



Date: 29.06.2017

Time: 120 Minutes

Name: _____

Candidate Id: _____

Discipline: Design

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.....

GLS Research and Aptitude Test (GReAT) - Answer sheet

Name: _____ Candidate Id: _____

Please shade the appropriate option with pencil

Section 1

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

Question No.	Options			
26	a	b	c	d
27	a	b	c	d
28	a	b	c	d
29	a	b	c	d
30	a	b	c	d
31	a	b	c	d
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

Name: _____ Candidate Id: _____

Please shade the appropriate option with pencil

Section 2

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

Question No.	Options			
26	a	b	c	d
27	a	b	c	d
28	a	b	c	d
29	a	b	c	d
30	a	b	c	d
31	a	b	c	d
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:
- Research technique
 - Qualitative technique
 - Funnel technique
 - Quantitative technique
16. Randomization of test units is a part of
- Pretest
 - Posttest
 - Matching
 - Experiment
17. All of the following are true statements about action research, EXCEPT
- Data are systematically analyzed
 - Data are collected systematically
 - Results are generalizable
 - 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?
- Discontinuous variable
 - Continuous variable
 - Dependent variable
 - Independent variable
19. How many times the students appear in the research class is the example of _____.
- Intensity
 - Space
 - Frequency
 - Direction
20. Experimental design is the only appropriate design where _____ relationship can be established.
- Strong
 - Linear
 - Weak
 - Cause and Effect

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

27. What sort of research is coding appropriate for?
- Quantitative and qualitative
 - Quantitative
 - Qualitative
 - None of these
28. The primary aim of _____ is to give structure to data in the form of categories which can then be analysed.
- Statistics analysis
 - Pilot studies.
 - Self-completion questionnaires
 - Coding
29. Quasi-experimental research is used because:
- Random selection is not possible
 - Neither random selection nor random assignment is possible
 - Random assignment is not possible
 - 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;
- Reliability
 - Accuracy
 - Internal validity
 - Validity
31. What is the first step in the research process?
- Problem definition
 - Define broad problem area
 - Theoretical framework
 - Preliminary data collection
32. Which of the following is a discrete variable?
- Age
 - Nationality
 - Test score
 - Income
33. In which way does a ratio scale measurement differ from an interval measurement?
- It measures larger or smaller scores on some underlying dimension
 - It implies the existence of an absolute zero value
 - It requires the mutual exclusivity of all cases
 - It requires that exhaustiveness is applied to all observations

34. Question that consists of two or more questions joined together is called a:
- Double barreled question
 - General question
 - Accurate question
 - Confusing question
35. Statistics is used by researchers to
- Analyze the empirical data collected in a study
 - Make their findings sound better
 - Operationally define their variables
 - Ensure the study comes out the way it was intended
36. The theoretical framework discusses the interrelationships among the.....
- Variables
 - Hypothesis
 - Concept
 - Theory
37. You can collect qualitative data, such as from interviews, but then analyse this data quantitatively.
- True
 - False
38. Quartile Coefficient of skewness lies between
- 0 and 1
 - 1 and 0
 - None of these
 - 1 and +1
39. _____ is the most widely used measure of dispersion
- Median
 - Variance
 - Harmonic Mean
 - 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
- Bar Chart
 - Histogram
 - Candle stick
 - 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
- Parametric Test
 - Non-Parametric Test
 - Both Parametric Test and Non-Parametric Test
 - 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
- Mean
 - Median
 - Mode
 - None of these
43. What is data collection?
- Collecting the research question and objectives together
 - Gathering the information (data) which will help you address your research question
 - Reviewing the literature review
 - Outlining how you will gather the information for your research question
44. An understanding of business research methods is important because:
- Business research is laden with terminology and jargon specific language
 - Business research draws on complex research designs
 - It is imperative to understanding frontline staff needs
 - 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
- The description of decision making process
 - The method for organizing, displaying and describing data
 - How to describe the probability distribution
 - None of above
46. What type of data do you need for a chi-square test?
- Categorical
 - Ordinal
 - Scales
 - Parametric
47. What shape is a normal distribution?
- Flat
 - Bell shaped
 - Descending line
 - Inverted (U)

48. What is a cross-sectional design?
- A study of one particular section of society, e.g. the middle classes
 - One that is devised when the researcher is in a bad mood
 - The collection of data from more than one case at one moment in time
 - 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?
- Likert Scale
 - Projective Technique
 - Interview
 - Sociometry
50. Which of these sections should come first in an APA report?
- Conclusions
 - Methodology
 - Abstract
 - Introduction

Section: 2 – Design Discipline

- Symbol of Indian Currency Symbol is designed by –
 - Internal source
 - External source
 - Both internal and external source
 - None of the above
- The first report on Design called The India Report was penned by –
 - Charles & Ray Eames
 - Le Corbusier
 - Louis Kahn
 - Alexander Girard
- The most important principle of Design is –
 - Harmony
 - Rhythm
 - Balance
 - Unity
- The Craft council Of India was founded in 1964 by –
 - Kamaladevi Chattopadhyay
 - Pupul Jayakar
 - Ilaben Bhatt
 - Iravati Karve

5. Ergonomics is the term which is most associated with which discipline -
 - a. Product Design
 - b. Graphic Design
 - c. Film Design
 - d. Fashion Design

6. Proximity, similarity, figure/ ground, symmetry, good continuity are terms associated with which –
 - a. Colour theory
 - b. Gestalt Law
 - c. Principles of Design
 - d. Elements of Design

7. Good Design Award is associated with which country
 - a. Korea
 - b. China
 - c. Taiwan
 - d. Japan

8. The national design policy of India was announced in the year –
 - a. 2001
 - b. 1990
 - c. 2007
 - d. 2016

9. Which of the following is earned by an Individual -
 - a. Identity
 - b. Mascot
 - c. Memento
 - d. Trophy

10. Centre for Environment Education was founded by -
 - a. Rajeev Sethi
 - b. J Krishnamurthy
 - c. M S Swaminathan
 - d. Kartikeya Sarabhai

11. Proportion of the human body is measured with –
 - a. Finger
 - b. Palm
 - c. Feet
 - d. Arm

12. Which term will suit the concept of handmade & made to measure in fashion –
- Couture
 - prêt-à-porter
 - Bespoke
 - Ready to wear
13. Light theory of color is invented by
- Newton
 - Wassily Kandinsky
 - Munsell
 - Goethe
14. Indian Currency is printed through which process –
- Letter press
 - Screen Printing
 - Block Printing
 - Intaglio Printing
15. We can make a triangle from –
- 1 point
 - 2 points
 - 3 points
 - 4 points
- Both I & II are correct
 - Both II & III are correct
 - Both III & IV are correct
 - Both IV & I are correct
16. Which of the below mentioned brand is an Indian fashion brand –
- Pepe Jeans
 - Levi's
 - Wrangler
 - Flying Machine
17. Identity which will have only letter form is called –
- Logo
 - Symbol
 - Corporate Identity
 - Brand Identity
18. *Helvetica*, *Powers of 10* and *Objectified* are names associated with -
- Products
 - Films
 - Fashion
 - Books

19. Which of this device is related to Design –
- Barometer
 - Lactometer
 - Thermometer
 - Lux meter
20. Bauhaus School of Design was founded by -
- Paul Klee
 - Walter Gropius
 - Alexander Girard
 - William Morris
21. Font is measured in which unit –
- Centimetre
 - Inches
 - Millimetre
 - Point
22. Famous companies from around the globe - Pentagram, Litmus and Landor are associated with –
- Product Design
 - Graphic Design
 - Animation
 - Interiors Design
23. What is the size of standard visiting card?
- 6X9
 - 9X9
 - 5.5X9
 - 5X5
24. The Chola dynasty, one the longest ruling dynasty was from –
- Northern India
 - Southern India
 - Eastern India
 - Western India
25. Perspective Correcting is the term used for –
- Photography
 - Animation
 - Geometric construction
 - Plan Drawing

26. Which combination is deprived of Colour?
- Achromatic
 - Dichromatic
 - Monochromatic
 - Chromatic
27. Arm, Shoulder, Spine and Ears are part of –
- Type
 - Body
 - Fashion
 - Symbol
28. Apple Symbol is designed by –
- Rob Janoff
 - Steve Jobs
 - Steve Wozniak
 - Tim Cook
29. The word 'Frutiger' is associated with –
- Typeface
 - Colour
 - Composition
 - Perception
30. Dimension of A4 Size paper is-
- 210X297.5
 - 210.5X297
 - 210X297
 - 420X297
31. Which shade card is used globally to get a standard printing?
- Panton
 - RGB
 - CMKY
 - Grey Scale
32. ' Punch marked coins ' were introduced during the period of-
- Indus valley
 - Mauryan Emprie
 - Pallavas
 - Mughals

33. Which of this is not a modernist movement?
- Art Nouveau
 - Pop art
 - Cubism
 - Gothic
34. Pithola painting is originated from?
- Maharashtra
 - Madhya Pradesh
 - Gujrat
 - Chhattisgarh
35. Colour of the saree used during marriage in Maharashtra is –
- Red
 - Yellow
 - Green
 - White
36. ' *Guernica* ' is a famous painting by-
- Georges Braque
 - Pablo Picasso
 - Emil Nolde
 - Edvard Munch
37. International symbol of Breast cancer awareness is depicted by ribbon of which colour-
- Red
 - Pink
 - Black
 - White
38. Which one of the below mentioned magazine originated from India –
- Pool
 - Real Review
 - Works that Work
 - Eye Magazine
39. BRTS system of Ahmedabad is developed by –
- Shivanand Swamy
 - J Swaminathan
 - Krishna Swamy
 - Swami Sadanand

40. Ten Rupee bimetallic coin is designed by –
- Uday Kumar
 - Sudarshan Dheer
 - Anil Sinha
 - Sudhir Sharma
41. The architect whose retrospect was put up in china recently –
- Bimal Patel
 - B.V. Doshi
 - Anupama Kundoo
 - Hasmukh Patel
42. The Man Booker International Prize is an award given for-
- Literature
 - Music
 - Performing art
 - Fine art
43. *Ganjifa* from Maharashtra is associated to-
- Food
 - Entertainment
 - Game
 - Education
44. *Suf* is a form of –
- Music
 - Craft
 - Community
 - Printing
45. What range of electromagnetic spectrum is visible to human eye?
- 390-700 nm
 - 500-700 nm
 - 300-550 nm
 - 400-690 nm
46. Which of these is not a museum?
- MOMA
 - TATE
 - Louvre
 - Casa Mila

47. Street light generally uses which type of light?

- a. CFL
- b. LED
- c. Sodium
- d. Vapour Light

48. Sculptures of the Gandhara school reflect the influence of?

- a. Persian
- b. Italian
- c. Greek
- d. Chinese

49. ' M.C. Escher ' is associated with –

- a. Tessellation
- b. Landscapes
- c. Isometric
- a. Perspective

50. The term 'Leading' is used to depict –

- a. Letter space
- b. Word space
- c. Para space
- d. Line Space