



BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme - Bachelor of Science in Medical Radiology & Imaging Technology

Course Name – Research Methodology

Course Code - BMRIT603

(Semester VI)

Time: 1 Hr.15 Min.

Full Marks: 60

[The figure in the margin indicates full marks.]

Group-A

(Multiple Choice Type Question)

1 x 60=60

Choose the correct alternative from the following:

- (1) What is the major attribute of Correlation Analysis?
 - a) Association among variables

b) Difference among variables

c) Regression among variables

- d) Variations among variables
- (2) What is the name of the conceptual framework in which the research is carried out?
 - a) Research hypothesis

b) Synopsis of Research

c) Research paradigm

- d) Research design
- (3) What is the main role of research in education?
 - a) To upsurge one's social status.

- b) To increase one's job prospects.
- c) To augment one's personal growth.
- d) To help an applicant in becoming a renowne d educationalist.
- (4) Which of the following features are considered as critical in qualitative research?
 - a) Collecting data with the help of standardized research tools.
- b) Design sampling with probability sample tec hniques.
- c) Collecting data with bottom-up empirical evi dence.
- d) Gathering data with top-down schematic evi dence.
- (5) How is random sampling helpful?
 - a) Reasonably accurate

b) An economical method of data collection

c) Free from personal biases

- d) All of the above
- (6) A research intends to explore the result of possible factors for the organization of effect ive mid-day meal interventions. Which research method will be most appropriate for th is study?
 - a) Descriptive survey method

b) Historical method

c) Ex-post facto method

- d) Experimental method
- (7) In order to pursue the research, which of the following is priorly required?

a) Developing a research design	b) Formulating a research question	
c) Deciding about the data analysis procedure	d) Formulating a research hypothesis	
(8) The format of thesis writing is the same as in		
a) Writing of Seminar representation	b) Preparation of research paper/article	
c) A research dissertation	d) Presenting a workshop/conference paper	
(9) Which one among the following statements is rch?	false in the context of participatory resea	
a) It recognizes knowledge as power	b) It is a collective process of inquiry	
c) It emphasizes people as experts	d) Its sole purpose is the production of knowled ge	
(10) Which one among the following statement is heses?		
 a) It is only the alternative hypotheses that can be tested. 	 b) It is only the null hypotheses that can be test ed. 	
c) Both the alternative and the null hypotheses can be tested.	d) Both the alternative and the null hypothesescannot be tested.	
(11) What are the conditions in which Type-I error	occurs?	
 a) The null hypotheses get accepted even if it is false 	 b) The null hypotheses get rejected even if it is true 	
 c) Both the null hypotheses as well as alternative hypotheses are rejected 	d) None of the above	
(12) What does the longitudinal research approach	actually deal with?	
a) Long-term research	b) Short-term research	
c) Horizontal research	d) None of the above	
(13) What do you understand by the term "Anusand	dhan"? Barasay	
a) Goal-oriented	b) Following an aim	
c) Attaining an aim	d) Praying to achieve an aim	
(14) Which of the following does not correspond to	characteristics of research?	
a) Research is not passive	b) Research is systematic	
c) Research is not a problem-oriented	' d) Research is not a process	
(15) A researcher is interested in studying the pros rban area. So, what tool should he prefer for the		
a) Rating Scale	b) Interview	
c) Questionnaire	d) Schedule	
(16) The conclusions/findings of which type of resations?	search cannot be generalized to other situ	
a) Casual Comparative Research	b) Historical Research	
c) Descriptive Research	d) Experimental Research	
(17) How to judge the depth of any research?		
a) By research title	b) By research duration	
c) By research objectives	d) By total expenditure on research	
(18) Who can successfully conduct Research?		
a) Someone who is a hard worker	b) Possesses post-graduation degree	
c) Has studied research methodology	d) Possesses thinking and reasoning ability	
(19) Which of the following is not the method of R		
W.	tosouron.	
a) Survey	b) Historical	

c) Observation	d) Philosophical	
(20) A research problem is feasible only when		
a) It has utility and relevance	b) It is new and adds something to knowledge	
c) It is researchable	d) All of the above	
(21) Circle graphs are used to show	•	
a) How is one part related to other parts?	b) How various sections s	hare in the whole?
c) How is one whole related to another whole?	d) How are various parts	
(22) Authenticity of a research finding is its	,	
a) Validity	b) Objectivity	
c) Originality	d) All of the above	LIBRARY Brainware University
(23) Which one is called non-probability sampling?	,	Barasat, Kolkata - App 125
a) Quota sampling	b) Cluster sampling	
c) Systematic sampling	d) Stratified random samp	oling .
(24) "Sampling Cases" can be defined as	э, чээнээ н чэнээн эмнэр	······ ·
a) Sampling using a sampling frame	b) Identifying people who are suitable for resea	
c) Literally the researcher's brief case	d) A sampling of people, in programs etc.	newspapers, televisio
(25) Which technique is generally followed when the		
a) Systematic Sampling Technique	b) Purposive Sampling Te	chnique ·
c) Area Sampling Technique	d) None of the above	
(26) Research problem is selected from the standpoint		
a) Social relevance	b) Financial support	
c) Researcher's interest	d) Availability of relevant	literature
(27) The F-test:	•	
a) Is essentially a two-tailed test.	b) Is essentially a one-taile	ed test.
 c) Can be one-tailed as well as two-tailed depending on the hypotheses. 	d) Can never be one tailed	test.
(28) Which one among the following is the most con	nprehensive source of popula	ation data?
a) Census	b) National Sample Surveys	
c) Demographic Health Surveys	d) National Family Health	
(29) The process not needed in experimental researc	h is	
a) Controlling	b) Observation	
c) Reference collection	d) Manipulation and replic	eation
(30) What are those conditions where a research prob	olem is not viable?	action
a) It is new and adds something to knowledge	b) It can be researched	
c) It has utility and relevance	d) It contains dependent as bles	nd independent varia
(31) How can we enhance the research objective?		
a) By making it more valid	b) By making it more relia	hla
c) By making it more impartial	d) All of the above	
(32) Which one among the following falls under the	category of research devolu-	Smant?
a) Descriptive Research	b) Philosophical Research	
c) Action Research	d) All of the above	

(33) Which one among the following variables canno		
a) Numerical Aptitude	b) Marital Status	
c) Socio-economic Status	d) Professional Attitude	
(34) The "Sociogram" technique is used to study		
a) Vocational Interest	b) Human Relations	
c) Professional Competence	d) Achievement Motivation	
(35) Which one among the following phrases does no h as a process?	ot correspond to the meaning of researc	
a) Problem Solving	b) Trial and Error	
c) Objective Observation	d) Systematic Activity	
(36) Which of these is not a method of data collection	d) Systematic Activity n b) Interviews Beenset, Konstanting 5	
a) Questionnaries	b) Interviews Brokeville 5	
c) Experiment	d) Observation	
(37) The purpose of the research proposal is		
a) To discuss the research efforts of others who	b)	
have worked on related management questio	b) To generate monetary sources for the organi zation	
 c) To present management question to be resear ched and its importance 	d) None of these	
(38) A proposal is also known as a	1	
a) Work plan	b) Prospectus	
c) Draft plan	d) All of these	
(39) Secondary data can almost always be obtained	more quickly and at a lower cost than	
a) Research	b) Primary	
c) Collective	d) Tertiary	
(40) Census reports used as a source of data is		
a) Primary	b) Secondary	
c) Organised	d) None of these	
(41) Which of the following describe the middle par	rt of a group of numbers?	
• /	b) The Measure of Central Tendency	
c) The Measure of Association	d) The Measure of Shape	
(42) The Measure of Shape	•	
a) Continuous Variable	b) Qualitative Variable	
c) Collective variable	d) Discrete variable	
(43) The literature review that the researcher writes		
a) Conceptual framework for the research proje	b) Theoretical framework for the research project	
 c) Methodological framework for the research project 	d) Analytical framework for the research proje	
(44) The annual number of female death per 1 lakh ravated by pregnancy or its management is known	live birth for any cause related to or agg own as	
a) Maternal mortality rate	b) Crude birth rate	
c) Infant mortality rate	d) Life expectancy	
(45) Mortality means	•	
a) Birth	b) High standard of life	

c) Death	d) Expectations
(46) A survey research methodology is particularly t	•
a) Continuous Variable	b) Very large populations and geographically se attered populations
c) Women Work force	d) Male Work force
(47) Data is	*
 a) Always difficult to source for a research project 	 b) Information or evidence gathered for a research project
 c) Always complex when used in a research pr oject 	d) All of these Brainware University Barnsat, Kolketa - Parts
(48) Social research is	DSIDSAL NUNALU -XIII)
a) About statistical analysis	b) Done by sociologists
 c) About investigating some aspect of the social world 	d) Always complex and difficult to understand
(49) "Health is a state of complete physical, mental a e absence of disease or infirmity" is the popular	
a) NAFTA	b) WTO
c) UNO	d) WHO
(50) The branch of biology and medicine dealing wind its specific secretions known as hormones.	th the endocrine system, its diseases, an
a) Endocrinology	b) Neurology
c) Nephrology	d) Entomology
(51) The branch of medicine dealing with the skin.	•
a) Endocrinology	b) Dermatology
c) Nephrology	d) Entomology
(52) The process whereby a person is made immune ically by the administration of a vaccine	or resistant to an infectious disease, typ
a) Hospitalization	b) Immunization
c) Nutrition	d) None of these
(53) The variable "Taste" can be regarded as being, i	n general
a) qualitative and nominal level	b) discrete variable
c) Collective	d) Tertiary
(54) Type of central tendency measures which divide	es data set into four equal parts is
a) Qualitative and nominal level	b) Percentile
c) Quartile	d) Decile
(55) Type of central tendency measures which divide	
a) Median	b) Percentile
c) Quartile	d) Decile
(56) For individual observations, reciprocal of arithm	netic mean is called
a) harmonic mean	b) arithmetic mean
c) geometric mean	d) Mode
(57) Method used to compute average or central value	e of collected data is considered as
a) measures of central tendency	b) measures of negative Skewness
c) measures of negative variation	d) None of these
(58) The measure of Dispersion can never be	

a) 0 b) 1
c) negative d) positive

(59) Which of the following is not a measure of dispersion?
a) Skewness b) Variance
c) Range d) Quartile Deviation

(60) Examples of applications of range in real world includes
a) weather forecasts b) quality control
c) fluctuation in share prices d) All of these

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