.
- (c) Savings accounts where the company keeps its money for future use.
- (d) Deposits and other short-term financial help not covered in the other options.

Directions (39-43): A college senior is interested in determining the relationship between her GPA and her weekly hours of study for her prior 6 terms in college. The data on her GPAs and hours of study, in the form of (Hours of Study, GPA), are (2.8, 12), (3.0, 15), (3.0, 18), (3.1, 20), (3.5, 30), and (3.9, 42).

Q39. What is the sum of squares for Hours of Study?

Q40. What is the sum of squares for GPA?

Q41. What is the sum of squares for Hours times GPA?

Q42. What is the covariance between Hours of Study and GPA?

Q43. What is the correlation between Hours of Study and GPA?

Q44. What is the coefficient of determination?

- (a) The coefficient of determination is a statistical measure of the proportion of the variance in the dependent variable that is predictable from the independent variable(s), indicating the strength of the relationship.
- (b) The coefficient of determination is a statistical measure of the proportion of the variance in the dependent variable that is predictable from the independent variable(s), indicating the strength of the relationship.
- (c) The coefficient of determination is a statistical measure of the proportion of the variance in the dependent variable that is predictable from the independent variable(s), indicating the strength of the relationship.
- (d) The coefficient of determination is a statistical measure of the proportion of the variance in the dependent variable that is predictable from the independent variable(s), indicating the strength of the relationship.

Q45. Which of the following is an incorrect description?

- (a) In a moderately symmetrical distribution, the empirical relationship between Mean, Median, and Mode is: $\text{Mean} - \text{Mod} = 3(\text{Mean} - \text{Median})$
- (b) Coefficient of variance is an absolute measure of dispersion.
- (c) Measure of skewness indicates the direction and extent of skewness in the distribution of numerical values in the data set.
- (d) Kurtosis refers to the flatness or peakedness in the region around the mode of the frequency curve.

Q46. What is the objective of the linear programming model?

- (a) It involves restating values for the objective function and constraints.
- (b) It involves restating values for the objective function and constraints.
- (c) It is essential for determining the effects of inventory rules.
- (d) It is a guideline that guides the creation of models.

Q47. Why is estimating receivables/bills considered simpler than estimating inventory?

- (a) Because receivables/bills are fixed assets, and their values do not fluctuate over time, making them easier to quantify compared to the dynamic nature of inventory assets.
- (b) Estimating receivables/bills is governed by consistent market practices specific to a business or location, making it more straightforward than the complex processes involved in inventory valuation.

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- (c) The estimation of receivables/bills is directly related to sales volume, which is easier to predict with accuracy than the costs and quantities associated with inventory management.
- (d) Receivables/bills are not subject to depreciation or obsolescence like inventory, thus requiring less frequent assessment and simpler calculation methods.

Directions (48-52): Suppose we have the exam scores of 10 students in a class:

78,85,90,72,85,92,88,75,82,85.

Q48. What is the Mean of the original data?

- (a) 78.2
(b) 8
(c) 8
(d) 9

Q49. What is the

- (a) 7
(b) 8
(c) 8
(d) 8

Q50. What is the

- (a) 7
(b) 8
(c) 8
(d) 9

Q51. If the lowest score (72) is replaced by a score of 90, how does it affect the Mean, Median, and Mode?

- (a) Mean increases, Median increases, Mode remains the same
(b) Mean increases, Median remains the same, Mode remains the same
(c) Mean increases, Median remains the same, Mode increases
(d) Mean remains the same, Median remains the same, Mode remains the same

Q52. If a new student joins the class and scores 95 on the exam, what will be the effect on the mean, median, and mode?

- (a) Mean increases, Median increases, Mode remains the same
(b) Mean increases, Median remains the same, Mode remains the same
(c) Mean increases, Median remains the same, Mode increases
(d) Mean remains the same, Median remains the same, Mode remains the same

Q53. A company revalued its plant and machinery from Rs 30 lakh to Rs 80 lakh. Before this revaluation, the current ratio was 1.5:1, with current liabilities totaling Rs 120 lakh. What is the new current ratio?

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- (a) 1.17
 - (b) 1.50
 - (c) 1.33
 - (d) 1.90

Q54. Why are banks advised to limit the maturity of bank guarantees to not more than 10 years?

- (a) To avoid excessive risks associated with long-term market fluctuations, which can significantly impact the bank's financial stability and customer trust.
- (b) Because guarantees with a duration beyond 10 years can adversely affect a bank's Asset Liability Management by introducing potential long-term financial obligations that may not align with the bank's liquidity and risk management strategies.

- (c) To ensure the duration of financial guarantees matches the bank's long-term asset-liability management strategy.
- (d) To ensure the bank's long-term capital adequacy ratio remains stable, considering the long-term nature of lending and other financial obligations.

Q55. Which of the following is NOT a method to ensure the security of security possession?

- (a) The use of physical security measures such as locks and alarms to protect the physical possession of the security.
- (b) The use of legal processes in the event of a breach, such as the appointment of a receiver or the initiation of legal proceedings.
- (c) The use of digital security measures such as encryption and secure storage to protect the digital representation of the security.
- (d) The use of physical security measures such as locks and alarms to protect the physical possession of the security.

Q56. A firm

- (a) Holds a large amount of funds in very liquid assets
- (b) Minimizes the amount of funds held in very liquid assets
- (c) Finance fluctuating assets with long-term financing
- (d) Minimize the amount of funds held in very liquid assets

Q57. Fill in the Blanks: Differentiating Run Lengths:

- i. One strategy involves conducting simulations for a _____ period.
- ii. Alternatively, another approach is to extend the run length to gather a _____ sample size - a feasible option given the capacity to run models on computers.
- iii. A third method is to continue the simulation until reaching a state of equilibrium - simulated data aligns with _____ data. For instance, in scenarios, simulated demand conforms to its _____ frequencies.

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- (a) Designated, substantial, historical, prevalent
 - (b) Substantial, designated, historical, prevalent
 - (c) Designated, substantial, historical, historical
 - (d) Historical, substantial, historical, prevalent

Q58. What is the characteristic feature of Fixed Cost in production?

- (a) It varies directly with the level of production, increasing as production increases and decreasing as production decreases, to efficiently allocate resources per unit of output.
- (b) Fixed Cost remains unchanged regardless of the level of production, from zero to full capacity utilization, making it difficult to allocate on a per-unit basis. Examples include depreciation.
- (c) It is the sum of all costs that fluctuate with sales volume, such as materials and labor, ensuring
- (d) Fixed Cost remains unchanged regardless of the level of production, from zero to full capacity utilization, making it difficult to allocate on a per-unit basis. Examples include depreciation.

Q59. Why is the Coverage Ratio a key indicator of Credit Risk?

- (a) The Coverage Ratio measures the borrower's ability to service the loan based on the current market value of the collateral, ensuring the lender's security.
- (b) Borrowers with a high Coverage Ratio are considered less risky, thus leading to better loan terms and interest rates.
- (c) The Coverage Ratio is calculated as the ratio of the borrower's net worth to the loan amount, ensuring the lender's security.
- (d) The Coverage Ratio is calculated as the ratio of the borrower's net worth to the loan amount, ensuring the lender's security.

Q60. What is the recommended practice for participating lenders regarding the appraisal of loan proposals?

- (a) Lenders should prioritize loan proposals based on the borrower's credit score, ensuring that the borrower has a good credit history.
- (b) Lenders should prioritize loan proposals based on the borrower's credit score, ensuring that the borrower has a good credit history.
- (c) It is suggested that lenders outsource the appraisal process to external agencies to expedite decision-making and increase the efficiency of loan processing.
- (d) Participating lenders should only consider proposals that come with complete security upfront, to reduce appraisal time and hasten the decision-making process.

Q61. What is cluster sampling?

- (a) Selecting individuals from the population who share similar characteristics.
- (b) Dividing the population into homogeneous groups and randomly selecting entire groups to be part of the sample.
- (c) Choosing individuals who are conveniently available for the study.
- (d) Sampling individuals based on their availability at a specific time.

Directions (62-65): A large private bank is in the process of selecting a new Chief Compliance Officer (CCO). The Board has constituted a senior executive-level selection committee to oversee this process. After thorough evaluations, the committee has recommended three top candidates based on merit. Now, the Board must decide whom to appoint. Additionally, the bank's MD & CEO has prepared the required 'fit and proper' certification for the final candidate, and they are ready to inform the Department of Supervision at the RBI about the prospective appointment and provide a detailed rationale for their choice, in compliance with supervisory requirements.

Q62. What could be a potential reason for the RBI to reject the appointment of a candidate as CCO?

- (a) The candidate's lack of relevant experience in the financial sector.
- (b) The candidate's failure to meet the RBI's minimum educational requirements.
- (c) The candidate's lack of a valid passport, which is a mandatory requirement for RBI appointments.
- (d) The candidate's failure to provide a detailed rationale for their choice.

Q63. Which of the following is a mandatory requirement for the RBI to approve the appointment, as per the RBI's guidelines?

- (a) A detailed report from the selection committee, which must be submitted to the RBI.
- (b) A detailed report by the MD & CEO, which must be submitted to the RBI.
- (c) A detailed report from the RBI, which must be submitted to the selection committee.
- (d) A detailed report from the RBI, which must be submitted to the MD & CEO.

Q64. What could be a potential reason for the RBI to reject the appointment of a candidate as CCO, if the bank fails to provide a detailed rationale for their choice?

- (a) Inadequate information provided by the bank to the RBI.
- (b) A detailed report from the selection committee, which must be submitted to the RBI.
- (c) A detailed report by the MD & CEO, which must be submitted to the RBI.
- (d) A compulsory freeze on an upper management hiring for a six-month period.

Q65. In the event of a discrepancy between the selection committee's recommendation and the Board's final decision, what is the most likely protocol for the bank to follow before the appointment of a CCO?

- (a) Re-convene the selection committee to reassess the candidates' rankings.
- (b) Seek additional external legal advice to validate the Board's decision.
- (c) Prepare a detailed report comparing the top candidates for a reassessment by the Board.
- (d) Submit both the committee's recommendation and the Board's final choice to the RBI for approval.

Q66. According to the RBI, fraud encompasses all instances wherein banks have been put to loss through:

- (a) Poor financial performance of borrowers
- (b) Mismanagement of bank funds by its employees
- (c) Deliberate deception to secure unfair or unlawful gain
- (d) External economic factors affecting borrowers

Q67. Which of the following statements is NOT true regarding the significance of analyzing financial statements and auditors' reports in the context of renewing working capital limits?

- (a) The business, especially in the case of a new business, is not known.
- (b) It helps in understanding how funds are being utilized.
- (c) The business's financial statements provide a clear picture of working capital requirements.
- (d) Understanding the business's financial statements helps in assessing its profitability and liquidity.

Q68. What is the purpose of the 'Adda247' logo?

- (a) To provide educational content
- (b) To provide financial services
- (c) To provide entertainment content
- (d) To provide news and information

Q69. Which of the following is not a method of detecting fraud in a stock statement?

- (a) Scrutinizing the balance sheet
- (b) Inspecting the cash flow statement
- (c) Analyzing the income statement
- (d) Cross-checking from the balance sheet figure

Q70. What are market risks in the context of financial management?

- (a) Risks associated with the failure of internal processes, people, and systems within a financial institution, leading to unexpected financial losses.
- (b) The uncertainty in financial markets due to changes in commodity prices, which primarily affects companies involved in the trading of physical goods.
- (c) Risks stemming from adverse movements in market variables such as interest rates and exchange rates, which are beyond the control of an individual or institution.
- (d) The risk that a borrower will default on a loan due to economic downturns, affecting the lender's ability to recover the loaned amount and associated interest.

Q71. Which of the following statements is NOT true regarding the practice of reporting wilful defaulters to Credit Information Companies by banks and financial institutions?

- (a) Reporting wilful defaulters helps in improving the accuracy and effectiveness of credit scoring models, enabling credit information companies to offer more reliable credit scores.
- (b) The primary aim of reporting wilful defaulters is to facilitate legal action against them by providing a comprehensive database to law enforcement agencies.
- (c) The process of reporting wilful defaulters to Credit Information Companies is intended to enhance transparency and risk assessment in the financial system.
- (d) Sharing information about wilful defaulters allows banks and financial institutions to make informed lending decisions and manage credit risk more effectively.

Q72. Which

- (a) S
- (b) S
- (c) S
- (d) S

Q73. Within the resolution process, after being appointed as a case officer, the resolution officer

- (a) T
- (b) T
- (c) T
- (d) T

Q74. Under the circumstances is a transaction examined as 'extortionate' according to the avoidance provisions in the Code

- (a) W
- (b) W
- (c) W
- (d) W

Q75. What is the requirement for banks and financial institutions (FIs) in terms of reporting information on non-cooperative borrowers?

- (a) They must report information on non-cooperative borrowers to CRILC annually, providing a comprehensive yearly overview of all such accounts.
- (b) Banks/FIs are required to report detailed financial transactions of non-cooperative borrowers to CRILC on a daily basis for constant monitoring.

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- (c) They are required to report information on non-cooperative borrowers to CRILC within 21 days from the end of the relevant financial year.
 - (d) Banks/FIs must report information on non-cooperative borrowers to CRILC within 21 days from the close of the relevant quarter, ensuring timely updates.

Q76. Which of the following statements best describes the principle behind random sampling?

- (a) "The larger the sample size, the more accurate the results."
- (b) "Every individual in the population has an equal chance of being selected."
- (c) "Only individuals who meet specific criteria are included in the sample."
- (d) "Researchers select individuals based on their judgment."

Q77. What

- (a) T
- (b) T
- (c) T
- (d) T

Q78. Which

- (a) In
- (b) In
- (c) In
- (d) In

Q79. What

- (a) L
- (b) T
- (c) L
- (d) They function as training and awareness camps where clients of banks and financial institutions are educated about their rights and responsibilities to prevent future disputes.

Q80. In the context of the Committee of Creditors' operations, what percentage of votes by value is necessary for a decision on critical matters to be approved?

- (a) A majority of 33% by value is sufficient for the approval of critical matters.
- (b) Decisions regarding routine matters require a 51% majority by value.
- (c) Critical matters require a majority of 66% by value for approval.
- (d) A 90% majority by value is necessary for the withdrawal of an Application for Resolution under section 12A.

Q81. What is a characteristic of a well-designed questionnaire?

- (a) Lengthiness to cover all possible aspects of the research topic.
- (b) Inclusion of leading questions to guide respondents towards desired answers.
- (c) Clear and concise wording to avoid confusion and misinterpretation.
- (d) Limitation to closed-ended questions to simplify data analysis.

Q82. What condition must be met for a Resolution Plan (RP) that does not involve restructuring or change in ownership to be considered successfully implemented?

- (a) The borrower must demonstrate a continuous improvement in financial performance for 180 days prior to the date of the RFA, as evidenced by a change in one or more of the following:
- (b) A decrease in the borrower's debt to capitalization ratio at the start of the RFA period compared to the ratio at the end of the RFA period.
- (c) The borrower's net income for the RFA period compared to the net income for the period immediately preceding the RFA period.
- (d) A decrease in the borrower's assets to liabilities ratio at the end of the 180-day period compared to the ratio at the beginning of the 180-day period, indicating an improvement in the borrower's financial position during the RFA period.

Q83. What does the following system statement mean?

- (a) It is known that the population is always normally distributed. The sample size is small ($n < 30$). Therefore, the distribution of sample means will also be normal.
- (b) It is known that the population is always normally distributed. The sample size is large ($n \geq 30$). Therefore, the distribution of sample means will also be normal.
- (c) It is known that the population is always normally distributed. The sample size is small ($n < 30$). Therefore, the distribution of sample means will approach a normal distribution as the sample size increases.
- (d) It is known that the standard deviation of the population is always equal to the standard deviation of the sample.

Directions _____ of Rs. 180,
Advance from _____ of Rs. 400,
Fixed Assets _____ ss account
balance Rs. 50, advance tax paid Rs. 20, cash on hand Rs. 20, stock Rs. 100 and sundry creditors
Rs. 300. based on the above information:

Q84. Calculate the Tangible Net worth of the firm.

Q85. In the above problem, the current ratio would be

- (a) 1.25:1
(b) 1.28:1
(c) 1.33:1
(d) 1.37:1

Q86. In the above problem, the total outside liabilities to tangible net worth.....

- (a) 1:1
- (b) 1.8:1
- (c) 2.1:1
- (d) 2.25:1

Q87. If the sales are Rs. 2000, stock turnover Ratio is

- (a) 5 times
- (b) 6 times
- (c) 3 times
- (d) 2

Q88. If the sales are Rs. 2000, the stock turnover Ratio should be:

- (a) 1
- (b) 1
- (c) 1
- (d) 2

Q89. A small business has a turnover of Rs. 10 lakh. What should be the stock turnover Ratio?

- (a) R
- (b) R
- (c) R
- (d) R

Q90. What is the form of GRC framework?

- (a) Governance, Regulations, Compliance
- (b) Governance, Regulations, Control, Risk, Transparency
- (c) Governance, Regulations, Control, Risk, Transparency
- (d) Governance, Regulations, Control, Risk, Transparency

Q91. Find

Deviation from the data: 12, 20, 39, 46, 54, 61, 78, 90.

- (a) MD= 20.75, Coefficient of MD= 0.415
- (b) MD= 21, Coefficient of MD= 1
- (c) MD= 21.75, Coefficient of MD= 0.5
- (d) MD= 22, Coefficient of MD= 1.5

Q92. If the mode of the data is 24.5, what is the missing frequency?

CI	0-10	10-20	20-30	30-40	40-50
F	4	8	10	x	8

Q93. Which among the following is/are true about the coefficient of correlation?

1. When two variables have a perfect curvilinear relationship, say all points in the scatter diagram are on a circle, the correlation coefficient will be one.
 2. If the sample chosen is heterogeneous, it may give rise to a higher correlation coefficient value, even when no correlation exists.
 3. It does not indicate any cause-effect relationship between the two.
- (a) (2) and (3)
(b) (1) only
(c) (3) only
(d) None

Q94. A random sample of 100 students from a college has a mean GPA of 2.71 with a sample standard deviation of 0.45. The mean GPA of all students in the college is 2.71. What is the probability that the sample mean GPA of all students in the college is greater than 2.71?

- (a) 2.71
(b) 2.71
(c) 2.71
(d) None

Q95. Calculate the coefficient of Y on X from the following data. Also estimate the demand from a price of 10.

Price	10	12	13	12	16	15
Amount demanded	40	38	43	45	37	43

Q96. Read the following statements carefully and choose the correct option.

- Statement 1: The coefficient of correlation is always between -1 and +1.
Statement 2: The coefficient of correlation is always between -1 and +1.
- (a) Statement 1 is correct, and statement 2 is incorrect
(b) Statement 1 is incorrect, and statement 2 is correct
(c) Both the Statements are correct
(d) Both the Statements are incorrect

Q97. A card is drawn at random from a well-shuffled pack of cards. What is the probability that it is either a spade or a king?

- (a) $\frac{13}{52}$
(b) $\frac{4}{52}$
(c) $\frac{4}{13}$
(d) $\frac{2}{13}$

Q98. When the value of the _____ variable is zero, the corresponding resource is called scarce.

- (a) Surplus
- (b) Decision
- (c) Slack
- (d) Objective

Q99. Read the following statements carefully and choose the correct ones about the concept of “Skewness”?

- 1. Skewness is the degree of distortion from the symmetrical bell curve or the normal distribution.
 - 2. It is a measure of the asymmetry of the probability distribution of a continuous variable.
 - 3. The skewness of a distribution is a measure of the degree to which it is skewed from the normal distribution.
 - 4. If the skewness is positive, the distribution is longer on the right side.
 - 5. If the skewness is negative, the distribution is longer on the left side.
 - 6. If the skewness is zero, the distribution is symmetrical.
 - 7. In a normal distribution, the skewness is zero.
- (a) (2) and (3) are correct
 - (b) (1) and (4) are correct
 - (c) (1) and (5) are correct
 - (d) All are correct

Q100. Which of the following statements is correct regarding the historical perspective of management?

- (a) Robert Owen believed that the main responsibility of a manager was to maintain the mechanical efficiency of workplace machinery to ensure productivity.
- (b) Charles Babbage believed that the main responsibility of a manager was to improve the efficiency of the workplace.
- (c) Robert Owen believed that the main responsibility of a manager was to improve the conditions of workers.
- (d) Unlike Charles Babbage, Robert Owen was indifferent to the conditions of workers and focused solely on the financial aspects of management.

Solutions

S1. Ans.(2000000)

Sol. Total Assets - Long-term Assets = Current Assets

Current Assets = 75 - 50 = 25 lacs

Current Ratio = Current Assets / Current Liabilities

1.25:1 = 25 / Current Liabilities

Current Liabilities = 25 / 1.25 = 20 lacs

S2. Ans.(c)

Sol. Or

- (i) **W** ple random
 sa intervals and
 m
- (ii) **T** ple random
 sa ive samples
 p for popul
- (iii) **I** ents fre
 ra ext of simple
 a method, pa
 a random, not

S3. Ans.(3)

Sol. Cu

Current

Current

Working

= 20 - 8

= 12 lacs

Total R

= 12 ×

Net Pro

= (6/1

S4. Ans.(b)

Sol. Managerial role: This relates to performing managerial functions like planning future manpower, recruiting, utilising by placement, retaining, motivating-integrating people and their role, performance and potential assessment, planning the growth of individuals, etc.

S5. Ans.(d)

Sol. The dependent variable is on the Y-axis while the Independent Variable is on the X-axis: This is the standard convention for representing a scatter diagram. The Y-axis represents the dependent variable, which is the variable we are trying to predict or explain, and the X-axis represents the independent variable, which is the variable we use to make predictions or explanations.

A scatter diagram shows the relationship between two variables, and when the data points are roughly aligned along a straight line, it indicates a linear relationship between the variables.

If the data points form a curved pattern on the scatter diagram, it indicates a curvilinear relationship between the variables. In such cases, a line may not be the best fit for the data.

S6. Ans.(a)

Sol. The correct answer is (a) because it directly focuses on obtaining firsthand insights from those who perform, supervise, or are affected by the job. This approach ensures a thorough understanding of the actual job duties and requirements, which is essential for effective job analysis.

S7. Ans.(1)

Sol. Gr
Gross v

S8. Ans.(9)

Sol. W
WC Ga

S9. Ans.(2)

Sol. Cu
2nd me
=11.7
=2.925

S10. Ans.(6)

Sol. M
= 9.90

S11. Ans.(a)

Sol. Eng
so that the people and things interact most efficiently and safely.

S12. Ans.(2<3)

Sol.

$$\text{H.M.} = \frac{n}{\sum_{i=1}^n \frac{f_i}{x_i}}$$

$$= 34/14$$

$$= 2.428$$

S13. Ans.(23)

Sol. Net Worth = Capital + Reserves – Intangible Assets

$$= 20 + 6 - 3$$

= Rs 23 lakh

S14. Ans.(b)

Sol. This process is aimed at the systematic enhancement of employees' skills, knowledge, and competencies to foster better performance in their current job roles.

S15. Ans.(c)

Sol. Au ...g past values
of the s ...gressing the
variabl

Moving time series data. It can be caused by errors that arise both sides in the

Autoregressive model: Expresses the relationship between variables sequentially. In this model, the model predicts the value of a variable at time t based on its previous values and the values of other variables at time $t-1$. It is used to account for temporal dependencies in time series data.

S16. Ans.(c)

Adda247

S17. Ans.(b)

Sol. Option (b) accurately reflects the influence of organizational factors on individual behavior in the workplace, as described in the text. It highlights key factors such as organizational structure, physical facilities, reward systems, personnel policies, and culture, as well as the impact of leadership quality.

S18. Ans.(c)

Sol. Option (c) presents the correct order of Abraham Maslow's hierarchy of needs, starting with the most fundamental physiological needs, followed by safety/security needs, social needs, self-

S24. Ans.(c)

Sol. The primary goal of the final agreement step in the conflict resolution process is to achieve a mutually accepted agreement between the conflicting parties. This step focuses on consensus-building around one of the alternatives identified in the previous step of the resolution process. The aim is to ensure that both parties are satisfied with the outcome and agree to the terms of the resolution. To formalize this agreement, some managers might choose to draft a contract outlining the specific actions to be taken and the timelines for these actions. However, it might also be sufficient to simply meet with the individuals involved and communicate the agreed-upon solution in a polite and clear manner. This step is crucial for ensuring that the resolution is not only agreed upon but also actionable and time-bound, thereby minimizing the chances of future conflicts arising.

S25. Ans.(6)

Sol.

The formula for the point estimator of the population variance is:

$$s^2 = \frac{\sum (x - \bar{x})^2}{n - 1}$$

$$0.00084 = 0.0042 / n - 1$$

$$n - 1 = 0.0042 / 0.00084$$

$$n - 1 = 420 / 84$$

$$n - 1 = 5$$

$$n = 6$$

S26. Ans.(c)

Sol. HRIS are centralized systems used by HR professionals to store and manage extensive personnel and professional information of employees. The critical functions of HRIS include handling various HR tasks such as recruitment, employee training, performance management, streamlining recruitment processes, managing employee data, tracking employee performance, enhancing employee engagement, and improving the organization's overall efficiency.

S27. Ans.(d)

Sol. The sequence of Simulation Methodology is:

Define the problem: This is the starting point where you establish what you want to achieve with the simulation.

Construct a simulation model: Once the problem is defined, you create a model that simulates the system or process you're studying.

Specify the values of the parameter: After building the model, you input the necessary variables and parameters.

Evaluate results: You analyze the simulation results to draw conclusions and make decisions.

Propose a new experiment: This step involves running simulations and proposing scenarios to study the system's behavior.

S28. Ans.(b)

Sol. When there are no negative numbers in the Z-row of the tableau in the Simplex Method, it indicates that the current solution is the optimal solution to the linear programming problem. The objective function cannot be further improved, and the values of the decision variables in the current solution provide the best possible outcome according to the given constraints and objective function. This condition is a termination criterion for the Simplex Method, indicating that the op

S29. Ans.(a)

Sol.

Student	X	Y	(x-x̄)	(y-ȳ)	(x-x̄) ²	(y-ȳ) ²	(x-x̄)(y-ȳ)
1	95	85	17	8	289	64	136
2	85	95	7	18	49	324	126
3	80	70	2	-7	4	49	-14
4	70	65	-8	-12	64	144	96
5	60	70	-18	-7	324	49	126
Sum	390	385			730	630	470
Mean	78	77					

$$b_1 = \frac{\sum [(x_i - \bar{x})(y_i - \bar{y})]}{\sum [(x_i - \bar{x})^2]}$$

$$b_1 = 470/730$$

$$b_1 = 0.644$$

$$b_0 = \bar{y} - b_1 * \bar{x}$$

$$b_0 = 77 - (0.644)(78)$$

$$b_0 = 26.768$$

Therefore, the regression equation is: $\hat{y} = 26.768 + 0.644x$

S30. Ans.(d)

Sol. HRMS (Human Resource Management System), HRIS (Human Resource Information System), and HCM (Human Capital Management) are terms often used interchangeably in the context of human resources management software. Despite historical distinctions where HRMS was considered a more comprehensive solution, encompassing a wider array of HR functionalities compared to HRIS and even HCM, modern re-branding efforts by many software providers have blurred these lines. Today, there is no significant functional difference between systems offered

S35. Ans.(b)

Sol. When solving minimization problems using the Simplex Method, the steps remain the same as for maximization problems. Therefore, the entering variable is determined by selecting the variable associated with the largest positive value in the Z-row, just as in maximization problems. Similarly, the variable to be replaced is decided by choosing the smallest positive ratio, as before. This ensures that the steps for selecting variables and performing the pivot operation are consistent regardless of whether the objective is to maximize or minimize.

S36. Ans.(b)

Sol. The Auditor's Report serves as a formal opinion or declaration by the auditor regarding the accuracy of the financial statements of Companies (Auditors' Report) Order, 2003. The format that includes the auditor's opinion on the company must also include the auditor's opinion on the company's market position and its financial position. Instead, it focuses on the company's financial position and financial performance. This helps ensure that the company's financial position is accurate and reliable. This helps ensure that the company's financial position is accurate and reliable. This helps ensure that the company's financial position is accurate and reliable.

S37. Ans.(2)

Sol.

Let Current Liabilities = X

1. Using the Current Ratio:

$$\text{Current Assets} = 4X$$

2. Using the Quick Ratio:

$$\text{Quick Assets} = 2.5X$$

3. Given:

$$\text{Inventories} = \text{Current Assets} - \text{Quick Assets}$$

$$30,000 = 4X - 2.5X$$

$$30,000 = 1.5X$$

4. Solving for X (Current Liabilities):

$$X = \frac{30,000}{1.5} = 20,000$$

Thus, Current Liabilities = Rs. 20,000.

S38. Ans.(c)

Sol. The option that is NOT a type of short-term borrowing is C, a savings account where the company keeps its money for future use. Short-term borrowings are about the money a company needs to pay back soon, like loans that can be asked for back at any time, money borrowed from

S47. Ans.(b)

Sol. The process of estimating receivables/bills is simpler primarily because it follows established market practices unique to each business or locality. Unlike inventory, which demands a detailed analysis of stock levels, price changes, and potential obsolescence, receivables/bills estimation relies on a more consistent framework. This predictability and uniformity in approach reduce complexity, making it a more straightforward task compared to the multifaceted nature of inventory management.

S48. Ans.(b)

Sol. The
dividing
Mean =
= 832/
= 83.2

S49. Ans.(c)

Sol. To find the median of the scores, we first need to arrange the scores in ascending order.
72, 75, 78, 82, 85, 88, 90, 92, 90, 85, 78, 85, 92, 88, 75, 82, 85
Since there are 16 observations, the median is the average of the 8th and 9th observations.
The median = $\frac{85 + 90}{2} = 87.5$

S50. Ans.(c)

Sol. The mode is the score(s) that occur with the highest frequency. In this case, the score 85 occurs with a frequency of 5, which is more than any other score. Therefore, the mode is 85.
The mode is 85.

S51. Ans.(a)

Sol. Original Data: 78, 85, 90, 72, 85, 92, 88, 75, 82, 85

Modified Data: 78, 85, 90, 90, 85, 92, 88, 75, 82, 85.

Mean: The mean is affected by the outlier, so replacing 72 with 90 will increase the mean.

Median: The median is not affected by outliers, so it remains the same.

Mode: The mode remains the same as well because 85 still occurs most times.

S52. Ans.(b)

Sol. Adding a new score of 95, which is higher than the mean of the original dataset, will increase the overall mean. However, since 95 becomes the new highest score, it will not affect the median. The mode remains the same, as 85 still occurs most times.

S53. Ans.(b)

Sol. The revaluation pertains solely to fixed assets, meaning it **does not** affect the current assets or current liabilities. Therefore, the **current ratio remains unchanged** at **1.5:1**.

S54. Ans.(b)

[illegible]

S55. Ans.(a)

24/7

S56. Ans.(d)

Sol. Minimize the amount of funds held in very liquid assets. An aggressive working capital strategy focuses on reducing the amount of cash and other highly liquid assets to increase potential returns, even at the risk of lower liquidity.

S57. Ans.(c)

Sol. One strategy involves conducting simulations for a **designated** period. Alternatively, another approach is to extend the run length to gather a **substantial** sample size – a feasible option given the capacity to run models on computers. A third method is to continue simulation until reaching a state of equilibrium – simulated data aligns with **historical** data. For instance, in our scenario, simulated demand conforms to its **historical** frequencies.

S58. Ans.(b)

Sol. Fixed Cost is a type of cost in production that remains constant, irrespective of the level of production. This means that whether a company is producing at zero level or at its full capacity, the Fixed Cost will not change. This characteristic makes it challenging to distribute the Fixed Cost into a cost per unit of production, as it does not vary with the quantity of goods produced. An example of Fixed Cost is depreciation, which is a charge taken for the wear and tear of assets over time, and it remains the same regardless of how much the company produces using those assets.

S59. Ans.(c)

Sol. The Security Coverage Ratio (SMCR) is a measure of the security available to the lender and the extent to which the lender can amount, acting as a buffer associated with the loan. The lender needs to meet the repayment part of the loan by ensuring that the borrower has adequate assets to ensure losses from default.

S60. Ans.(b)

Sol. The role of a participating lender in the development of a loan proposal is to develop a loan proposal in a timely, efficient manner. The lender's role is to ensure that the loan proposal is effective time within a reasonable timeframe. The emphasis is on operational efficiency and effective time management to change the lending process's overall speed and responsiveness. This practice aims to benefit both the lender, by streamlining their operations, and the borrower by reducing the wait time.

S61. Ans.(b)

Sol. Cluster sampling involves dividing the population into clusters or groups that are internally homogeneous but differ from each other. Then, a random sample of clusters is selected, and all individuals within the chosen clusters are included in the sample. This method is particularly useful when it's impractical or costly to sample individuals directly from the population.

S62. Ans.(c)

Sol. The RBI could reject the appointment if the detailed rationale for appointment lacks sufficient evidence of the candidate's compliance expertise. This information is crucial to ensure the candidate meets the necessary supervisory standards, and insufficient documentation may lead to concerns about the candidate's suitability for the role.

S63. Ans.(b)

Sol. The 'fit and proper' certification by the MD & CEO is critical. This document confirms that the candidate meets the supervisory requirements laid out by the RBI, making it essential for regulatory compliance and approval of the appointment.

S64. Ans.(c)

Sol. Failing to provide prior intimation to the RBI about such significant changes can result in penalties or a formal warning. This failure goes against the compliance protocols set by the RBI, and adherence to these protocols is crucial for maintaining the trust and regulatory approval of the bank.

S65. Ans.(a)

Sol. If the bank's decision-making process is transparent, it ensures that all candidates are evaluated fairly, maintaining the integrity of the selection process. This transparency also allows for a more informed decision by the committee, providing insight into the candidates' strengths and weaknesses.

S66. Ans.(c)

Sol. The bank's policy involves cases where the bank is aware of deception or fraud. This aligns with the bank's commitment to ethical practices and the prevention of financial crimes.

S67. Ans.(a)

Sol. The bank's policy is to ensure that all transactions are conducted in a transparent and ethical manner. This involves regular audits and the use of advanced technology to monitor transactions. The bank's commitment to transparency and ethical practices is a key factor in its success.

managing debts. These insights help the bank make informed decisions about renewing or adjusting the working capital limits, ensuring that the bank supports viable businesses while managing its risk exposure.

S68. Ans.(d)

Sol. The word "Statistics" has its origins in multiple languages: Latin ("statisticum"), Italian ("statistia"), and German ("statistik"). Each of these words refers to a group of numbers or figures representing information of human interest. These origins reflect the interdisciplinary nature of statistics, drawing from various fields and cultures to develop its principles and methodologies.

S69. Ans.(c)

Sol. Analysis of financial statements, while providing an overview of a company's financial health, does not directly involve the verification of physical inventory or detailed stock records. Therefore, it's less suited for detecting specific misstatements in inventory within a stock statement compared to direct inspection or auditing methods.

S70. Ans.(c)

Sol. Market risks refer to the potential for investors to experience losses due to factors that affect the overall performance of the financial markets. These include risks related to movements in interest rates, exchange rates, equity prices, and commodity prices. Market risk arises from the unpredictable nature of these factors and cannot be eliminated through diversification and is tied to the economic environment, which is inherent to investing. It is not specific to an individual investor.

S71. Ans.(b)

Sol. The primary objective of the Insolvency and Bankruptcy Code, 2016, is to facilitate the resolution of insolvency and to facilitate the liquidation of insolvent entities. The main objective of the Code is to ensure the timely and efficient resolution of insolvency and financial risk. The Code provides a framework for the resolution of insolvency and financial risk, including the appointment of a resolution professional to manage the insolvency process. The Code also provides for the liquidation of insolvent entities, including the appointment of a liquidator to manage the liquidation process. The Code is a comprehensive framework for the resolution of insolvency and financial risk, and it is designed to ensure the timely and efficient resolution of insolvency and financial risk. The Code is a comprehensive framework for the resolution of insolvency and financial risk, and it is designed to ensure the timely and efficient resolution of insolvency and financial risk. The Code is a comprehensive framework for the resolution of insolvency and financial risk, and it is designed to ensure the timely and efficient resolution of insolvency and financial risk.

S72. Ans.(c)

Sol. Statistical data is a collection of information based on a sample of the population. It is used to make inferences about the entire population. Statistical data is used to make inferences about the entire population. Statistical data is used to make inferences about the entire population. Statistical data is used to make inferences about the entire population.

S73. Ans.(c)

Sol. The urgency in determining the fair value and liquidation value of the Corporate Debtor mandates that the Resolution Professional acts promptly. According to the regulation, the RP must appoint two valuers who are registered with the Insolvency and Bankruptcy Board of India (IBBI) within 7 days of their appointment, ensuring that the valuation process commences swiftly to facilitate further insolvency resolution processes.

S74. Ans.(c)

Sol. Extortionate transactions are identified as those where the terms are excessively harsh or outside the boundaries of law, providing an undue benefit to one party (often the lender) over another. This type of transaction is avoidable as it typically involves exploitative credit conditions that are not in compliance with standard legal or financial norms.

S75. Ans.(d)

Sol. The stipulation for banks and financial institutions (FIs) is to report information regarding non-cooperative borrowers to the Central Repository of Information on Large Credits (CRILC) within 31 days of the date of the occurrence of the event. This stipulation is intended to provide data on non-cooperative borrowers to the CRILC, which will help in better risk management and monitoring of such borrowers. This will also help in identifying the reasons for such behavior, enabling banks to take corrective measures and prevent non-cooperative behavior in the future.

S76. Ans.(b)

Sol. Random sampling is a method of being chosen from a population. It is a process of eliminating bias and ensuring that the sample is representative of the population. It is a crucial part of statistical analysis and is used to make inferences about the population. Consequently, random sampling is essential for the reliability and validity of statistical findings.

S77. Ans.(c)

Sol. The confidence level in statistical analysis reflects the degree of certainty or confidence that a statistical inference (such as a mean or proportion) falls within a specific interval estimate. It is expressed as a percentage, such as 95% or 99%. A higher confidence level indicates a greater degree of certainty about the population parameter.

S78. Ans.(b)

Sol. The Inventory Turnover Ratio is calculated by dividing Net Sales by the Average Inventory. This ratio helps measure how many times a company's inventory is sold and replaced over a period.

S79. Ans.(c)

Sol. Lok Adalats (people's courts) offer a statutory mechanism for the resolution of disputes, including those between commercial banks, financial institutions, and their clients, for dues up to Rs. 20 lakh. This is in line with the Legal Services Authority Act, 1987, which provides a legal basis for Lok Adalats and encourages an alternative, less formal, and amicable method of dispute resolution.

resolution. The Reserve Bank of India has issued guidelines recommending the use of Lok Adalats as a forum for settling such disputes, especially if convened under the civil judiciary. This approach helps reduce the burden on formal court systems and facilitates quicker resolution of disputes cost-effectively and harmoniously.

S80. Ans.(c)

Sol. Critical matters differ from routine matters in terms of the majority required for approval by the Committee of Creditors. While routine matters can pass with a simpler majority of 51% by value, critical matters need a higher threshold, specifically a 66% majority. This ensures that decisions of greater significance have a broader consensus among the creditors.

S81. Ans.(c)

Sol. Clear communication is essential for understanding the underlying issues and avoiding misunderstandings. Using plain language can help ensure that all parties involved understand the questions being asked and the answers being provided. This is particularly important in complex situations where jargon and technical terms can be confusing. Clear communication also helps in building trust and rapport, which are essential for effective problem-solving and decision-making. Finally, clear communication is a key tool for managing expectations and ensuring that all parties are on the same page.

S82. Ans.(d)

Sol. For a company to be deemed a going concern, it must be able to continue its operations for the foreseeable future. This is a crucial condition for a company to be able to raise capital and attract investors. The company must have a clear business plan and a strong management team. It must also have a good track record of performance and a solid financial position. The company must be able to generate sufficient cash flow to cover its operating expenses and debt obligations. Finally, the company must be able to adapt to changing market conditions and maintain a competitive edge.

S83. Ans.(c)

Sol. The Central Limit Theorem (CLT) states that as the sample size increases, the distribution of sample means approaches a normal distribution, regardless of the shape of the population distribution. This is a fundamental concept in statistics, as it allows for the use of normal distribution assumptions in hypothesis testing and estimation, even when the population distribution is non-normal.

S84. Ans.(320)

Sol. Tangible Networth= Networth - intangible assets
Capital + reserve - (preliminary expenses + P&L debit balance)
= 200+230-(80+30) = 430-110 = 320

S85. Ans.(d)

Sol. Current Ratio=Current Assets / Current Liabilities

$$CA = (20+20+400+300)=740$$

$$CL=(40+100+400)=540$$

$$= 740/540 = 1.37:1$$

S86. Ans.(d)

Sol. Total outside liabilities/Tangible networth

$$=720/320 =2.25:1$$

S87. Ans.(a)

Sol. Stock

$$=2000$$

S88. Ans.(b)

Sol. Debtors Turnover Ratio = Net Sales / Average Debtors

$$12 \text{ months}$$

$$=12/10$$

Debtors Turnover Ratio = Net Sales / Average Debtors

$$=3000$$

$$= 1.2 \text{ times}$$

S89. Ans.(b)

Sol. The company has a projected annual turnover of Rs. 60 lakh. Given that

20% of the projected annual turnover is to be set aside for the purpose of Rs. 60 lakh

$$/ 20\% \text{ of Rs. 60 lakh}$$

S90. Ans.(d)

Sol. Go to the end of the chapter to identify and

manag

S91. Ans.(a)

Sol.

$$\text{Mean} = 400/8$$

$$= 50$$

$$\text{MD (Mean)} = \left(\sum_{i=1}^n |x_i - \bar{x}| \right) / n$$

$$= 166/8$$

$$= 20.75$$

$$\text{Coefficient of MD} = \text{MD} / \text{Mean}$$

$$= 20.75/50$$

$$= 0.415$$

S92. Ans.(7.55)

Sol.

$$\text{Mode} = l + \frac{(f_1 - f_0/2)(f_1 - f_0 - f_2)h}{2(f_1 - f_0 - f_2)}$$

$$24.5 = 20 + \frac{(10 - 8/20 - 8 - x)10}{2(10 - 8 - x)}$$

$$\Rightarrow 24.5 = 20 + \frac{(2/12 - x)10}{2}$$

$$\Rightarrow 4.5/1 = 20/12 - x$$

$$\Rightarrow 20 = 4.5(12 - x)$$

$$\Rightarrow 20/4.5 = 12 - x$$

$$\Rightarrow 40/9 = 12 - x$$

$$\Rightarrow x = 12 - 40/9$$

$$\Rightarrow x = 108 - 40/9$$

$$\Rightarrow x = 68/9$$

$$\Rightarrow x = 7.55$$

S93. Ans.(a)

Sol. The correlation coefficient r measures the strength and direction of the linear relationship between two variables. A value of -1 indicates a perfect negative linear relationship, $+1$ indicates a perfect positive linear relationship, and 0 indicates no linear relationship. A scatter plot of data points can lead to the appearance of a linear relationship, but a heteroscedastic relationship may appear to be linear. A higher correlation coefficient indicates a stronger linear relationship. The correlation coefficient only identifies the strength and direction of the linear relationship between two variables. It does not imply causation. A high correlation does not necessarily imply that changes in one variable cause changes in another. Causation is not sufficient to establish a linear relationship. Causation and correlation are required to establish a linear relationship.

S94. Ans.(c)

Sol.

For a confidence level 90%, $\alpha = 1 - 0.90 = 0.10$, so $z_{\alpha/2} = z_{0.05}$

$$z_{0.05} = 1.645$$

Since $n = 120$, $\bar{x} = 2.71$, and $s = 0.51$

$$= 2.71 \pm 1.645(0.51/\sqrt{120})$$

$$= 2.71 \pm 0.0766$$

One may be 90% confident that the true average GPA of all students at the university is contained in the interval $(2.71 - 0.08, 2.71 + 0.08)$

$$= (2.63, 2.79)$$

S95. Ans.(39.25)

Sol.

X	x= (X-13)	x ²	Y	y= (Y-41)	y ²	xy
10	-3	9	40	-1	1	3
12	-1	1	38	-3	9	3
13	0	0	43	2	4	0
12	-1	1	45	4	16	-4
16	3	9	37	-4	16	-12
15	2	4	43	2	4	4
$\Sigma X=78$	$\Sigma x=0$	$\Sigma x^2= 24$	$\Sigma Y= 246$	$\Sigma y=0$	$\Sigma y^2= 50$	$\Sigma xy= -6$

Regression Equation of Y on X

$$Y - \bar{Y} = r \frac{\sigma_y}{\sigma_x} (X - \bar{X})$$

$$b_{yx} = r \frac{\sigma_y}{\sigma_x} = \frac{\Sigma xy}{\Sigma x^2} = -\frac{6}{24} = -0.25$$

$$Y - 41 = -0.25 (X - 13)$$

$$Y - 41 = -0.25 X + 3.25$$

$$Y = -0.25 X + 44.25$$

When X is 20, Y will be

$$= -0.25(20) + 44.25$$

$$= -5 + 44.25$$

$$= 39.25$$

S96. Ans.(d)

Sol. Statement 1: When a phenomenon is irregular variation, also known as random variation, it is typically difficult to isolate mathematically. The cause is unpredictable and unknown factors, making it challenging to model or predict mathematically.

Statement 2: The statement is incorrect. Correcting or addressing irregular variations often requires advanced statistical techniques and trends in data, so it is not necessarily the easiest way to reveal meaningful patterns.

S97. Ans.(c)

Sol. The probability of drawing a spade $P(A) = 13/52$

The probability of drawing a king $P(B) = 4/52$

Because one of the kings can belong to a spade, therefore the events are not mutually exclusive.

The probability of drawing a king of spade $P(AB) = 1/52$

So, the probability of drawing a spade or king is:

$$P(A \text{ or } B \text{ or Both}) = P(A) + P(B) - P(AB)$$

$$= 13/52 + 4/52 - 1/52$$

$$= 16/52$$

$$= 4/13$$

S98. Ans.(c)

Sol. In linear programming, the **slack** variable represents the difference between the left-hand side and right-hand side of a constraint. A slack variable can be positive, indicating surplus or excess capacity, or zero, indicating that the constraint is binding and the resources are fully utilized. When the value of the **slack** variable is zero, it indicates that the constraint is satisfied without any excess capacity, and the associated resource is considered "scarce" because it is fully consumed.

S99. Ans.(d)

Sol. Skewness is the degree of distortion from the symmetrical bell curve or the normal distribution. There are two types of skewness. In the case of positive skewness, the mean and the mode are not equal, the mean is greater than the mode, and the distribution is skewed to the right. In this case, the mean is greater than the mode.

S100. Ans.(c)

Sol. Robert Owen was a social reformer and a socialist. He was a pioneer in the field of social reform. He believed in the idea of a new social system, which he called "New Moral System". He was a pioneer in the field of social reform. He believed in the idea of a new social system, which he called "New Moral System". He was a pioneer in the field of social reform. He believed in the idea of a new social system, which he called "New Moral System".