



SHRI RAMSWAROOP MEMORIAL UNIVERSITY

RESEARCH APTITUDE TEST 2021

Ph.D. (General Aptitude)

Name:

ERP ID:

Roll No.:

Time: 1 Hour 30 Minutes

Maximum Marks: 200

Note: Please read instructions carefully:

- The question paper has 02 sections i.e. A and B. Section A contains research aptitude and general awareness related MCQs and Section B contains subject specific MCQs. It is mandatory to attempt both the sections.
- There is no negative marking.
- Please adhere to the time as extra time will not be provided.

SECTION-A

	[50 X 2 = 100]
Q. No.1)	Mean, Median and Mode are :
	(A) Measures of deviation
	(B) Ways of sampling
	(C) Measures of control tendency
	(D) None of the above
Q. No.2)	Research is
	(A) Searching again and again
	(B) Finding solution to any problem
	(C) Working in a scientific way to search for truth of any problem
	(D) None of the above
Q. No.3)	She works ---- Saturday. Choose the most appropriate options to complete the sentences.
	(A) at
	(B) on
	(C) in
	(D) to
Q. No.4)	Which of the following is the first step in starting the research process?
	(A) Searching sources of information to locate problem.
	(B) Survey of related literature
	(C) Identification of problem
	(D) Searching for solutions to the problem
Q. No.5)	A common test in research demands much priority on
	(A) Reliability

	(B) Usability
	(C) Objectivity
	(D) All of the above
Q. No.6)	Action research means
	(A) A longitudinal research
	(B) An applied research
	(C) A research initiated to solve an immediate problem
	(D) A research with socioeconomic objective
Q. No.7)	I haven't got any money. Never mind. ---- some from the bank. Choose the most appropriate options to complete the sentences.
	(A) I'll get
	(B) I'm getting
	(C) I get
	(D) I'd get
Q. No.8)	A reasoning where we start with certain particular statements and conclude with a universal statement is called
	(A) Deductive Reasoning
	(B) Inductive Reasoning
	(C) Abnormal Reasoning
	(D) Transcendental Reasoning
Q. No.9)	Which of the following variables cannot be expressed in quantitative terms?
	(A) Socio-economic Status
	(B) Marital Status
	(C) Numerical Aptitude
	(D) Professional Attitude
Q. No.10)	The essential qualities of a researcher are
	(A) Spirit of free enquiry
	(B) Reliance on observation and evidence
	(C) Systematization or theorizing of knowledge
	(D) All the above
Q. No.11)	What is the pH value of human blood?
	(A) 7.40
	(B) 7.0
	(C) 0.0
	(D) 8.0
Q. No.12)	When the Constitution of India was came into effect?
	(A) 26 January, 1947
	(B) 26 January, 1949
	(C) 26 January 1950
	(D) 27 January, 1949
Q. No.13)	Shri Narendra Modi is the----- Prime Minister of India.
	(A) Seventh
	(B) Fifth
	(C) Sixth
	(D) Fourteenth

Q. No.14)	Who among the following appointed the Governor of the states in India?
	The Prime Minister
	The Parliament
	The Chief Ministers
	The President
Q. No.15)	In the process of conducting research 'Formulation of Hypothesis" is followed by
	(A) Statement of Objectives
	(B) Analysis of Data
	(C) Selection of Research Tools
	(D) Collection of Data
Q. No.16)	Prime Minister Shri Narendra Modi inaugurated and laid the foundation stone of various developmental initiatives in which state/ UT on February 25, 2021?
	(A) West Bengal
	(B) Odisha
	(C) Puducherry
	(D) Andhra Pradesh
Q. No.17)	Viticulture is related with __
	(A) Grapes
	(B) Pine Apple
	(C) Orange
	(D) Strawberry
Q. No.18)	$2.75 + .003 + .158 =$
	(A) 4.36
	(B) 2.911
	(C) 0.436
	(D) 2.938
Q. No.19)	Which of the following is closest to 27.8×9.6 ?
	(A) 280
	(B) 300
	(C) 2800
	(D) 3000
Q. No.20)	A research paper is a brief report of research work based on
	(A) Primary Data only
	(B) Secondary Data only
	(C) Both Primary and Secondary Data
	(D) None of the above
Q. No.21)	One of the following is not an open source software:
	(A) DSpace
	(B) Windows
	(C) Green-stone
	(D) Linux
Q. No.22)	Classification of all types of libraries has been made by-
	(A) IFLA
	(B) UNISIST

	(C) UNESCO
	(D) INSDOC
Q. No.23)	Reading centre's, story hours, exhibitions and reading to literature are forms of
	(A) Extension service
	(B) Service of a public library
	(C) Both
	(D) None
Q. No.24)	Informal self education is possible in what kind of library?
	(A) National Library
	(B) Public Library
	(C) Specific Library
	(D) College Library
Q. No.25)	What is the next prime number after 5?
	(A) 6
	(B) 7
	(C) 9
	(D) 11
Q. No.26)	Which is the largest number in 15/17, 15/18, 15/19, 15/21?
	(A) 15/17
	(B) 15/18
	(C) 15/19
	(D) 15/21
Q. No.27)	In a two digit number, the digit in the unit's place is two more than the three times of the digit in ten's place. If the sum of the two digits is 6, the number is
	(A) 51
	(B) 24
	(C) 15
	(D) 42
Q. No.28)	Take out the wrong number from the given series. 3, 4, 9, 33, 136, 685, 4116
	(A) 33
	(B) 136
	(C) 9
	(D) 685
Q. No.29)	The wages of 10 workers for a six-day week is \$ 1200. What are the one day's wages of 4 workers?
	(A) \$ 40
	(B) \$ 32
	(C) \$ 80
	(D) \$ 24
Q. No.30)	The least number of five digits which is completely divisible by 39, is
	(A) 10101
	(B) 10062
	(C) 10016
	(D) 10023

Q. No.31)	A car covers a distance of 200km in 2 hours 40 minutes, whereas a jeep covers the same distance in 2 hours. What is the ratio of their speed?
	(A) 3:4
	(B) 4:3
	(C) 4:5
	(D) 5:4
Q. No.32)	A number is greater than 3 but less than 8. Also the number is greater than 6 but less than 10. What is the number?
	(A) 5
	(B) 6
	(C) 7
	(D) 8
Q. No.33)	RQP, ONM, _, IHG, FED, find the missing letters.
	(A) CDE
	(B) LKI
	(C) LKJ
	(D) BAC
Q. No.34)	PETAL: FLOWER
	(A) Pen: Paper
	(B) Engine: Car
	(C) Cat: Dog
	(D) Ball: Game
Q. No.35)	I. All the colleges in the city had to keep closed for three days a week. II. Many students have left the local colleges.
	(A) Statement II is the cause and statement I is its effect
	(B) Statement I is the cause and statement II is its effect
	(C) Both the statements are effects of independent causes
	(D) Both the statements are independent causes
Q. No.36)	Which word does not belong to others?
	(A) Inch
	(B) Kilogram
	(C) Centimeter
	(D) Yard
Q. No.37)	Pointing to a photograph, a man said, "I have no brother and that man's father is my father's son." Whose photograph was it?
	(A) His son
	(B) His own
	(C) His father
	(D) His nephew
Q. No.38)	Arrange the following words in a meaningful sequence. 1. Infection 2. Consultation 3. Doctor 4. Treatment 5. Recovery
	(A) 1, 3, 4, 5, 2
	(B) 1, 3, 2, 4, 5
	(C) 1, 2, 3, 4, 5

	(D) 2, 3, 5, 1, 4
Q. No.39)	Peter is in the East of Tom and Tom is in the North of John. Mike is in the South of John then in which direction of Peter is Mike?
	(A) South-East
	(B) South-West
	(C) South
	(D) North-East
Q. No.40)	Questionnaire is a :
	(A) Research method
	(B) Measurement technique
	(C) Tool for data collection
	(D) Data analysis technique
Q. No.41)	UNESCO assisted Model Public Library in India is located at :
	(A) Kolkata
	(B) Delhi
	(C) Mumbai
	(D) Chennai
Q. No.42)	If in a certain language, NOIDA is coded as OPJEB, how is DELHI coded in that language?
	(A) CDKGH
	(B) EFMIJ
	(C) FGNJK
	(D) IHLED
Q. No.43)	Assertion (A): James Watt invented the steam engine. Reason (R): It was invented to pump out the water from the flooded mines.
	(A) Both A and R are true and R is the correct explanation of A.
	(B) Both A and R are true, but R is not the correct explanation of A.
	(C) A is true, but R is false.
	(D) A is false, but R is true.
Q. No.44)	Select Correct Word
	(A) Agressive
	(B) Agrressive
	(C) Aggressive
	(D) Aggresive
Q. No.45)	Select Correct Word
	(A) Iminent
	(B) Imminent
	(C) Iminnent
	(D) Imineent
Q. No.46)	Find the synonym of the Predominant
	(A) Prevailing
	(B) Inferior
	(C) Minor
	(D) Secondary
Q. No.47)	Find the synonym of the following word Contempt

	(A) Approval
	(B) Regard
	(C) Sanction
	(D) Repugnance
Q. No.48)	Why are ethical issues important in research?
	(A) They will help me pass the assignment
	(B) They indicate what the researcher ought to do and how they should treat people
	(C) They help the researcher write up their research
	(D) They indicate that all people are very sensitive
Q. No.49)	What is an ethics committee?
	(A) People who like to talk a lot
	(B) A group of people who think about hypothetical research
	(C) A group of experienced people who will consider a research proposal and the degree to which ethical issues have been considered appropriately
	(D) A group of experienced people who are useful to draw on when writing a proposal as an optional extra
Q. No.50)	In research, what is a 'gatekeeper'?
	(A) A nursery manager
	(B) A parent
	(C) The person who opens the gate to a nursery each morning
	(D) Anyone whose permission must be sought before undertaking research
