



GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)

(Deemed to be University)

(Estd. u/s 3 of the UGC Act, 1956), NAAC Accredited with 'A+' Grade
Visakhapatnam | Hyderabad | Bengaluru

GITAM Institute of Management

Department of Finance

PhD Entrance Test 2020-21

Model-Question paper

Duration: 2 hours

Max Marks: 140

Note : This is a sample paper. The main examination paper will be online and consists of 35 questions each in section A and section B

Section A: Research Methodology

- The standard deviation of a set of 50 observations is 8. If each observation is multiplied by 2, then the new value of standard deviation will be
 - 4
 - 8
 - 16
 - None
- If mean and coefficient of variation of a set of data is 10 and 5, respectively, then the standard deviation is
 - 10
 - 50
 - 5
 - None
- Which of the following is relative measure of dispersion
 - Standard deviation
 - Variance
 - Coefficient of Variation
 - All the three
- If the first and third quartiles are 22.16 and 56.36, respectively, then the quartile deviation is
 - 17.1
 - 34.2
 - 51.3
 - None
- What is the mean of the observations 50, 60, 80, 100, 35, 15
 - 56.7
 - 45.5
 - 34.2
 - 22.3
- Critical region is a region of
 - Rejection
 - Acceptance
 - Indecision
 - None

7. The test statistic to test for normal population is
 - a. F test
 - b. ANOVA
 - c. T test
 - d. Chi-square test

8. Which of the following is the non - random method of selecting samples from a population
 - a. Simple random
 - b. Stratified sampling
 - c. Quota sampling
 - d. Cluster sampling

9. What is the median for the observations 34, 25, 33, 45, 62
 - a. 33
 - b. 34
 - c. 45
 - d. 25

10. are simply facts or recorded measures of certain phenomena.
 - a. Information
 - b. Data
 - c. Intelligence
 - d. None

Section B: General Management with Finance

1. Administrative Theory was proposed by
 - a. Henri Fayol
 - b. Max Weber
 - c. F W Taylor
 - d. None of the above

2. Management By Objectives is based on which of the following motivation theories:
 - a. Goal Setting theory
 - b. Equity theory
 - c. Need Hierarchy theory
 - d. Two Factor Theory

3. Decision Tree analysis is a part of
 - a. Decision Making
 - b. Delegation of Authority
 - c. Span of Control
 - d. Chain of Command

4. Managerial Grid is a theory of
 - a. Leadership
 - b. Motivation
 - c. Communication
 - d. Attitudes

5. Two Factor Theory of Motivation was proposed by
 - a. Herzberg
 - b. Maslow
 - c. Adams
 - d. Elton Mayo

6. Which of the following is non-operating expense
 - a. salary of Director
 - b. depreciation
 - c. advertisement expenses
 - d. interest loan

7. The most suitable coverage ratio for deciding the dept capacity of a firm is
 - a. Interest coverage ratio
 - b. cash flow coverage ratio
 - c. Debt coverage ratio
 - d. fixed assets coverage ratio

8. Which of the following is the most popular method for estimating cost of equity
 - a. Capital assets pricing model
 - b. dividend yield method
 - c. Gordon dividend discounted model
 - d. earnings yield method

9. Which one of the following is not the internal factor affecting the weighted average cost of capital of a firm
 - a. Investment policy of firm
 - b. capital structure of firm
 - c. dividend policy followed
 - d. market risk premium for a firm

10. The most common approach for analyzing the capital structure of a firm is
 - a. ratio analysis
 - b. cash flow analysis
 - c. comparative analysis
 - d. leverages analysis