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 *


2. Name *


3. Roll Number *


4. Q1. Secondary Data is

Mark only one oval.

☐ 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


*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 pinpointed 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. Graphical presentation is another way of

*Mark only one oval.*

- [ ] Mathematical presentation
- [ ] Pictorial presentation
- [ ] Logical presentation
- [ ] Sequential presentation

50. Dichotomous questions have

*Mark only one oval.*

- [ ] One answer
- [ ] Two answers
- [ ] Three answers
- [ ] Four answers

51. Correlation analysis studies

*Mark only one oval.*

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

52. 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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