



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 Entrepreneurship

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 Economics & Entrepreneurship

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
- Herzberg
 - Maslow
 - Adams
 - Elton Mayo
6. In which form of the market structure ,a firms control over the price of its product is almost nil
- Monopoly
 - Oligopoly
 - Duopoly
 - Perfect Competition
7. The determinants of demand is/are
- Price
 - Buyers income
 - Social Status of the consumer
 - Availability of credit
 - All of these
8. The money value of total output or production of final goods and services produced by the nationals of a country during a given period of time generally a year refers to
- GDP
 - GNP
 - NNP
 - NDP
9. is an apex advisory body constituted by the government of India to render advice on all the issues pertaining to the
- Large scale industries sector
 - Small scale Industries sector
 - Village industries
10. An entrepreneur who started and run businesses in the past, successfully or closed it down, or sold it off to another person is called
- Portfolio entrepreneur
 - Nascent entrepreneur
 - Habitual entrepreneur
 - Serial entrepreneur