

# Final Test Semester 4 Paper 20 INDIAN INSTITUTE OF MATERIALS MANAGEMENT Research Methodology [PGDMM , PGDSCM & L (2 years)]

Instructions:

1. Answer all 50 questions. Each question carries 2 marks Total : 100 Marks
2. Duration 1 Hour.

**\*Required**

1. Email \*

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2. Name \*

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3. Roll Number \*

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4. Q1. Secondary Data is

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- Data collected First in Study
- Census Data
- Data Collected through the Questionnaire
- None of above

5. Q2. In Quota sampling, sample is selected

*Mark only one oval.*

- In equal proportion from each strata
- In unequal proportion from each strata
- By allotting Fix Number to each strata
- By allotting Decimal Number to each strata

6. Q3. Median of Data : 30,31,20,22,24,26,16,18

*Mark only one oval.*

- 22
- 24
- 23
- 26

7. Q4. In Research study, a census is appropriate if:

*Mark only one oval.*

- The population size is small
- The population size is big
- Researcher has ample time to study
- Sampling application is not possible

8. Q5. A Consumer Price Index is used to determine

*Mark only one oval.*

- Purchasing Power of Money
- Rate of Inflation
- Minimum wage of workers
- Import policy of Govt

9. Q6. Application of Chi Square test is possible if :

*Mark only one oval.*

- Sample size is less than 50
- Sample size is equal to or more than 50
- Sample size must not be more than 50
- Sample size is more than 100

10. Q7. Mistakes if any can be pin-pointed and corrected easily in:

*Mark only one oval.*

- Oral Report
- Written Report
- In both
- None

11. Q8. Mail Questionnaire is very suitable as:

*Mark only one oval.*

- Only responsible people send it back
- Sensitive Questions can be included
- Larger number of the people covering wide area can be contacted.
- None of the above

12. Q9. MANOVA stands for

*Mark only one oval.*

- Manual Analysis of variance
- Multi-lingual Analysis of variance
- Multiple Analysis of variance
- Multivariate Analysis of variance

13. Q10. Exploratory research to study a problem to

*Mark only one oval.*

- explains the ambiguity
- increases the ambiguity
- resolves the ambiguity
- create the ambiguity

14. Q11. ANNOVA stands for

*Mark only one oval.*

- Analysis of variation
- Analysis of variability
- Analysis of Variance
- Analysis of Value

15. Q12. Area under the Normal curve for  $Z \geq 1$  is:

*Mark only one oval.*

- 0.2714
- 0.1587
- 0.3143
- 0.4313

16. Q13. Normal distribution is represented by:

*Mark only one oval.*

- Pie-Chart
- Z-Curve
- Bar-diagram
- Histogram

17. Q14. t-test is used when

*Mark only one oval.*

- Sample size  $n > 30$  and  $\sigma$  is not known
- Sample size  $n < 30$  and  $\sigma$  is not known
- Sample size  $n < 30$  and  $\sigma$  is known
- Sample size  $n > 30$  and  $\sigma$  is known

18. Q15. Complete enumeration of all the elements of a population is known as

*Mark only one oval.*

- A complete survey
- Census of population
- Complete list of population
- Population enumeration

19. Q16. A research design is concerned with

*Mark only one oval.*

- The study of a problem
- To find the cause for study
- The way to study the problem
- To design the problem

20. Q17. Regression analysis is used to

*Mark only one oval.*

- Find error among variables
- Predict the value of one variable from the other
- Do qualitative analysis
- Do market study

21. Q18. Validity of samples depends on

*Mark only one oval.*

- Accuracy
- Wide variations between the elements
- Population characteristics
- Sample design

22. Q19. Temperature scale is

*Mark only one oval.*

- Ratio Scale
- Ordinal Scale
- Nominal Scale
- Interval scale

23. Q20. A measure of Dispersion is

*Mark only one oval.*

- Median
- Range
- Mean
- Mode

24. Q21. SPSS stands for

*Mark only one oval.*

- Software package for social sciences
- Special package for social sciences
- Statistical package for social sciences
- Support package for social sciences

25. Q22. Standard deviation is commonly denoted by

*Mark only one oval.*

- Alpha
- Beta
- Sigma
- Gamma

26. Q23. Halo effect is

*Mark only one oval.*

- A pervasive error
- Known error
- Unknown error
- Technical error

27. Q24. Normal distribution curve is

*Mark only one oval.*

- Skewed
- Symmetric
- Asymmetric
- Asymptomatic

28. Q25 Coefficient of variation of data relates to

*Mark only one oval.*

- Consistency
- Dispersion
- Relationship of variables
- Deviation

29. Q26. ERP stands for

*Mark only one oval.*

- Evaluation review program
- Enterprise resource planning
- Electronic research program
- Enterprise research program

30. Q27. Ogive is

*Mark only one oval.*

- An ascending curve
- A descending curve
- A flat curve
- Can be both ascending and descending.

31. Q28. Marketing is

*Mark only one oval.*

- Finding way to sell more
- A company department
- A business strategy
- A kind of thought

32. Q29. OLAP stands for

*Mark only one oval.*

- Online asymptomatic processing
- Online Analytical processing.
- Offline assumption planning
- Offline Analytical planning



33. Q30. Chi-Square test is

*Mark only one oval.*

- A Parametric test
- A non-Parametric test
- A random test
- A selective test

34. Q31. MIS stands for

*Mark only one oval.*

- Money information status
- Management Information system
- Market information status
- Mobile information system

35. Q32. The objective of applied research is

*Mark only one oval.*

- Gaining knowledge
- Solving a problem
- Generating data
- Creating options

36. Q33. Application of Z Test is possible if

*Mark only one oval.*

- Sample size is less than 30
- Sample size is equal to or more than 30
- Sample size must be more than 30
- Sample size equal to 20

37. Q34. Non Probability sampling is

*Mark only one oval.*

- Snowball sampling
- Stratified sampling
- Random sampling
- Cluster sampling

38. Q35. If coefficient of correlation is -1 the two variables

*Mark only one oval.*

- May be correlated
- Are not correlated
- Perfectly negatively correlated
- Perfectly positively correlated

39. Q36. A measure is reliable if repeated measurements

*Mark only one oval.*

- Maintain the same distance between them
- Are consistent
- Are almost similar
- Are all dissimilar

40. Q37. Variables which are not desirable in experimental research are those which are

*Mark only one oval.*

- Independent
- Dependent
- Extraneous
- Related.

41. Q38. Research design for exploratory research is

*Mark only one oval.*

- Flexible
- Rigid
- Structured
- Unstructured

42. Q39. Multistage sampling is

*Mark only one oval.*

- a) Random sampling
- b) Cluster sampling
- c) A mix of above (a) and (b)
- d) None of the above

43. Q40. If Mean of a data is 24 and standard deviation is 4.6 then coefficient of variation is

*Mark only one oval.*

- 5.22
- 19.17
- 8.33
- 0.192

44. Q41. With sufficient increase in the size of a sample

*Mark only one oval.*

- Type I error increases
- Type II error does not reduce
- Both Type I and Type II error decreases
- None of the above

45. Q42. For good business research data required should be

*Mark only one oval.*

- Economical
- Reliable
- Accurate
- Sensitive

46. Q43. An index number calculated from a group of variables is called

*Mark only one oval.*

- Composite index number
- Complex index number
- Compound index number
- Correlated index number

47. Q44. Exploratory research would be ideally suited

*Mark only one oval.*

- To study market competition
- To generate new product idea
- To identify error in research design
- All of above

48. Q45. Observation and Experimentation are some of the methods for collecting

*Mark only one oval.*

- Secondary data
- Primary data
- Extraneous data
- Related data

49. Q46. Graphical presentation is another way of

*Mark only one oval.*

- Mathematical presentation
- Pictorial presentation
- Logical presentation
- Sequential presentation

50. Q47. Dichotomous questions have

*Mark only one oval.*

- One answer
- Two answers
- Three answers
- Four answers

51. Q48. Correlation analysis studies

*Mark only one oval.*

- Cause and Effect relationship
- Association between variables
- Dispersion between variables
- None of above

52. Q49. Binomial distribution is applicable to trials which have

*Mark only one oval.*

- Two related outcomes
- Two mutually exclusive outcomes
- Two composite outcomes
- Two simple outcomes

53. Q50. CATI stands for

*Mark only one oval.*

- Computer assisted task initiative
- Computer assisted telephone interviewing
- Computer aided team interpretation
- Computer Audio theft investigator.

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