

School of Doctoral Research and Innovation

Ph.D. Programme - 2017

Date: 29.06.2017	Time: 120 Minutes
Name:	Candidate Id:
Discipline: Commerce	

GLS Research and Aptitude Test (GReAT)

Some points to note:

- This test is of 120 minutes duration, contains 100 questions and is meant to be taken at one sitting without any breaks.
- Each question has four options. Shade the appropriate box (option) in the answer sheet for each question. Shade the box completely and do not shade more than one box, as they will be treated invalid.
- Use pencils for shading the box.
- Do your scratch work on the space available in the test book itself. DO NOT use any additional paper for rough work. You are not allowed to use any calculating device or scale.
- There is no negative marking. Hence try to attempt the maximum number of questions.
- Both question paper and answer sheet are supposed to be returned at the end of the test.

All the best.....



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Ph.D. Programme - 2017

GLS Research and Aptitude Test (GReAT) - Answer sheet

Name: ______ Candidate Id:_____

Please shade the appropriate option with pencil

Section 1

Question No.	Options			
1	а	b	С	d
2	а	b	С	d
3	а	b	С	d
4	а	b	С	d
5	а	b	С	d
6	а	b	С	d
7	а	b	С	d
8	а	b	С	d
9	а	b	С	d
10	а	b	С	d
11	а	b	С	d
12	а	b	С	d
13	а	b	С	d
14	а	b	С	d
15	а	b	С	d
16	а	b	С	d
17	а	b	С	d
18	а	b	С	d
19	а	b	С	d
20	а	b	С	d
21	а	b	С	d
22	а	b	С	d
23	а	b	С	d
24	а	b	С	d
25	а	b	С	d

Question No.	Options			
26	а	b	С	d
27	а	b	С	d
28	а	b	С	d
29	а	b	С	d
30	а	b	С	d
31	а	b	С	d
32	а	b	С	d
33	а	b	С	d
34	а	b	С	d
35	а	b	С	d
36	а	b	С	d
37	а	b	С	d
38	а	b	С	d
39	а	b	С	d
40	а	b	С	d
41	а	b	С	d
42	а	b	С	d
43	а	b	С	d
44	а	b	С	d
45	а	b	С	d
46	а	b	С	d
47	а	b	С	d
48	а	b	С	d
49	а	b	С	d
50	а	b	С	d



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Name: _____ Candidate Id:______

Please shade the appropriate option with pencil

Section 2

Question No.	Options			
1	а	b	С	d
2	а	b	С	d
3	а	b	С	d
4	а	b	С	d
5	а	b	С	d
6	а	b	С	d
7	а	b	С	d
8	а	b	С	d
9	а	b	С	d
10	а	b	С	d
11	а	b	С	d
12	а	b	С	d
13	а	b	С	d
14	а	b	С	d
15	а	b	С	d
16	а	b	С	d
17	а	b	С	d
18	а	b	С	d
19	а	b	С	d
20	а	b	С	d
21	а	b	С	d
22	а	b	С	d
23	а	b	С	d
24	а	b	С	d
25	а	b	С	d

No. . 26 a b c 27 a b c 28 a b c 29 a b c	d d d d d d d
27 a b c 28 a b c 29 a b c	d d d d
28 a b c 29 a b c	d d d
29 a b c	d d
	d
20	
30 a b c	Ч
31 a b c	u
32 a b c	d
33 a b c	d
34 a b c	d
35 a b c	d
36 a b c	d
37 a b c	d
38 a b c	d
39 a b c	d
40 a b c	d
41 a b c	d
42 a b c	d
43 a b c	d
44 a b c	d
45 a b c	d
46 a b c	d
47 a b c	d
48 a b c	d
49 a b c	d
50 a b c	d

Section: 1 – Research Methodology

- 1. Non-probability sampling includes
 - a. Quota Sampling
 - b. Convenience Sampling
 - c. Judgment Sampling
 - d. All of the Above
- 2. The process of assigning numerals to objects according to some rules is termed as
 - a. Observation
 - b. Measurement
 - c. Analysis
 - d. Statistics
- 3. 'Internal criticism' is a required step in
 - a. Experimental Research
 - b. Descriptive Research
 - c. Philosophical Research
 - d. Historical Research
- 4. The research that aims at immediate application is
 - a. Action Research
 - b. Empirical Research
 - c. Conceptual Research
 - d. Fundamental Research
- 5. Which method focuses on generating new hypothesis?
 - a. Pattern
 - b. Deductive
 - c. Inductive
 - d. None is correct
- 6. Which of the following is not an approach of analysis of qualitative data?
 - a. Logical Analysis
 - b. Criterion Analysis
 - c. Content Analysis
 - d. Inductive Analysis
- 7. The Government of India conducts Census after every 10 years. The method of research used in this process is
 - a. Case Study
 - b. Developmental
 - c. Survey
 - d. Experimental

- 8. A researcher is generally expected to
 - a. Study the existing literature in a field
 - b. Synthesize the ideas given by others
 - c. Evaluate the findings of a study
 - d. Generate new principles and theories
- 9. A mediator variable is:
 - a. responsible for the relationship between two other variables
 - b. another name for the independent variable
 - c. another name for the dependent variable
 - d. all of the above
- 10. A researcher divides his population into certain groups and fixes the size of the sample from each group. It is called
 - a. Stratified sample
 - b. Quota sample
 - c. Cluster sample
 - d. All of the above
- 11. Which section of a journal article is provided in most online electronic databases?
 - a. Conclusion
 - b. Abstract
 - c. Results
 - d. Introduction
- 12. What is deemed a good measure of the quality of a journal?
 - a. The intake factor
 - b. The impact factor
 - c. The OPAC factor
 - d. The influence factor
- 13. Which of the following show the proportion of variance shared between two variables?
 - a. Correlation
 - b. Standard error
 - c. Attenuation
 - d. Co-efficient of determination
- 14. The appropriate analytical technique is determined by
 - a. The research design
 - b. Nature of the data collected
 - c. Nature of the hypothesis
 - d. Both A & B

- 15. To obtain the freest opinion of the respondent, when we ask general question before a specific question then this procedure is called as the:
 - a. Research technique
 - b. Qualitative technique
 - c. Funnel technique
 - d. Quantitative technique
- 16. Randomization of test units is a part of
 - a. Pretest
 - b. Posttest
 - c. Matching
 - d. Experiment
- 17. All of the following are true statements about action research, EXCEPT
 - a. Data are systematically analyzed
 - b. Data are collected systematically
 - c. Results are generalizable
 - d. Results are used to improve practice
- 18. "Income distribution of employees" in a specific organization is an example of which of following type of variable?
 - a. Discontinuous variable
 - b. Continuous variable
 - c. Dependent variable
 - d. Independent variable
- 19. How many times the students appear in the research class is the example of ______.
 - a. Intensity
 - b. Space
 - c. Frequency
 - d. Direction
- 20. Experimental design is the only appropriate design where______ relationship can be established.
 - a. Strong
 - b. Linear
 - c. Weak
 - d. Cause and Effect

- 21. _____ is the evidence that the instrument, techniques, or process used to measure concept does indeed measure the intended concepts.
 - a. Reliability
 - b. Replicability
 - c. Scaling
 - d. Validity
- 22. Which of the following is not the source for getting information for exploratory research?
 - a. Content analysis
 - b. Survey
 - c. Case study
 - d. Pilot study
- 23. Which of the following sampling technique is used for Employee Turnover and Job Openings survey?
 - a. Simple random sampling
 - b. Cluster sampling
 - c. Stratified sampling
 - d. Convenience sampling
- 24. Which one of the following can be more helpful than others in order to determine the exact source of measurement errors in establishment survey?
 - a. Focus group
 - b. Operation test
 - c. Response analysis survey
 - d. Document design analysis
- 25. The difference between a convenience sample and a representative sample is:
 - a. Convenience sample limits the participants to the population of interest
 - b. The availability a convenience sample is easier for the researcher to approach
 - c. The convenience sampling selects participants randomly and a representative sample does not
 - d. The size a representative sample is bigger
- 26. Which of the following statements is true of the relationship between sample sizes and effect sizes?
 - a. The bigger the effect, the bigger the sample size
 - b. The bigger the difference, the bigger the sample size
 - c. Smaller effect sizes are more likely to be significant with smaller sample sizes
 - d. The effect size and sample size have no relationship

- 27. What sort of research is coding appropriate for?
 - a. Quantitative and qualitative
 - b. Quantitative
 - c. Qualitative
 - d. None of these
- 28. The primary aim of ______ is to give structure to data in the form of categories which can then be analysed.
 - a. Statistics analysis
 - b. Pilot studies.
 - c. Self-completion questionnaires
 - d. Coding
- 29. Quasi-experimental research is used because:
 - a. Random selection is not possible
 - b. Neither random selection nor random assignment is possible
 - c. Random assignment is not possible
 - d. There are no comparison groups available
- 30. The extent to which a test provides scores that are meaningful, appropriate or useful is referred to as;
 - a. Reliability
 - b. Accuracy
 - c. Internal validity
 - d. Validity
- 31. What is the first step in the research process?
 - a. Problem definition
 - b. Define broad problem area
 - c. Theoretical framework
 - d. Preliminary data collection
- 32. Which of the following is a discrete variable?
 - a. Age
 - b. Nationality
 - c. Test score
 - d. Income
- 33. In which way does a ratio scale measurement differ from an interval measurement?
 - a. It measures larger or smaller scores on some underlying dimension
 - b. It implies the existence of an absolute zero value
 - c. It requires the mutual exclusivity of all cases
 - d. It requires that exhaustiveness is applied to all observations

- 34. Question that consists of two or more questions joined together is called a:
 - a. Double barreled question
 - b. General question
 - c. Accurate question
 - d. Confusing question
- 35. Statistics is used by researchers to
 - a. Analyze the empirical data collected in a study
 - b. Make their findings sound better
 - c. Operationally define their variables
 - d. Ensure the study comes out the way it was intended
- 36. The theoretical framework discusses the interrelationships among the.....
 - a. Variables
 - b. Hypothesis
 - c. Concept
 - d. Theory
- 37. You can collect qualitative data, such as from interviews, but then analyse this data quantitatively.
 - a. True
 - b. False
- 38. Quartile Coefficient of skewness lies between
 - a. 0 and 1
 - b. -1 and 0
 - c. None of these
 - d. -1 and +1

39. ____

_____ is the most widely used measure of dispersion

- a. Median
- b. Variance
- c. Harmonic Mean
- d. None of the above
- 40. A bar chart or graph showing the frequency of occurrence of each value of the variable being analysed is called
 - a. Bar Chart
 - b. Histogram
 - c. Candle stick
 - d. None of these

- 41. The assumption of normal distribution for the variable under consideration or some assumption for a parametric test is not valid or is doubtful then we use
 - a. Parametric Test
 - b. Non-Parametric Test
 - c. Both Parametric Test and Non-Parametric Test
 - d. All of the above
- 42. A group of observations is the quotient obtained by dividing the sum of all the observations by their number, is called
 - a. Mean
 - b. Median
 - c. Mode
 - d. None of these
- 43. What is data collection?
 - a. Collecting the research question and objectives together
 - b. Gathering the information (data) which will help you address your research question
 - c. Reviewing the literature review
 - d. Outlining how you will gather the information for your research question
- 44. An understanding of business research methods is important because:
 - a. Business research is laden with terminology and jargon specific language
 - b. Business research draws on complex research designs
 - c. It is imperative to understandning frontline staff needs
 - d. It helps you to avoid the common pitfalls of research methods, it helps you to critically read others' research, and it helps you to better understand your own topics of interest
- 45. In descriptive statistics, we study
 - a. The description of decision making process
 - b. The method for organizing, displaying and describing data
 - c. How to describe the probability distribution
 - d. None of above
- 46. What type of data do you need for a chi-square test?
 - a. Categorical
 - b. Ordinal
 - c. Scales
 - d. Parametric
- 47. What shape is a normal distribution?
 - a. Flat
 - b. Bell shaped
 - c. Descending line
 - d. Inverted (U)

- 48. What is a cross-sectional design?
 - a. A study of one particular section of society, e.g. the middle classes
 - b. One that is devised when the researcher is in a bad mood
 - c. The collection of data from more than one case at one moment in time
 - d. A comparison of two or more variables over a long period of time
- 49. Researcher intends to ascertain the attitude of adolescents towards modernization, which one of the following tools is an appropriate one?
 - a. Likert Scale
 - b. Projective Technique
 - c. Interview
 - d. Sociometry
- 50. Which of these sections should come first in an APA report?
 - a. Conclusions
 - b. Methodology
 - c. Abstract
 - d. Introduction

Section: 2 – Commerce Discipline

- 1. Accounting Standards in India Issued by Accounting standard board of ______.
 - a. ICAI
 - b. SEBI
 - c. RBI
 - d. State Government
- 2. Management accounting is related with
 - A. The problem of choice making
 - B. Recording of transactions
 - C. Cause and effect relationships
 - a. A and B
 - b. B and C
 - c. A and C
 - d. All are false
- 3. The angle formed by the sales line and total cost line at the breakeven point is known as.....
 - a. Angle of Profit variable
 - b. Margin of safety
 - c. Angle of incidence
 - d. None

- 4. In a decision analysis situation, which of the following costs is generally not relevant?
 - a. Incremental cost
 - b. Differential cost
 - c. Replacement cost
 - d. Historical cost
- 5. The classification of costs as either direct or indirect depends upon
 - a. The timing of the cash outlay for the cost
 - b. Whether an expenditure is unavoidable because it cannot be changed regardless of any action taken
 - c. The behaviour of the cost in response to volume changes
 - d. The cost object to which the cost is being related
- 6. The cost proposed annually for the plant service for the grounds at corporate headquarters is an example of
 - a. Opportunity cost
 - b. Prime cost
 - c. Relevant cost
 - d. Discretionary cost
- 7. Which of the following is the most likely to result in an adverse variable overhead efficiency variance?
 - a. Higher bonus payments to employees than standard
 - b. Less experienced employees were employed than standard
 - c. Use of better quality of material than standard
 - d. Machine cost per hour were higher than standard
- 8. If there is a change in cost due to change in the level of activity or pattern or method of production, it is known as
 - a. Controllable cost
 - b. Semi-variable cost
 - c. Discretionary cost
 - d. Differential cost
- 9. A market where goods are sold in bulk quantities to the customers is known as______
 - a. Retail market
 - b. Wholesale market
 - c. Product market
 - d. Service market

- 10. In the traditional ______ concept, the main strategy of the company is to find customer for the product manufactured by them and somehow convince the customer into buying this product.
 - a. Selling
 - b. Product
 - c. Production
 - d. Marketing

11. The concept of MBO (management by objective) was popularised by

- a. F. W. Taylor
- b. Peter Drucker
- c. Mark Robinson
- d. None of the above

12. _____helps to understand how consumers are influenced by their environment.

- a. Consumer behaviour
- b. Motives
- c. Perception
- d. Learning

13. Just in Time (JIT) approach seeks to have ______.

- a. Zero Inventories
- b. Defective goods
- c. Overproduction
- d. Flexible production

14. The ______ programme once installed must be continued on a permanent basis.

- a. Job evaluation
- b. Training and development
- c. Recruitment
- d. All of the above

15. Following is (are) the characteristic(s) of a budget

- a. It outlines projected activities
- b. Expressions are made in quantitative terms
- c. It is for a fixed period
- d. All of the above
- 16. The significance of capital budgeting arises mainly due to the
 - a. Complicacies of Investment decisions
 - b. Irreversible in nature
 - c. Large Investment
 - d. All of the above

- 17. Capital budgeting involves the
 - a. Planning of Purchase
 - b. Planning of Sales
 - c. Planning of expenditure for assets
 - d. All of the above
- 18. Ind As stands for _____
 - a. Indian Accounting Systems
 - b. Indian Accounting Standards
 - c. International Audit standards
 - d. Indian Audit System
- 19. Who coined the concept of management accounting?
 - a. R.N Anthony
 - b. James H. Bliss
 - c. J. Batty
 - d. American Accounting Association
- 20. Accounting provides information on
 - a. Cost and income for management
 - b. Company's tax liability for a particular year
 - c. Financial conditions of a company
 - d. All of the above
- 21. The long term assets that have no physical existence but are rights that have value is known as
 - a. Current assets
 - b. Fixed assets
 - c. Intangible assets
 - d. Investments
- 22. The measure of how efficiently the assets resources are employed by the firm is called
 - a. Liquidity ratio
 - b. Leverage ratios
 - c. Activity ratios
 - d. Profitability ratios
- 23. A higher inventory ratio indicates
 - a. Better inventory management
 - b. Quicker turnover
 - c. Both 'A' and 'B'
 - d. None of the above

- 24. As per law of demand, other things being equal, if the price of commodity ______, the quantity demanded of it will rise.
 - a. Rise
 - b. Remains Same
 - c. Increases
 - d. Falls

25. In economics, equilibrium is a situation in which _____

- a. Market becomes unstable
- b. There is no inherent tendency to change
- c. Quantity demanded is more than quantity supplied
- d. All of above

26. The demand for very costly and very cheap goods is _____

- a. Elastic
- b. Inelastic
- c. Unitary
- d. All of the above

27. "Law of returns to Scale" is a _____ Concept

- a. Short run
- b. Long run
- c. Very short period
- d. None of the above
- 28. The monopolist is _____
 - a. Price taker
 - b. Price maker
 - c. Price acceptor
 - d. None of the above

29. ______ is a rate at which RBI borrows money from Central bank

- a. Bank rate
- b. Treasury Rate
- c. Reverse repo rate
- d. Reporate
- 30. Financial Management is the
 - a. Application of Planning and Control Function to the Finance Function
 - b. Application of cost plan in respect of production
 - c. Application of costing system
 - d. Art of recording

- 31. The accountant's concept of marginal cost differs from the Economist's concept of marginal cost in the matter of exclusion of...
 - a. Variable cost
 - b. Semi variable cost
 - c. Fixed cost
 - d. None of these
- 32. Income tax is rounded off to:
 - a. Nearest ten rupees
 - b. Nearest one rupee
 - c. Nearest hundred rupees
 - d. No rounding off of tax is done
- 33. Which of the following things are essential for a commodity to become effective demand?
 - a. Desire for a Commodity
 - b. Willingness to pay
 - c. Ability to pay for commodity
 - d. All of the above
- 34. Maximum qualifying limit for deduction under section 80C for Assessment Year 2017-18 is Rupees ______
 - a. 2, 50,000
 - b. 2,00,000
 - c. 1, 25,000
 - d. 1,50,000
- 35. A.O.P (Association of person) should consist of:
 - a. Individual only
 - b. Persons other than individual only
 - c. Both (a) and (b)
 - d. none of the above
- 36. Which of the factor of production is free gift of nature
 - a. Entrepreneurship
 - b. Capital
 - c. Labour
 - d. Land
- 37. Financial Management includes
 - a. Measurement of Performance
 - b. Finance function
 - c. Financial Resources
 - d. All of the above

- 38. Total number of Ind AS ______.
 - a. 39
 - b. 69
 - c. 72
 - d. 30
- 39. Agricultural income is exempt provided the:
 - a. Land is situated in India
 - b. Land is situated only in urban area in India
 - c. Land is situated whether in India or outside India.
 - d. Land situated outside India
- 40. What kind of Taxes will GST replace?
 - a. Central Excise Tax
 - b. Service Tax
 - c. Entertainment Tax
 - d. All of the above
- 41. Leading function of central bank is _____
 - a. Issue of notes
 - b. Bank to bankers
 - c. Credit control
 - d. All of above
- 42. Which method of capital budgeting called benefit cost ratio?
 - a. Payback period method
 - b. Net present value method
 - c. Pay-out period method
 - d. Profitability Index method
- 43. The opportunity cost of making a component part in a factory with no excess capacity is the
 - a. Fixed manufacturing cost of the component
 - b. Variable manufacturing cost of the component
 - c. Total manufacturing cost of the component
 - d. Net benefit given up from the best alternative use of the capacity
- 44. In which of the following situation ABC will often result in significantly different product or service overhead costs, compared with traditional absorption costing?
 - a. Indirect costs are high relative to direct cost
 - b. Products or services are complex
 - c. Products or services are tailored to customer specifications
 - d. All of the above

- 45. Who is called the father of scientific management?
 - a. F. W. Taylor
 - b. Peter Drucker
 - c. S. C. Flangon
 - d. None of the above

46. 360 degree Appraisal concept was first developed by _____ Company.

- a. GE
- b. TATA
- c. Reliance
- d. ONGC

47. In a perfect competition, the firms have _____

- a. Average revenue < Marginal revenue
- b. Average revenue = Marginal revenue
- c. Average revenue > Marginal revenue
- d. None of the above

48. In India, for companies having net worth of _______, Ind AS applicable from 01.04.2016

- a. 500 crores or more
- b. 200 crores or more
- c. Any public company
- d. only private companies
- 49. The restaurant uses standard costing and variance analyses, what is the potential cause of adverse Sales price Variances.
 - a. More number of restaurants open in the city
 - b. Learner chef appointed
 - c. More customers visited than expected
 - d. Vegetables were purchased in less quantity from retail market
- 50. Who is called the father of modern marketing?
 - a. R. K. Burns
 - b. Peter Drucker
 - c. Philip Kotler
 - d. None of the above