

## DU PhD in Physical Education

Topic:- DU\_J19\_PHD\_PE

**1) A survey technique that uses a series of questionnaires in such a way that the respondents (usually experts) reach a consensus about the subject is called**

**[Question ID = 1943]**

1. Questionnaire method [Option ID = 7769]
2. Case study method [Option ID = 7772]
3. Delphi method [Option ID = 7771]
4. Interview method [Option ID = 7770]

**Correct Answer :-**

- Questionnaire method [Option ID = 7769]

**2) Replication of an experiment helps the researcher to**

**[Question ID = 1944]**

1. Remove bias and other uncontrolled sources of extraneous variation [Option ID = 7773]
2. Obtain a valid estimate of experimental error [Option ID = 7774]
3. Assign experimental units in different groups [Option ID = 7776]
4. Balance and group the experimental units [Option ID = 7775]

**Correct Answer :-**

- Remove bias and other uncontrolled sources of extraneous variation [Option ID = 7773]

**3) Which of the following has least to do with motivation system?**

**[Question ID = 1952]**

1. Habit [Option ID = 7807]
2. Drive [Option ID = 7806]
3. Need [Option ID = 7805]
4. Motive [Option ID = 7808]

**Correct Answer :-**

- Need [Option ID = 7805]

**4) Which of the following sampling techniques includes the characteristics of simple random sampling as well as stratified sampling?**

**[Question ID = 1936]**

1. Quota Sampling [Option ID = 7743]
2. Snowball sampling [Option ID = 7744]
3. Systematic sampling [Option ID = 7741]
4. Cluster sampling [Option ID = 7742]

**Correct Answer :-**

- Systematic sampling [Option ID = 7741]

**5) Which of the following factors is not a reason to prefer taking a sample rather than the whole population?**

**[Question ID = 1934]**

1. Time [Option ID = 7735]
2. Collecting data may be of a destructive nature [Option ID = 7736]
3. Cost [Option ID = 7734]
4. Accuracy [Option ID = 7733]

**Correct Answer :-**

- Accuracy [Option ID = 7733]

**6) Which of the following is not a measure of central tendency?**

**[Question ID = 1928]**

1. Mean [Option ID = 7711]
2. Mode [Option ID = 7712]
3. Quartile [Option ID = 7709]
4. Median [Option ID = 7710]

**Correct Answer :-**

- Quartile [Option ID = 7709]

**7) Which of the following is not a technique of probability sampling?**

**[Question ID = 1946]**

1. Sequential sampling [Option ID = 7783]
2. Multistage sampling [Option ID = 7784]
3. Systematic sampling [Option ID = 7781]
4. Cluster sampling [Option ID = 7782]

**Correct Answer :-**

- Systematic sampling [Option ID = 7781]

**8) Which of the following is not a type of reliability?**

**[Question ID = 1927]**

1. Test-retest [Option ID = 7705]
2. Cronbach's alpha [Option ID = 7706]
3. Construct Validity [Option ID = 7708]
4. Internal Consistency [Option ID = 7707]

**Correct Answer :-**

- Test-retest [Option ID = 7705]

**9)**

**Which of the following is the most powerful technique for studying the cause and effect relationship between variables?**

**[Question ID = 1945]**

1. Field study [Option ID = 7780]
2. Field experiment [Option ID = 7778]
3. Ex-post facto research [Option ID = 7779]
4. Laboratory experiment [Option ID = 7777]

**Correct Answer :-**

- Laboratory experiment [Option ID = 7777]

**10) By what other name is Drive Theory known in motivation psychology?**

**[Question ID = 1951]**

1. Homeostatic [Option ID = 7801]
2. Activation [Option ID = 7804]
3. Drive induction [Option ID = 7803]
4. Arousal [Option ID = 7802]

**Correct Answer :-**

- Homeostatic [Option ID = 7801]

**11) Our kidneys- the major filtration plant of the body - are made up of microscopic structural and functional units called**

**[Question ID = 1963]**

1. Encephalon [Option ID = 7851]
2. Neurons [Option ID = 7850]
3. Nephrons [Option ID = 7849]
4. Engrams [Option ID = 7852]

**Correct Answer :-**

- Nephrons [Option ID = 7849]

**12) When a researcher includes all the available subjects in the sample, the sample is known as**

**[Question ID = 1937]**

1. Purposive sample [Option ID = 7748]
2. Snowball sample [Option ID = 7747]
3. Consecutive sample [Option ID = 7746]
4. Convenience sample [Option ID = 7745]

**Correct Answer :-**

- Convenience sample [Option ID = 7745]

**13) When numerals are assigned to psychological attributes as per the logically accepted rules, it is referred to as**

**[Question ID = 1925]**

1. Psychological Experimentation [Option ID = 7700]
2. Psychological Testing [Option ID = 7697]
3. Psychological Evaluation [Option ID = 7699]
4. Psychological Measurement [Option ID = 7698]

**Correct Answer :-**

- Psychological Testing [Option ID = 7697]

**14) When a sample is obtained by asking a participant, who is initially selected in the sample, to suggest someone else who might be willing or appropriate for the study, the sample is labeled as**

**[Question ID = 1947]**

1. Purposive sample [Option ID = 7788]
2. Sequential sampling [Option ID = 7786]
3. Snowball sampling [Option ID = 7785]
4. Consecutive sampling [Option ID = 7787]

**Correct Answer :-**

- Snowball sampling [Option ID = 7785]

**15) When the tail of the curve on the negative side is more stretched than that of the right tail, the curve will be**

**[Question ID = 1932]**

1. Leptokurtic [Option ID = 7726]
2. Platykurtic [Option ID = 7727]
3. Positively Skewed [Option ID = 7725]
4. Negatively Skewed [Option ID = 7728]

**Correct Answer :-**

- Positively Skewed [Option ID = 7725]

**16) A discriminatory system of restricted contact between races, as in the segregation of different groups of nonwhites in South Africa is**

**[Question ID = 1974]**

1. Discrimination [Option ID = 7896]
2. Capitalism [Option ID = 7893]
3. Apartheid [Option ID = 7894]
4. Cultural Diffusion [Option ID = 7895]

**Correct Answer :-**

- Capitalism [Option ID = 7893]

**17) Kinematics analyzes the effects of**

**[Question ID = 1956]**

1. Time and space of movement [Option ID = 7824]
2. A body's movement in space [Option ID = 7823]
3. Movement of a body [Option ID = 7821]
4. External forces on movement [Option ID = 7822]

**Correct Answer :-**

- Movement of a body [Option ID = 7821]

**18) Two or more events are said to be equally likely**

**[Question ID = 1930]**

1. If one of them cannot be expected to occur in preference to any other event [Option ID = 7719]
2. If events occur in such a way that the occurrence of one does not affect the occurrence of the other. [Option ID = 7720]
3. If the events occur at the same time [Option ID = 7717]
4. If the occurrence of one implies that the other cannot occur [Option ID = 7718]

**Correct Answer :-**

- If the events occur at the same time [Option ID = 7717]

**19) In anatomical language, the heart muscle is called**

**[Question ID = 1960]**

1. Epithelium [Option ID = 7840]
2. Endocardium [Option ID = 7838]
3. Pericardium [Option ID = 7837]
4. Myocardium [Option ID = 7839]

**Correct Answer :-**

- Pericardium [Option ID = 7837]

**20) In an experimental design where there is only one group but attempts to show that the change that occurs when the treatment is administered differs from the times when it is not is a**

**[Question ID = 1940]**

1. Time series design [Option ID = 7760]
2. Static group design [Option ID = 7758]
3. Reversed design [Option ID = 7759]
4. One shot study [Option ID = 7757]

**Correct Answer :-**

- One shot study [Option ID = 7757]

**21) In function, management in an organization is often compared to**

**[Question ID = 1966]**

1. A well-oiled machine [Option ID = 7861]
2. Hub of administration [Option ID = 7862]
3. Brain the human body [Option ID = 7864]
4. A complicated organism [Option ID = 7863]

**Correct Answer :-**

- A well-oiled machine [Option ID = 7861]

**22) With 8 number of teams in Double League Tournament, the number of matches played will be;**

**[Question ID = 1969]**

1. 56 [Option ID = 7875]
2. 7 [Option ID = 7876]
3. 28 [Option ID = 7873]
4. 72 [Option ID = 7874]

**Correct Answer :-**

- 28 [Option ID = 7873]

**23) At the heart of management in any endeavor is discipline which can be established only by**

**[Question ID = 1965]**

1. An external enforcing agency [Option ID = 7858]
2. Strict rules and regulations [Option ID = 7857]
3. High degree holding personnel [Option ID = 7860]
4. Competent, humane and clear-headed leaders [Option ID = 7859]

**Correct Answer :-**

- Strict rules and regulations [Option ID = 7857]

**24) A threat to internal validity where in the participants in the control group try harder just because they are in the control group is called**

**[Question ID = 1939]**

1. Avis effect [Option ID = 7755]
2. Hawthorne effect [Option ID = 7754]
3. Placebo effect [Option ID = 7753]
4. Reactive effect [Option ID = 7756]

**Correct Answer :-**

- Placebo effect [Option ID = 7753]

**25) In one-way ANOVA experiment, the null hypothesis is rejected at 5% level if**

**[Question ID = 1949]**

1. Calculated  $F >$  tabulated  $F_{.05}(r-1, N-r)$  [Option ID = 7795]
2. Calculated  $F \leq$  tabulated  $F_{.05}(r-1, N-r)$  [Option ID = 7794]
3. Calculated  $F \geq$  tabulated  $F_{.05}(r-1, N-r)$  [Option ID = 7793]
4. Calculated  $F <$  tabulated  $F_{.05}(r-1, N-r)$  [Option ID = 7796]

**Correct Answer :-**

- Calculated  $F \geq$  tabulated  $F_{.05}(r-1, N-r)$  [Option ID = 7793]

**26) In which of the sampling techniques, a combination of different sampling methods is used for selecting the sample?**

**[Question ID = 1935]**

1. Multistage sampling [Option ID = 7738]
2. Systematic sampling [Option ID = 7739]
3. Convenience sampling [Option ID = 7740]
4. Stratified sampling [Option ID = 7737]

**Correct Answer :-**

- Stratified sampling [Option ID = 7737]

**27) If the tail on the positive side of the curve is more stretched than the tail in the negative side, the curve will be,**

**[Question ID = 1931]**

1. Leptokurtic [Option ID = 7724]
2. Positively Skewed [Option ID = 7722]
3. Mesokurtic [Option ID = 7723]
4. Negatively Skewed [Option ID = 7721]

**Correct Answer :-**

- Negatively Skewed [Option ID = 7721]

**28) If three group means, having 9 scores in each group, are to be compared, then the degrees of freedom within the group would be**

**[Question ID = 1948]**

1. 12 [Option ID = 7792]
2. 26 [Option ID = 7790]
3. 24 [Option ID = 7791]
4. 27 [Option ID = 7789]

**Correct Answer :-**

- 27 [Option ID = 7789]

**29) Acceleration is defined as change in an object's**

**[Question ID = 1957]**

1. Direction [Option ID = 7826]
2. Position [Option ID = 7825]
3. Velocity [Option ID = 7827]
4. Movement [Option ID = 7828]

**Correct Answer :-**

- Position [Option ID = 7825]

**30) A procedure to evaluate whether the observed effect is produced by the treatment or is a psychological effect is**

**[Question ID = 1938]**

1. Expectancy [Option ID = 7751]
2. Instrumentation [Option ID = 7752]
3. Placebo [Option ID = 7750]
4. Reactive effect [Option ID = 7749]

**Correct Answer :-**

- Reactive effect [Option ID = 7749]

**31) If force is applied off-center to a freely movable object, the object will**

**[Question ID = 1959]**

1. Rotate [Option ID = 7836]
2. Wobble [Option ID = 7833]
3. Drop [Option ID = 7835]
4. Fly off [Option ID = 7834]

**Correct Answer :-**

- Wobble [Option ID = 7833]

**32) In the tennis stroke a "cut" or a "chop", the ball will**

**[Question ID = 1958]**

1. Bounce [Option ID = 7830]
2. Rebound [Option ID = 7832]
3. Spin [Option ID = 7831]
4. Drop [Option ID = 7829]

**Correct Answer :-**

- Drop [Option ID = 7829]

**33) Choose the correct formula**

**[Question ID = 1929]**

1. Mean= 3median -2mode [Option ID = 7713]
2. Mode= 3median -2mean [Option ID = 7714]
3. Mode=3mean -2median [Option ID = 7716]
4. Median= 3mean-2mode [Option ID = 7715]

**Correct Answer :-**

- Mean= 3median -2mode [Option ID = 7713]

**34) Joints in the phalanges are examples of**

**[Question ID = 1955]**

1. Hinge joints [Option ID = 7819]
2. Ball and socket joints [Option ID = 7818]
3. Pivot joints [Option ID = 7817]
4. Gliding joints [Option ID = 7820]

**Correct Answer :-**

- Pivot joints [Option ID = 7817]

**35) A kind of independent variable that cannot be manipulated such as age, race, sex and so on is called**



**[Question ID = 1942]**

1. Classified Variable [Option ID = 7767]
2. Extraneous Variable [Option ID = 7768]
3. Control Variable [Option ID = 7766]
4. Categorical Variable [Option ID = 7765]

**Correct Answer :-**

- Categorical Variable [Option ID = 7765]

**36) A society's shared set of symbols and their meanings, embodied in beliefs, values and norms is referred as**

**[Question ID = 1970]**

1. Rituals [Option ID = 7877]
2. Sociological consciousness [Option ID = 7879]
3. Social Institution [Option ID = 7880]
4. Culture [Option ID = 7878]

**Correct Answer :-**

- Rituals [Option ID = 7877]

**37) Organization of intramural and extramural programme in school requires utmost consideration of**

**[Question ID = 1967]**

1. Directives of the superior administrative offices [Option ID = 7868]
2. Facilities and equipment [Option ID = 7865]
3. Availability of trained teachers to act as officials [Option ID = 7867]
4. Abilities and skills of all participants [Option ID = 7866]

**Correct Answer :-**

- Facilities and equipment [Option ID = 7865]

**38) If 19 teams are playing in a knock out tournament then how many total number of matches will be played?**

**[Question ID = 1968]**

1. 17 [Option ID = 7869]
2. 20 [Option ID = 7870]
3. 18 [Option ID = 7872]
4. 19 [Option ID = 7871]

**Correct Answer :-**

- 17 [Option ID = 7869]

**39) What percentage of area is included in a normal distribution between  $-2\sigma$  and  $+2\sigma$ ?**

**[Question ID = 1933]**

1. 47.72% [Option ID = 7729]
2. 68.26% [Option ID = 7730]

3. 99.73% [Option ID = 7731]
4. 95.44% [Option ID = 7732]

**Correct Answer :-**

- 47.72% [Option ID = 7729]

**40) The school of psychology that is most closely associated with learning theory is the**

**[Question ID = 1950]**

1. Cognitive school [Option ID = 7799]
2. Behaviorist school [Option ID = 7797]
3. Psychoanalytic school [Option ID = 7800]
4. Gestalt school [Option ID = 7798]

**Correct Answer :-**

- Behaviorist school [Option ID = 7797]

**41) The possible shortcomings or influence that either cannot be controlled or are the results of the restrictions imposed by the experimenter is called**

**[Question ID = 1941]**

1. Structuring the problem [Option ID = 7764]
2. Assumptions [Option ID = 7762]
3. Limitations [Option ID = 7763]
4. Delimitations [Option ID = 7761]

**Correct Answer :-**

- Delimitations [Option ID = 7761]

**42) The global process by which social units and social activities become organized in a relatively permanent and enduring way is referred as**

**[Question ID = 1972]**

1. Institutionalization [Option ID = 7887]
2. Social Structure [Option ID = 7885]
3. Sociological Approach [Option ID = 7888]
4. Social Distribution [Option ID = 7886]

**Correct Answer :-**

- Social Structure [Option ID = 7885]

**43) The inverted-u hypothesis is the earliest model to explain the relationship between athletic performance and**

**[Question ID = 1953]**

1. Tension [Option ID = 7812]
2. Anxiety/high arousal [Option ID = 7810]
3. Stress [Option ID = 7811]
4. Aggression [Option ID = 7809]

**Correct Answer :-**

- Aggression [Option ID = 7809]

**44) The amount of pressure which blood exerts against the walls of the blood vessels is called**

**[Question ID = 1961]**

1. Stroke volume [Option ID = 7843]
2. Arterial pulse [Option ID = 7841]
3. Blood viscosity [Option ID = 7844]
4. Blood pressure [Option ID = 7842]

**Correct Answer :-**

- Arterial pulse [Option ID = 7841]

**45) The only way to build muscles and lean body mass is to engage in**

**[Question ID = 1962]**

1. Fartlek training [Option ID = 7848]
2. Endurance running [Option ID = 7846]
3. Strength training [Option ID = 7845]
4. Interval training [Option ID = 7847]

**Correct Answer :-**

- Strength training [Option ID = 7845]

**46) The process whereby people are assigned different social ranks based on the differential allocation of power, prestige and privilege is referred as**

**[Question ID = 1973]**

1. Re-socialization [Option ID = 7892]
2. Socioeconomic Status [Option ID = 7890]
3. Social Mobility [Option ID = 7889]
4. Social Stratification [Option ID = 7891]

**Correct Answer :-**

- Social Mobility [Option ID = 7889]

**47) The number of muscle fibres in a motor unit is related to the**

**[Question ID = 1964]**

1. Quality of movement expected during heavy workout [Option ID = 7854]
2. Location of the muscle in the body [Option ID = 7853]
3. Amount of stimulation received at a particular moment [Option ID = 7855]
4. Degree of precision of contraction required of the muscle [Option ID = 7856]

**Correct Answer :-**

- Location of the muscle in the body [Option ID = 7853]

**48)**

**The definition "Personality is a dynamic organization within the individual of those psychophysical systems that determine his unique adjustment to his environment ," was coined by**

**[Question ID = 1954]**

1. William McDougall [Option ID = 7815]
2. Morton Price [Option ID = 7813]
3. John Watson [Option ID = 7814]
4. Gordon All port [Option ID = 7816]

**Correct Answer :-**

- Morton Price [Option ID = 7813]

**49) At what level the weight of the students is measured?**

**[Question ID = 1926]**

1. Nominal Level [Option ID = 7701]
2. Ratio Level [Option ID = 7704]
3. Ordinal Level [Option ID = 7703]
4. Interval Level [Option ID = 7702]

**Correct Answer :-**

- Nominal Level [Option ID = 7701]

**50) One of these is the general patterns of sport involvement**

**[Question ID = 1971]**

1. Behavioral Involvement [Option ID = 7884]
2. Divergent Involvement [Option ID = 7882]
3. Social Involvement [Option ID = 7883]
4. Degrees of Involvement [Option ID = 7881]

**Correct Answer :-**

- Degrees of Involvement [Option ID = 7881]