In which of the following aspects a group and a crowd differ from each other?
- Intimacy
- size
- Organisation
- suggestibility

Personalized system of Instruction is also called as:-
- Peterson’s plan
- Bloom's plan
- Keller's Plan
- Miller's Plan

Education aims at the all round development and training of Individual’s head, heart and hand. This statement was made by:-
- Rousseau
- Froebel
- Mahatma Gandhi
- Swami Vivekananda

The National Talent Search (NTS) examination is conducted every year by:-
- NCERT
- University Grants commission
- Navodaya Vidyalaya Samiti
- CBSE

Type II error means:-
- Accept null hypothesis, when there is true difference
- Reject null hypothesis when there is true difference
- Accept null hypothesis, when there is no true difference
Reject null hypothesis, when there is no true difference

6 of 100
127 PU_2015_151
Identify which of the following is the highest level of moral development when an individual:

- Acts according to internal standards socially accepted
- Acts to please others
- Respects authority
- Obey to get rewards

7 of 100
219 PU_2015_151
The approach which studies personality in terms of deeper motivational aspects is known as:

- Projective approach
- Trait approach
- Type approach
- Social approach

8 of 100
133 PU_2015_151
Establishing District Institute of Education & Training was recommended by:

- National commission on Teachers, 1983
- National Policy on Education, 1986
- Education Commission, 1964-66

9 of 100
195 PU_2015_151
The mean computed for data collected from the entire population is a:

- Non-parameter
- Parameter
- Parametric
- Statistic

10 of 100
215 PU_2015_151
The branch of science that talks about the role of society and culture in influencing the development of personality is:

- Social psychology
Socio dynamics
Developmental psychology
Indian psychology

11 of 100
155 PU_2015_151
The group structures are measured most commonly by:-

- Social-distance scale
- Social status
- Sociogram
- Socio-drama

12 of 100
109 PU_2015_151
Which of the following is used as hardware instructional aid?

- Chalkboard
- Software packages
- Films
- Projectors

13 of 100
179 PU_2015_151
Difficulty value of a test item is found out through:-

- Content analysis
- Curriculum analysis
- Item analysis
- Trend analysis

14 of 100
161 PU_2015_151
SPSS stands for which of the following?

- Statistical Problem solved Smart
- Simple Program for Statistics and Science
- Sample Package for Science Statistics
- Statistical Package for the Social Sciences

15 of 100
159 PU_2015_151
Establishment of multipurpose schools was recommended by:-

- Kothari
Hunter commission
Mudaliar commission
Radhakrishnan Commission

16 of 100
209 PU_2015_151
Who devised the social distance scale?
Thurstone
Bogardus
Likert
Guttman

17 of 100
135 PU_2015_151
Which one is NOT the principle of preparing programme learning material in linear style?
Providing opportunities for making more errors so that they can be corrected
Small steps
Taking care to see that minimum errors are made by the learners
Knowledge of results

18 of 100
175 PU_2015_151
The school of psychology which holds that psychology should help individual to actualise his potentialities is:-
Humanism
Psycho-analysis
Behaviourism
Gestalt

19 of 100
147 PU_2015_151
Consistency of a test indicates:-
Objectivity
Practicability
Validity
Reliability

20 of 100
111 PU_2015_151
The terms LAN, MAN and WAN used in the field of networking signify:-
Area covered by a network
- Completely connected network
- Ring networks
- Star networks

21 of 100
173 PU_2015_151
Encoding action based information and storing it in our memory is the evidence of:-
- Symbolic learning
- Intuitive learning
- Enactive learning
- Iconic learning

22 of 100
171 PU_2015_151
The theory of social constructivism is proposed by:-
- Bruner
- Bloom
- Piaget
- Vygotsky

23 of 100
211 PU_2015_151
The Indian approach to planning is:-
- Democratic
- Totalitarian
- Communistic
- Dictatorial

24 of 100
115 PU_2015_151
A cross break table is a graphic way to report a relationship between two or more:-
- Categorical variables
- Quantitative variables
- Dependent variables
- Independent variables

25 of 100
137 PU_2015_151
Which of the following is a concept of Gestalt theory of learning?
Contiguity
Reinforcement
Structuring
Modelling

26 of 100
187 PU_2015_151
Jung used the following tests for detecting 'complexes' or areas of 'emotional conflict':-
- Thematic apperception test
- Inventory
- Word association test
- Rorschach's Ink-bolt test

27 of 100
165 PU_2015_151
A view that 'anything can be taught at any stage of development' is proposed by:-
- D. Ausubel
- J. Bruner
- B.F. Skinner
- Jean Piaget

28 of 100
181 PU_2015_151
Placing blame upon others for one's own difficulties is a defence mechanism called as:-
- Repression
- Projection
- Rationalization
- Identification

29 of 100
105 PU_2015_151
In Piaget's model of Human development, when does abstract thinking emerge?
- Preoperational stage
- Concrete operational stage
- Sensory motor stage
- Formal operation stage

30 of 100
149 PU_2015_151
The main aim of idealistic education is:-
Creation of Intuition
To be practical
Self realisation
Physical development

31 of 100
157 PU_2015_151
Which term among the following indicate the arrangements by means of which the values and norms are communicated and instilled in people:-

☐ Social Control
☐ Social stratification
☐ Social tradition
☐ Social norms

32 of 100
139 PU_2015_151
Expert sampling is also known as:-

☐ Quota sampling
☐ Incidental sampling
☐ Parametric sampling
☐ Purposive sampling

33 of 100
129 PU_2015_151
According to Piaget, awareness of self develops at:-

☐ Sensory motor stage
☐ Pre-operational stage
☐ Concrete operational stage
☐ Formal operational stage

34 of 100
213 PU_2015_151
The percentage of reservation for women in Panchayat Raj institutions is:-

☐ 50
☐ 10
☐ 33
☐ 40

35 of 100
131 PU_2015_151
"Learning starts from disequilibrium of mind" Who proposed this notion?

☐ Skinner
☐ Piaget
☐ Pavlov
☐ Bruner

36 of 100
141 PU_2015_151
Median is used when the:-
☐ Most frequently repeated score is required
☐ Reliable measure of average is required
☐ Distribution is skewed
☐ Distribution is normal

37 of 100
125 PU_2015_151
Theory of multiple intelligences has been propounded by:-
☐ Robert Stemberg
☐ Arthur Jensen
☐ Howard Gardner
☐ Guilford J.P.

38 of 100
103 PU_2015_151
When sociologists study the structure of layers in society and people's movement between them, they call this:-
☐ Social stratification
☐ Social conflict
☐ Social solidarity
☐ Social control

39 of 100
201 PU_2015_151
According to Allport, the basic unit of personality is:-
☐ Cognition
☐ Emotion
☐ Type
☐ Trait

40 of 100
An unconscious process by which a new born child learns values, beliefs, rules and regulations of society is known as:-

- Assimilation
- Acculturalization
- Enculturation
- Socialization

41 of 100

Analytical school of Philosophy was propounded by:-

- Bertrand Russell
- Plato
- R.S. Peters
- Pestalozzi

42 of 100

Which one of the following pairs of author is associated with models of teaching?

- Joyce and Bruner
- Ausubel and Weil
- Joyce and Weil
- Joyce and Skinner

43 of 100

The organised forms of social behaviour and their repetition are called:-

- Culture
- Norms
- Values
- Customs

44 of 100

If a test measures well, what it intends to measure, then the test is said to have:-

- Validity
- Reliability
- Feasibility
- Objectivity
According to Adler, Creative self is responsible for:
- Intelligence
- Creativity
- Shaping one's style of life
- Self Concept

The chi-square test is the non-parametric technique most commonly used to analyze:
- Descriptive data
- Quantitative data
- Qualitative data
- Categorical data

Which among the following is the highest level of significance 0.01, 0.002, 0.05, 0.001?
- 0.05
- 0.01
- 0.001
- 0.002

Sri Aurobindo's philosophy of education is called:
- Integral education
- Spiritual education
- Yoga education
- Divine education

Ogive means:
- Frequency curve
- Cumulative frequency curve
- Frequency polygon
- Cumulative percentage frequency polygon
Which of the following is not due to intellectual deficiency?
- Mongolism
- Under achievement
- Slow learning
- Cretinism

Which technique was developed by Mereno to analyse group structure and interaction?
- Psycho-drama
- Behaviour Therapy
- Psychometry
- Sociometry

The psychological condition which results from inability to choose between alternate goals is called:
- Frustration
- Conflict
- Stress
- Anxiety

In case of Nominal Data, the most appropriate graphical representation would be through:
- frequency polygon
- cumulative frequency curve
- histogram
- Bar diagram

According to Kohlberg, moral judgement of children depends on:
- Friends
- Parents
- Society
- Intellectual development of the child
Explanation of transfer of learning in terms of Generalisation was given by:
- Judd
- Guthrie
- Tolman
- Kohler

A reliable instrument is one that gives:
- accurate results
- positive results
- valid results
- consistent results

Which of the following research designs are used in Cross cultural studies?
- Case study design
- Experimental design
- Longitudinal design
- Comparative design

On whose recommendation was English education introduced for the first time in India?
- Hartog committee report
- Macaulay's Minutes
- Sargent report
- Hunter committee report

A Para Teacher is:
- A teacher in a Private school
- A teacher on contract in Govt schools
- An assistant to the main teacher
- A teacher who is not qualified
The social mobility due to wider social changes is called:

- Horizontal mobility
- Group mobility
- Structural mobility
- Upward social mobility

If \( d^2 = 32 \) and \( N = 7 \) in given data, what will be the Spearman's coefficient of correlation?

- 0.34
- 0.75
- 0.43
- 0.57

Whenever a researcher analyses the data with the help of t-test, t-value:

- Is always negative
- Is always positive
- May be negative
- May be positive

What is the main defect of pre or quasi experimental studies?

- Lack of external validity
- Lack of reliability
- Lack of internal validity
- Lack of objectivity

Identify the categorical variable from the given variables:

- Curiosity
- Fluency in French
- Eye color
- Writing ability
Why did Adler call sublimation "the healthy defense mechanism"?

- It is the result of higher education
- It protects the ego from damage
- It provides a harmless but pleasant change of mood and emotion
- It benefits humanity

Which of the following is Discrete variable?

- Height
- Age
- Locality
- Attitude Towards Science

Statistical hypothesis is NOT usually used in :-

- Ex-facto research
- Experimental research
- Evaluative research
- Descriptive research

In which kind of research manipulation of variables is not necessary?

- Ethnographic Research
- Action Research
- Experimental Research
- Causal comparative Research

In an experimental design, the dependent variable is:-

- The one that is manipulated in order to observe any effect on the other
- A measure of the extent to which personal values affect the research
- An ambiguous concept whose meaning depends on how it is defined
- The one that is not manipulated and in which any changes are observed
Level of significance indicates:-
- Type of Hypothesis
- Precision of measuring tools
- Error tolerance
- Nature of distribution

If an individual is self disciplined, to which level of moral development does he correspond to?
- pre-conventional
- Conventional
- pre-moral
- post-conventional

At what stage of research the study of related literature is least relevant?
- Data analysis
- Data collection
- Statement of problem
- Identification of problem

Ravi is working as a peon in a school. He is doing a course in business management to become a marketing manager. This process is an attempt for:-
- Educational attainment
- Educational progress
- Educational mobility
- Social equality

A test is designed by a teacher to measure clearly defined expected level of achievement of students in his/her class. Such a test can more appropriately be called as:-
- Standardised
- Teacher made
- Norm-referenced
Systematic sampling refers to the pattern where:-
- Each member of the population does not have an equal chance of being selected
- Every \( n^{th} \) individual in the population list is selected for inclusion in the sample
- The researcher selects sample based on the specific purpose of the research
- Groups rather than individuals are selected

Which of the following is NOT a part of programmed learning?
- Active responding
- Learning by creating
- Self Pacing
- Small steps

Which of the following is the most appropriate series for a variable measured on Interval Scale:-
- Dichotomous series
- Discrete series
- Discontinuous series
- Continuous series

Instrumentation in a research involves:-
- Different types of measurement scales
- The selection of the instrument and the condition under which it will be administered
- Different types of scores
- Data collection and data analysis

What is the communication style when it occurs between teacher and students directly in an on-line chat room or through live audio-video conferencing?
- Online
- Synchronous
An ability to manage one's own thinking and problem solving is the outcome of his/her:
- Frames of mind pertaining to a subject
- Metacognitive skills
- Speed of processing knowledge
- Experimental Intelligence

According to Tolman’s Sign-learning, which of the following element is most important in learning?
- Mental mapping
- Reinforcement
- Conditioning
- Trial and error

While doing item analysis in developing an attitude scale, the researcher has to:
- Calculate discrimination index
- Calculate difficulty value
- Calculate both difficulty value as well as discrimination index
- Neither calculate difficulty value nor discrimination index

A baby dies within the first four weeks of life. This phenomenon is called:
- Fertility
- Mortality
- Post-neonatal mortality
- Neonatal mortality

Statistical hypothesis is not usually used in:
- Experimental research
- Ex-facto-research
Descriptive research
Descriptive research

Which of the following theory supported the view of "Independent types of intelligence that grow and develop differently in different people"?

- Multiple intelligence
- Group factor theory of intelligence
- Two factor theory
- Structure of intellect

The principle experimental design is:-

- To only maximise treatment variance
- To minimise error variance
- To maximise treatment variance and minimise error variance
- To only minimise treatment variance

A null hypothesis was not rejected at 0.05 level of significance. The probability of occurrence by chance of the same observation is:-

- 5 in 100 or less
- More than 5 in 100
- Less than 5 in 100
- 5 in hundred or more

'Think of as many uses as possible for a brick'. This test item measures:-

- Creativity
- Aptitude
- Attitude
- Intelligence

Which of the following technique can be used to analyse qualitative data?

- Sign Test
90 of 100
270 PU_2015_151
Self questioning technique is a step towards:-
- Cognition
- Meta cognition
- Knowledge development
- Educational development

91 of 100
290 PU_2015_151
When the population is heterogeneous, the most appropriate technique of sampling is:-
- cluster sampling method
- Random sampling method
- quota sampling method
- stratified sampling method

92 of 100
278 PU_2015_151
Which of the following statements expresses the pragmatic point of view?
- The basic principle of life and education is growth
- Values are not the creation of man
- Truth cannot be created, but can be discovered
- Knowledge for sake of knowledge

93 of 100
286 PU_2015_151
What is the reaction of a one and a half year old child when he sees the snake for the first time?
- Moves away from it
- Exhibits curiosity and moves towards it
- Calls mother for help
- Screams "snake!"

94 of 100
260 PU_2015_151
Level of significance indicates:-
- error tolerance
Keeping degree of freedom fixed, with the increase in level of significance, the standard table values are found to:
- Decrease
- Increase
- Remain unchanged
- Have no fixed trend

Which one of the following is a non-empirical educational research?
- Historical Research
- Philosophical Research
- Survey Research
- Experimental Research

Which of the following is the lowest level of significance?
- 0.01
- 0.002
- 0.005
- 0.02

If achievement scores are homogenous, then standard deviation of these scores will be:
- Equal to zero
- More than one
- Less than one
- More than zero

India has embarked on the process of:
A socialist path of mixed economy
A bureaucratic path of economic development
A communist path of economic development
A totally capitalist path of economic development

100 of 100

'Triangulation' in research means:-

- Interaction effect of three independent variables on a dependent variable
- Quantitative aggregation of many research findings
- Use of combined quantitative and qualitative approaches to solve a research problem
- Synthesizing research findings from three different perspectives