

DU PhD in Physical Education

Topic:- DU_J18_PHD_PE

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

[Question ID = 52236]

1. Discrete variable [Option ID = 88938]
2. Random Variable [Option ID = 88939]
3. Continuous variable [Option ID = 88936]
4. Categorical variable [Option ID = 88937]

Correct Answer :-

- Categorical variable [Option ID = 88937]

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

[Question ID = 52230]

1. Mean [Option ID = 88913]
2. Mode [Option ID = 88915]
3. Quartile [Option ID = 88912]
4. Median [Option ID = 88914]

Correct Answer :-

- Quartile [Option ID = 88912]

3) Which of the following is not related to validity?

[Question ID = 52234]

1. Cronbach's alpha [Option ID = 88928]
2. Factor Analysis [Option ID = 88930]
3. Concurrent [Option ID = 88931]
4. Construct [Option ID = 88929]

Correct Answer :-

- Cronbach's alpha [Option ID = 88928]

4) Which one of the following is not correct?

[Question ID = 52228]

1. Psychologists use statistics for selecting problem of the study. [Option ID = 88907]
2. Psychologists use statistics for selecting sample of the study. [Option ID = 88904]
3. Psychologists use statistics for making predictions. [Option ID = 88906]
4. Psychologists use statistics for comparing groups. [Option ID = 88905]

Correct Answer :-

- Psychologists use statistics for selecting problem of the study. [Option ID = 88907]

5) By what other name is health related fitness best known ?

[Question ID = 52252]

1. Aerobic fitness [Option ID = 89000]
2. Cardio vascular fitness [Option ID = 89003]
3. General fitness [Option ID = 89002]
4. Motor fitness [Option ID = 89001]

Correct Answer :-

- General fitness [Option ID = 89002]

6) In research good hypothesis emerge from ?

[Question ID = 52262]

1. Discussion [Option ID = 89040]
2. Reasoning [Option ID = 89043]
3. Observation [Option ID = 89042]
4. Literature search [Option ID = 89041]

Correct Answer :-

- Literature search [Option ID = 89041]

7) Product moment correlation method is used when.

[Question ID = 52232]

1. Both variable are ordinal. [Option ID = 88922]
2. Both variable are categorical. [Option ID = 88923]
3. Both variable are interval. [Option ID = 88921]
4. One Variable is ordinal and other is interval. [Option ID = 88920]

Correct Answer :-

- Both variable are interval. [Option ID = 88921]

8) Analysis of variance is used when comparisons are made among:

[Question ID = 52222]

1. More than two groups [Option ID = 88881]
2. Less than two groups [Option ID = 88882]
3. Two groups [Option ID = 88880]
4. Atleast two independant group [Option ID = 88883]

Correct Answer :-

- More than two groups [Option ID = 88881]

9) Strength is the basis of all movement which involve : [Question ID = 52255]

1. Nerves [Option ID = 89015]
2. Muscles [Option ID = 89014]
3. Bones [Option ID = 89012]
4. Joints [Option ID = 89013]

Correct Answer :-

- Muscles [Option ID = 89014]

10) Equated group design is also called

[Question ID = 52225]

1. Random group design [Option ID = 88892]
2. Parallel group design [Option ID = 88895]
3. Repeated measures design [Option ID = 88893]
4. Reverse group design [Option ID = 88894]

Correct Answer :-

- Parallel group design [Option ID = 88895]

11) In an experiment to see the effect of learning method on the retention, the independent variable is

[Question ID = 52233]

1. Retention of the task. [Option ID = 88926]
2. Any variable that may effect the retention. [Option ID = 88924]
3. Learning method. [Option ID = 88927]
4. The variable that the experimenter tries to keep constant. [Option ID = 88925]

Correct Answer :-

- Learning method. [Option ID = 88927]

12) Best method to enhance the explosive strength in lower extremities is

[Question ID = 52244]

1. Long distance running [Option ID = 88968]
2. Bonding training and depth jumps [Option ID = 88970]
3. Mud running [Option ID = 88971]
4. Sand running [Option ID = 88969]

Correct Answer :-

- Bonding training and depth jumps [Option ID = 88970]

13) Systematic sampling may be used instead of simple random sampling if the -: [Question ID = 52220]

1. Population list is in random order [Option ID = 88872]
2. Population is heterogeneous [Option ID = 88874]
3. Expected difference is small [Option ID = 88875]
4. Sample size is small [Option ID = 88873]

Correct Answer :-

- Population is heterogeneous [Option ID = 88874]

14) Action research in physical education is concerned with [Question ID = 52263]

1. Correlation [Option ID = 89046]
2. Experimental studies [Option ID = 89045]
3. Laboratory problem [Option ID = 89047]
4. Immediate classroom problem [Option ID = 89044]

Correct Answer :-

- Immediate classroom problem [Option ID = 89044]

15) Eustress is also termed as

[Question ID = 52247]

1. Distress [Option ID = 88982]
2. Positive Stress [Option ID = 88981]
3. Anxiety [Option ID = 88980]
4. Stress [Option ID = 88983]

Correct Answer :-

- Positive Stress [Option ID = 88981]

16) How many calories does 1 gm of carbohydrate provide ? [Question ID = 52241]

1. 6 [Option ID = 88957]
2. 7 [Option ID = 88959]
3. 5 [Option ID = 88958]
4. 4 [Option ID = 88956]

Correct Answer :-

- 4 [Option ID = 88956]

17) According to Sigmund Freud the best age for socialization of a child?

[Question ID = 52248]

1. 12 years [Option ID = 88987]
2. 8 years [Option ID = 88984]
3. 3 years [Option ID = 88986]
4. 5 years [Option ID = 88985]

Correct Answer :-

- 5 years [Option ID = 88985]

18) which of the following is the highest level of significance? [Question ID = 52221]

1. 0.01 [Option ID = 88878]
2. 0.002 [Option ID = 88876]
3. 0.05 [Option ID = 88877]
4. 0.001 [Option ID = 88879]

Correct Answer :-

- 0.001 [Option ID = 88879]

19) The statistical measure which is generally applied for the determination of sampling error is : [Question ID = 52261]

1. Chi -Square [Option ID = 89037]
2. Correlation [Option ID = 89038]
3. mean [Option ID = 89036]
4. Standard deviation [Option ID = 89039]

Correct Answer :-

- Standard deviation [Option ID = 89039]

20) First step towards budget preparation is

[Question ID = 52246]

1. To search income [Option ID = 88977]
2. Facilities and personnel [Option ID = 88978]
3. Estimate expenditure [Option ID = 88976]
4. Planning [Option ID = 88979]

Correct Answer :-

- Planning [Option ID = 88979]

21) In which research method the researcher investigates the causes of event on the basis of the effect?

[Question ID = 52218]

1. Field experiment method [Option ID = 88866]
2. Ex-post facto research method [Option ID = 88864]
3. Case study method [Option ID = 88867]
4. Laboratory experiment method [Option ID = 88865]

Correct Answer :-

- Ex-post facto research method [Option ID = 88864]

22) If the tail is on the positive side of the Curve and is more stretched than the tail in the negative side, the Curve will be.

[Question ID = 52226]

1. Leptokurtic [Option ID = 88899]
2. Positively skewed [Option ID = 88897]
3. Mesokurtic [Option ID = 88898]
4. Negatively skewed [Option ID = 88896]

Correct Answer :-

- Positively skewed [Option ID = 88897]

23) If the body weight of suresh is 80 kgs and height is 165 cms. Calculate his BMI

[Question ID = 52240]

1. 30.58 [Option ID = 88954]
2. 28.58 [Option ID = 88952]
3. 31.38 [Option ID = 88955]
4. 29.38 [Option ID = 88953]

Correct Answer :-

- 29.38 [Option ID = 88953]

24) Parabola is

[Question ID = 52239]

1. Path of an object moving horizontally. [Option ID = 88951]
2. The path of an object projected into free air. [Option ID = 88948]
3. The path of an object following vertically down. [Option ID = 88950]
4. The path of an object formed with air resistance. [Option ID = 88949]

Correct Answer :-

- The path of an object projected into free air. [Option ID = 88948]

25) Close form questionnaire contains questions that call for [Question ID = 52260]

1. Short response [Option ID = 89035]
2. Check response [Option ID = 89033]
3. Descriptive response [Option ID = 89034]
4. Free response [Option ID = 89032]

Correct Answer :-

- Check response [Option ID = 89033]

26) A method used to evaluate whether the observed effect is produced by the treatment or is a psychological is called

[Question ID = 52259]

1. Avis effect [Option ID = 89028]
2. Hawthorne effect [Option ID = 89031]
3. Placebo [Option ID = 89030]
4. Interactive effect [Option ID = 89029]

Correct Answer :-

- Placebo [Option ID = 89030]

27) What kind of food are vitamins and minerals known as ? [Question ID = 52237]

1. Appetitive [Option ID = 88943]
2. Energizer [Option ID = 88942]
3. Developmental [Option ID = 88941]
4. Protective [Option ID = 88940]

Correct Answer :-

- Protective [Option ID = 88940]

28) Find out the total no. of rounds in knock out based tournament when total teams are= 16

[Question ID = 52229]

1. 5 [Option ID = 88910]
2. 4 [Option ID = 88908]
3. 2 [Option ID = 88911]
4. 3 [Option ID = 88909]

Correct Answer :-

- 4 [Option ID = 88908]

29) Find out which is not the law of learning

[Question ID = 52267]

1. Law of reaction [Option ID = 89062]
2. Law of effect [Option ID = 89061]
3. Law of exercise [Option ID = 89063]
4. Law of readiness [Option ID = 89060]

Correct Answer :-

- Law of reaction [Option ID = 89062]

30) External and internal criticism is done in : [Question ID = 52257]

1. Historical research [Option ID = 89023]
2. Experimental research [Option ID = 89020]
3. Survey research [Option ID = 89021]
4. Philosophical research [Option ID = 89022]

Correct Answer :-

- Historical research [Option ID = 89023]

31) Interval training is used for the development of

[Question ID = 52245]

1. Flexibility [Option ID = 88972]
2. Explosive strength [Option ID = 88974]
3. Agility [Option ID = 88973]
4. Endurance [Option ID = 88975]

Correct Answer :-

- Endurance [Option ID = 88975]

32) What % of body fat makes a man obese ?

[Question ID = 52253]

1. 25% to 28% [Option ID = 89006]
2. 15% to 19% [Option ID = 89007]
3. 30% and above [Option ID = 89005]
4. 20% to 24% [Option ID = 89004]

Correct Answer :-

- 30% and above [Option ID = 89005]

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

[Question ID = 52227]

1. 47.72% [Option ID = 88900]
2. 68.26% [Option ID = 88901]
3. 99.73% [Option ID = 88902]
4. 95.44% [Option ID = 88903]

Correct Answer :-

- 95.44% [Option ID = 88903]

34) Which of the following is the most reliable measure of variability ? [Question ID = 52223]

1. Average deviation [Option ID = 88886]
2. standard deviation [Option ID = 88887]
3. Quartile deviation [Option ID = 88885]
4. Range [Option ID = 88884]

Correct Answer :-

- standard deviation [Option ID = 88887]

35) Which of the following nutrients containing glycerol and fatty acid are chemically known as lipids ? [Question ID = 52250]

1. Fats [Option ID = 88995]
2. protein [Option ID = 88993]
3. Roughage [Option ID = 88994]
4. Carbohydrates [Option ID = 88992]

Correct Answer :-

- Fats [Option ID = 88995]

36) Hypothesis in research means:

[Question ID = 52219]

1. Intellectual guess temporarily accepted as true [Option ID = 88869]
2. Information gained from others [Option ID = 88868]
3. Answer to the question [Option ID = 88870]
4. Research Proceedings [Option ID = 88871]

Correct Answer :-

- Intellectual guess temporarily accepted as true [Option ID = 88869]

37) On the "Set" command the Sprinter is in

[Question ID = 52249]

1. Neutral equilibrium [Option ID = 88990]
2. Stable equilibrium [Option ID = 88988]
3. Balance state [Option ID = 88991]
4. Unstable equilibrium [Option ID = 88989]

Correct Answer :-

- Unstable equilibrium [Option ID = 88989]

38) Experimental research method in physical education provides [Question ID = 52265]

1. Detail study [Option ID = 89052]
2. Complete study [Option ID = 89055]
3. Deep study [Option ID = 89053]
4. Systematic and logical study [Option ID = 89054]

Correct Answer :-

- Systematic and logical study [Option ID = 89054]

39) Newton's second law of motion is also known as

[Question ID = 52242]

1. Law of inertia [Option ID = 88960]
2. Law of gravitational [Option ID = 88963]
3. Law of momentum [Option ID = 88962]
4. Law of action reaction [Option ID = 88961]

Correct Answer :-

- Law of momentum [Option ID = 88962]

40) The value of Correlation Coefficient will always be

[Question ID = 52235]

1. More than 1 [Option ID = 88932]
2. Between -1 to 1 [Option ID = 88934]
3. Between -2 and +1 [Option ID = 88933]
4. Between 0 and 1 [Option ID = 88935]

Correct Answer :-

- Between -1 to 1 [Option ID = 88934]

41) The Resting heart rate of John is 75 bts/min and the age is 40 yrs. If he has to work with 85% of intensity then what shall be the heart rate for John?

[Question ID = 52238]

1. 164.25 [Option ID = 88946]
2. 144.50 [Option ID = 88944]
3. 154.25 [Option ID = 88945]
4. 174.50 [Option ID = 88947]

Correct Answer :-

- 164.25 [Option ID = 88946]

42) The procedure where neither the participant nor the tester knows which treatment the participants are receiving -

[Question ID = 52256]

1. Triple blind technique [Option ID = 89018]
2. Expectancy [Option ID = 89019]
3. Double blind setup [Option ID = 89017]
4. Blind setup [Option ID = 89016]

Correct Answer :-

- Double blind setup [Option ID = 89017]

43) The branch of mechanics that describes the cause of force is

[Question ID = 52243]

1. Kinematics [Option ID = 88965]
2. Kinetics [Option ID = 88964]
3. Biomechanics [Option ID = 88966]
4. Fluid mechanics [Option ID = 88967]

Correct Answer :-

- Kinematics [Option ID = 88965]

44) The 50th percentile is known as :

[Question ID = 52224]

1. Mean [Option ID = 88888]
2. standard deviation [Option ID = 88891]
3. Mode [Option ID = 88890]
4. Median [Option ID = 88889]

Correct Answer :-

- Mean [Option ID = 88888]

45) The range of the following set of observations 2,3,5,9,8,7,6,5,7,4,3, is

[Question ID = 52231]

1. 5.5 [Option ID = 88918]
2. 11 [Option ID = 88917]
3. 7 [Option ID = 88916]
4. 6 [Option ID = 88919]

Correct Answer :-

- 7 [Option ID = 88916]

46) The test of significance used for comparing two means is.

[Question ID = 52266]

1. T-test [Option ID = 89058]
2. Test of independence [Option ID = 89059]
3. F-test [Option ID = 89056]
4. Chi-square [Option ID = 89057]

Correct Answer :-

- T-test [Option ID = 89058]

47) The earliest person known to have invented the system of body classification was

[Question ID = 52251]

1. hall [Option ID = 88997]
2. hippocrates [Option ID = 88999]
3. sheldon [Option ID = 88998]
4. kretchmer [Option ID = 88996]

Correct Answer :-

- sheldon [Option ID = 88998]

48) The process of drawing a sample in which initial subject identify another potential subject in the sample who also meet the criteria of the research is called

[Question ID = 52254]

1. purposive sampling [Option ID = 89008]
2. sequential sampling [Option ID = 89009]
3. cluster sampling [Option ID = 89010]
4. snowball sampling [Option ID = 89011]

Correct Answer :-

- snowball sampling [Option ID = 89011]

49) The main purpose of a pilot study in physical education research is :

[Question ID = 52264]

1. To test the hypothesis [Option ID = 89051]
2. To test and improve research plan [Option ID = 89049]
3. To obtain funds for subsequent research [Option ID = 89048]
4. To provide opportunities for student to get research experience [Option ID = 89050]

Correct Answer :-

- To provide opportunities for student to get research experience [Option ID = 89050]

50) Research means

[Question ID = 52258]

1. To search again [Option ID = 89027]
2. To Discover something [Option ID = 89026]
3. To discover that is lost [Option ID = 89025]
4. To discover new idea [Option ID = 89024]

Correct Answer :-

- To search again [Option ID = 89027]