

DU PhD in Physical Education

Topic:- PE PHD S2

1) Classifying a person on the basis of his attribute is an example of

[Question ID = 7279]

1. Continuous Variable [Option ID = 29110]
2. Random Variable [Option ID = 29111]
3. Categorical Variable [Option ID = 29112]
4. Discrete Variable [Option ID = 29113]

Correct Answer :-

- Random Variable [Option ID = 29111]

2) Which of the following validity involves systematic examination of the test content to determine whether it covers a representative sample of the behavior domain to be measured?

[Question ID = 7280]

1. Content Validity [Option ID = 29114]
2. Face Validity [Option ID = 29115]
3. Construct Validity [Option ID = 29116]
4. Factorial Validity [Option ID = 29117]

Correct Answer :-

- Content Validity [Option ID = 29114]

3) Sampling in the survey research depends upon

[Question ID = 7281]

1. Principle of randomization only [Option ID = 29118]
2. Principle of representativeness only [Option ID = 29119]
3. Principle of optimization only [Option ID = 29120]
4. Principles of representativeness and optimization [Option ID = 29121]

Correct Answer :-

- Principle of randomization only [Option ID = 29118]

4) In which of the following sampling techniques, the researcher has an unlimited option in terms of sample size and sampling schedule?

[Question ID = 7282]

1. Convenience sampling [Option ID = 29122]
2. Sequential sampling [Option ID = 29123]
3. Consecutive sampling [Option ID = 29124]
4. Quota Sampling [Option ID = 29125]

Correct Answer :-

- Sequential sampling [Option ID = 29123]

5) A study in which participants do not know whether they are receiving the experimental or control treatment is called

[Question ID = 7283]

1. Double blind set up [Option ID = 29126]
2. Blind set up [Option ID = 29127]
3. Threat to internal validity [Option ID = 29128]
4. Multiple treatment interference [Option ID = 29129]

Correct Answer :-

- Blind set up [Option ID = 29127]

6) Research designs in which the experimenter tries to fit the design to real word settings while still controlling as many of the threats to internal validity as possible in called

[Question ID = 7284]

1. Randomized group design [Option ID = 29130]
2. Quasi-experimental design [Option ID = 29131]
3. Time-experimental design [Option ID = 29132]
4. Pre-experimental design [Option ID = 29133]

Correct Answer :-

- Quasi-experimental design [Option ID = 29131]

7) A factor that could affect the relationship between the independent and dependent variables but that is not included or controlled is called

[Question ID = 7285]

1. Moderator Variable [Option ID = 29134]

2. Extraneous Variable [Option ID = 29135]
3. Data cleaning factor [Option ID = 29136]
4. Controlled variable [Option ID = 29137]

Correct Answer :-

- Extraneous Variable [Option ID = 29135]

8) Which of the following method is not used by the psychologists in conducting qualitative research?

[Question ID = 7286]

1. Participant observation [Option ID = 29138]
2. Action Research [Option ID = 29139]
3. Experimentation [Option ID = 29140]
4. Interview [Option ID = 29141]

Correct Answer :-

- Experimentation [Option ID = 29140]

9) In which of the following is not a technique of non-probability sampling?

[Question ID = 7287]

1. Sequential sampling [Option ID = 29142]
2. Consecutive sampling [Option ID = 29143]
3. Quota Sampling [Option ID = 29144]
4. Cluster sampling [Option ID = 29145]

Correct Answer :-

- Cluster sampling [Option ID = 29145]

10) A research which seeks some immediate practical outcome, the student typically wishes to "Solve a Problem"

[Question ID = 7288]

1. Basic Research [Option ID = 29146]
2. Descriptive Research [Option ID = 29147]
3. Qualitative Research [Option ID = 29148]
4. Applied Research [Option ID = 29149]

Correct Answer :-

- Applied Research [Option ID = 29149]

11) In review of literature there are certain published studies that relate directly to the topic under investigation and are so similar to the subject are called

[Question ID = 7289]

1. Allied literature [Option ID = 29150]
2. Critical literature [Option ID = 29151]
3. Primary literature [Option ID = 29152]
4. Secondary literature [Option ID = 29153]

Correct Answer :-

- Critical literature [Option ID = 29151]

12) A technique for measurement of attitudes where each relevant statement allows for five degrees of response from most to least favorable is called

[Question ID = 7290]

1. Q-sort [Option ID = 29154]
2. Somatic differential scale [Option ID = 29155]
3. Likert Scale [Option ID = 29156]
4. Categorical Response [Option ID = 29157]

Correct Answer :-

- Likert Scale [Option ID = 29156]

13) Research in which samples of participants from different age groups are selected in order to assess the effect of maturation is

[Question ID = 7291]

1. Cohort Problem
[Option ID = 29158]
2. Cross sectional studies
[Option ID = 29159]
3. Longitudinal studies
[Option ID = 29160]
4. Case Studies
[Option ID = 29161]

Correct Answer :-

- Cross sectional studies

[Option ID = 29159]

14) A scale which has a non-gradient classification, that is, there is no numerical basis of grouping is called__

[Question ID = 7292]

1. Continuous Variable [Option ID = 29162]
2. Discontinuous Variable [Option ID = 29163]
3. Non-Parametric Data [Option ID = 29164]
4. Attributes [Option ID = 29165]

Correct Answer :-

- Attributes [Option ID = 29165]

15) A data measured along a scale in which each position is equidistant from one another is

[Question ID = 7293]

1. Ratio Data [Option ID = 29166]
2. Nominal Data [Option ID = 29167]
3. Ordinal Data [Option ID = 29168]
4. Interval Data [Option ID = 29169]

Correct Answer :-

- Interval Data [Option ID = 29169]

16) The variables which are capable of taking an ordered set of values with in certain range is called

[Question ID = 7294]

1. Continuous Variable [Option ID = 29170]
2. Random Variable [Option ID = 29171]
3. Ratio Variable [Option ID = 29172]
4. Nominal Variable [Option ID = 29173]

Correct Answer :-

- Continuous Variable [Option ID = 29170]

17) The number of independent pieces of data or scores that are used to estimate a parameter is called

[Question ID = 7295]

1. Test Statistics [Option ID = 29174]
2. Degrees of Freedom [Option ID = 29175]
3. P-Value [Option ID = 29176]
4. Level of Significance [Option ID = 29177]

Correct Answer :-

- Degrees of Freedom [Option ID = 29175]

18) A Variable which needs to be held constant so that its effect is the same for all conditions is called__

[Question ID = 7296]

1. Organismic Variable [Option ID = 29178]
2. Control Variable [Option ID = 29179]
3. Subject Variable [Option ID = 29180]
4. Dependent Variable [Option ID = 29181]

Correct Answer :-

- Control Variable [Option ID = 29179]

19) If the Mean Sum of the Square with in group is 12 and the Mean Sum of the Square between groups is 72 then what will be the value of "F"?

[Question ID = 7297]

1. 0.16
[Option ID = 29182]
2. 2.16
[Option ID = 29183]
3. 5
[Option ID = 29184]
4. 6
[Option ID = 29185]

Correct Answer :-

- 6

[Option ID = 29185]

20) Which of the following tests is a parametric test?

[Question ID = 7298]

1. χ^2 -test
[Option ID = 29186]
2. U-test
[Option ID = 29187]
3. H-test
[Option ID = 29188]
4. t-test
[Option ID = 29189]

Correct Answer :-

- t-test
[Option ID = 29189]

21) Experimental method of research is designed to determine

[Question ID = 7299]

1. Causal relations among factors [Option ID = 29190]
2. Whether we can solve all problems experimentally [Option ID = 29191]
3. Why things happen the way they do [Option ID = 29192]
4. How empirical evidence explains a phenomenon [Option ID = 29193]

Correct Answer :-

- Causal relations among factors [Option ID = 29190]

22) If an independent variable, for example, is new treatment for hyper-tension, then the dependent variable might be patient's

[Question ID = 7300]

1. Cardiac output [Option ID = 29194]
2. Heart beat [Option ID = 29195]
3. Blood pressure [Option ID = 29196]
4. Stroke volume [Option ID = 29197]

Correct Answer :-

- Blood pressure [Option ID = 29196]

23) The mode is a better measure of central tendency for dealing with

[Question ID = 7301]

1. Ordinal data [Option ID = 29198]
2. Ratio data [Option ID = 29199]
3. Nominal data [Option ID = 29200]
4. Interval data [Option ID = 29201]

Correct Answer :-

- Nominal data [Option ID = 29200]

24) Choose the correct statement from the following:

[Question ID = 7302]

1. T-test and chi-square test are parametric tests [Option ID = 29202]
2. T-test is parametric and chi-square test is non-parametric [Option ID = 29203]
3. T-test and chi-square tests are non-parametric [Option ID = 29204]
4. T-test is non-parametric and chi-square test is parametric [Option ID = 29205]

Correct Answer :-

- T-test is parametric and chi-square test is non-parametric [Option ID = 29203]

25) Chi-square is used for

[Question ID = 7303]

1. Finding magnitude of an association between two attributes [Option ID = 29206]
2. Finding significance of an association between two attributes [Option ID = 29207]
3. Comparing the variation between two attributes [Option ID = 29208]
4. Comparing median of two attributes [Option ID = 29209]

Correct Answer :-

- Finding significance of an association between two attributes [Option ID = 29207]

26) AS per the hierarchy of needs, what is the need for respect from others, and for a sense of accomplishment?

[Question ID = 7304]

1. Esteem [Option ID = 29210]
2. Self-actualization [Option ID = 29211]
3. Socialization [Option ID = 29212]

4. Safety [Option ID = 29213]

Correct Answer :-

- Esteem [Option ID = 29210]

27) Sigmund Freud came out with the notion that sexual adjustment has an impact on overall development of
[Question ID = 7305]

1. Personality [Option ID = 29214]
2. Physical health [Option ID = 29215]
3. Psychological health [Option ID = 29216]
4. Inter-personal relationships [Option ID = 29217]

Correct Answer :-

- Personality [Option ID = 29214]

28) When we draw a circle with the arm and wrist straight, the type of movement we perform is known as
[Question ID = 7306]

1. Rotation [Option ID = 29218]
2. Circling [Option ID = 29219]
3. Circumduction [Option ID = 29220]
4. Perambulation [Option ID = 29221]

Correct Answer :-

- Circumduction [Option ID = 29220]

29) Increased spin on a ball makes it
[Question ID = 7307]

1. Move fast sideward [Option ID = 29222]
2. Resist the force applied [Option ID = 29223]
3. Move in a curved path [Option ID = 29224]
4. Go on swirling all over [Option ID = 29225]

Correct Answer :-

- Move in a curved path [Option ID = 29224]

30) Mitochondria plays an important role in 'cell respiration' and
[Question ID = 7308]

1. Metabolic functions [Option ID = 29226]
2. Production of energy [Option ID = 29227]
3. Elimination of carbon dioxide [Option ID = 29228]
4. Neuro-transmission [Option ID = 29229]

Correct Answer :-

- Metabolic functions [Option ID = 29226]

31) During circulation, the living cells of the body absorb oxygen from
[Question ID = 7309]

1. White blood cells [Option ID = 29230]
2. Red blood cells [Option ID = 29231]
3. Blood platelets [Option ID = 29232]
4. Blood plasma [Option ID = 29233]

Correct Answer :-

- Red blood cells [Option ID = 29231]

32) In which of the following activity-phases does the heart muscle rest?
[Question ID = 7310]

1. Diastole [Option ID = 29234]
2. Systole [Option ID = 29235]
3. Pause [Option ID = 29236]
4. Electrical Stimulation [Option ID = 29237]

Correct Answer :-

- Diastole [Option ID = 29234]

33) Management of an organization cannot achieve its objectives speedily unless the
[Question ID = 7311]

1. Promotional avenues for all sections of employees are adequate [Option ID = 29238]
2. Wage structure of all kinds of workers is rational and judicious [Option ID = 29239]
3. Workers' unions are kept satisfied [Option ID = 29240]
4. Relationship among all incumbents are healthy [Option ID = 29241]

Correct Answer :-

- Wage structure of all kinds of workers is rational and judicious [Option ID = 29239]

34) The number of matches that will be played in the single league tournament if the number of teams is 7.

[Question ID = 7312]

1. 21 [Option ID = 29242]
2. 22 [Option ID = 29243]
3. 23 [Option ID = 29244]
4. 24 [Option ID = 29245]

Correct Answer :-

- 21 [Option ID = 29242]

35) Interactions between people with consequences for every participant

[Question ID = 7313]

1. Cohesion [Option ID = 29246]
2. Social Relationships [Option ID = 29247]
3. Social Involvement [Option ID = 29248]
4. Social Institution [Option ID = 29249]

Correct Answer :-

- Social Relationships [Option ID = 29247]

36) People who at any time consume sport, either directly , through attending an event or indirectly , through exposure to some form of mass media are called

[Question ID = 7314]

1. Fans [Option ID = 29250]
2. Sport Consumers [Option ID = 29251]
3. Sport Broadcasters [Option ID = 29252]
4. Expressive Leaders [Option ID = 29253]

Correct Answer :-

- Sport Consumers [Option ID = 29251]

37) A complex developmental learning process that teaches the knowledge , values, and norms essential to participation in social life is known as

[Question ID = 7315]

1. Social Imitation [Option ID = 29254]
2. Socialization [Option ID = 29255]
3. Deserialization [Option ID = 29256]
4. Nuclear Family [Option ID = 29257]

Correct Answer :-

- Socialization [Option ID = 29255]

38) Planning is a

[Question ID = 7316]

1. Way to involve large number of people in competition. [Option ID = 29258]
2. Predetermined course of action [Option ID = 29259]
3. Way to provide facilities for sports participation. [Option ID = 29260]
4. To distribute workload [Option ID = 29261]

Correct Answer :-

- Predetermined course of action [Option ID = 29259]

39) The major objective of managerial education and training is to

[Question ID = 7317]

1. Orient everyone about organizational objectives [Option ID = 29262]
2. Help the management achieve pre-determined goals [Option ID = 29263]
3. Make official and executive responsive towards public problems [Option ID = 29264]
4. Produce competent administrators and managers in adequate number [Option ID = 29265]

Correct Answer :-

- Produce competent administrators and managers in adequate number [Option ID = 29265]

40) Amongst all the systems of management system, the crucial one under the utmost trying circumstances is

[Question ID = 7318]

1. Communicating with Superiors [Option ID = 29266]
2. Evaluating people's conduct [Option ID = 29267]
3. Doing damage control [Option ID = 29268]
4. Taking right and timely decisions [Option ID = 29269]

Correct Answer :-

- Taking right and timely decisions [Option ID = 29269]

41) The volume of blood pumped by the heart in one beat is called

[Question ID = 7319]

1. Stroke Volume [Option ID = 29270]
2. Heart Rate [Option ID = 29271]
3. Cardiac Output [Option ID = 29272]
4. Blood Pressure [Option ID = 29273]

Correct Answer :-

- Stroke Volume [Option ID = 29270]

42) Acetylcholine is a

[Question ID = 7320]

1. Hormone [Option ID = 29274]
2. Neuro- Transmitter substance [Option ID = 29275]
3. Trace Element [Option ID = 29276]
4. Macro-Nutrient [Option ID = 29277]

Correct Answer :-

- Neuro- Transmitter substance [Option ID = 29275]

43) The resistance to motion of two moving objects or surfaces that touch is called

[Question ID = 7321]

1. Flexion [Option ID = 29278]
2. Projectile [Option ID = 29279]
3. Friction [Option ID = 29280]
4. Extension [Option ID = 29281]

Correct Answer :-

- Friction [Option ID = 29280]

44) Which of the following objects does not serve as a lever?

[Question ID = 7323]

1. A Pulley [Option ID = 29286]
2. A Tennis ball [Option ID = 29287]
3. A Cricket bat [Option ID = 29288]
4. A Screw [Option ID = 29289]

Correct Answer :-

- A Tennis ball [Option ID = 29287]

45) Besides the thrower's body position, what determines the height of implement -discus, shot or javelin- at release/

[Question ID = 7324]

1. Size of the Athlete [Option ID = 29290]
2. Kind of implement [Option ID = 29291]
3. Athlete's footwear [Option ID = 29292]
4. Leverage of upper limb [Option ID = 29293]

Correct Answer :-

- Size of the Athlete [Option ID = 29290]

46) Principles of learning can be used to

[Question ID = 7325]

1. Facilitate learning in a big way [Option ID = 29294]
2. Provide happy learning experiences to students [Option ID = 29295]
3. Understand, analyze and manage human behaviour [Option ID = 29296]
4. Produce Stronger transfer- effects [Option ID = 29297]

Correct Answer :-

- Understand, analyze and manage human behaviour [Option ID = 29296]

47) A sports Psychologist can gain trust, respect and credibility by

[Question ID = 7326]

1. demanding and expecting excellence [Option ID = 29298]
2. establishing lines of confidentiality, clarifying roles and services and agreeing timelines and goals [Option ID = 29299]
3. instructing the client about what is the right thing to do [Option ID = 29300]
4. showing off his or her competence [Option ID = 29301]

Correct Answer :-

- establishing lines of confidentiality, clarifying roles and services and agreeing timelines and goals [Option ID = 29299]

48) All factors that caused group members to remain in the group such as liking for the other members and the desire to maintain or increase one's status by belonging to the right groups is said to be

[Question ID = 7327]

1. Proximity [Option ID = 29302]
2. Similarity [Option ID = 29303]
3. Cooperation [Option ID = 29304]
4. Cohesiveness [Option ID = 29305]

Correct Answer :-

- Cohesiveness [Option ID = 29305]

49) Sociologists believe that the behaviour of an individual invariably carries with it the imprint of the

[Question ID = 7328]

1. An astrological sign under which a person is born
[Option ID = 29306]
2. School peers and neighborhood friends as a child
[Option ID = 29307]
3. Society in which the person is born and brought up
[Option ID = 29308]
4. Social and economic conditions of his family
[Option ID = 29309]

Correct Answer :-

- Society in which the person is born and brought up
[Option ID = 29308]

50) The statistical study of behavior and relationships within social groups, specially expressed in terms of preferences", is known as

[Question ID = 7329]

1. Sociometry [Option ID = 29310]
2. Socio-programming [Option ID = 29311]
3. Socio-diagramming [Option ID = 29312]
4. Sociology [Option ID = 29313]

Correct Answer :-

- Sociometry [Option ID = 29310]