

**TEACHERS RECRUITMENT BOARD**  
Post Graduate Assistants 2018-2019  
Subject – Physical Education  
Question Paper – Tentative key  
Date of Exam – 27.09.2019 & Session - AN

1 Which of the following is not the problem formulation of the Research Process ?  
Which of the following is not the problem formulation of the Research Process ?

A: Determine the objective of the study.

Determine the objective of the study.

B: Nature of the problem.

::

Nature of the problem.

C: Consider various environmental factors.

Consider various environmental factors.

D: Appropriate statistical tool to be used.

Appropriate statistical tool to be used.

**Correct Alternative:- D**

2 In classification of data, Tabulation is essential because of the following reasons :

(i) It conserves space and reduces explanatory and descriptive statement to a minimum.

(ii) It facilitates the process of comparison.

(iii) It facilitates the summation of items and the detection of errors and omissions.

(iv) It provides a basis of various statistical computations.

Identify the correct combinations.

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In classification of data, Tabulation is essential because of the following reasons :

- (i) It conserves space and reduces explanatory and descriptive statement to a minimum.
  - (ii) It facilitates the process of comparison.
  - (iii) It facilitates the summation of items and the detection of errors and omissions.
  - (iv) It provides a basis of various statistical computations.
- Identify the correct combinations.

A: (i), (ii) and (iii)

(i), (ii) and (iii)

B: (ii) and (iii)

(ii) and (iii)

C: (i), (iii) and (iv)

(i), (iii) and (iv)

D: (i), (ii), (iii) and (iv)

(i), (ii), (iii) and (iv)

**Correct Alternative:- D**

- 3 The Authenticity of the source is coming under \_\_\_\_\_.  
The Authenticity of the source is coming under \_\_\_\_\_.

A: External Criticism

External Criticism

B: Internal Criticism

Internal Criticism

C: Naturalism

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Naturalism

D: Activity

Activity

**Correct Alternative:- A**

- 4 In Experimental study the Independent variable is \_\_\_\_\_.  
In Experimental study the Independent variable is \_\_\_\_\_.

A: Establishes

Establishes

B: Depends

Depends

C: Manipulates

Manipulates

D: Correlates

Correlates

**Correct Alternative:- C**

- 5 \_\_\_\_\_ may be defined as applied science which deals with collection, analysis and interpretation of data.  
\_\_\_\_\_ may be defined as applied science which deals with collection, analysis and interpretation of data.

A: Research

Research

B: Applied Research

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Applied Research

C: Statistics

Statistics

D: Inferential Statistics

Inferential Statistics

**Correct Alternative:- C**

6

Which of the following are correct ?

- (a) Z - Scale is used in a situation when data is normal.
- (b) Z Scores are based on the principle of standard normal distribution.
- (c) T - Scale is used to construct normalized Scale.
- (d) On Z Scale, Scores are obtained in the range of  $-5\sigma$  to  $5\sigma$ .

**Codes :**

Which of the following are correct ?

- (a) Z - Scale is used in a situation when data is normal.
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- (c) T - Scale is used to construct normalized Scale.
- (d) On Z Scale, Scores are obtained in the range of  $-5\sigma$  to  $5\sigma$ .

**Codes :**

A: (a), (b), (c), (d)

(a), (b), (c), (d)

B: (a), (b), (c)

(a), (b), (c)

C: (a), (b), (d)

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(a), (b), (d)

D: (b), (c), (d)

(b), (c), (d)

**Correct Alternative:- B**

7

Which of the following pairs are correctly matched ?

(a) Median  $L + \frac{f_m - f_1}{2f_m - f_1 - f_2} \times h$

(b) Standard Deviation  $\sqrt{\frac{1}{N} \sum fd^2 - \left(\frac{\sum fd}{N}\right)^2}$

(c) t - test  $\frac{\bar{x} - \bar{y}}{S \sqrt{\frac{1}{n_1} + \frac{1}{n_2}}}$

(d) Z - Scale  $\frac{x - \bar{x}}{S}$

**Codes :**

Which of the following pairs are correctly matched ?

(a) Median  $L + \frac{f_m - f_1}{2f_m - f_1 - f_2} \times h$

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(d) Z - Scale  $\frac{x - \bar{x}}{S}$

**Codes :**

A: (b) and (c)

(b) and (c)

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B: (a) and (b)

(a) and (b)

C: (c) and (d)

(c) and (d)

D: (a), (b) and (c)

(a), (b) and (c)

**Correct Alternative:- C**

- 8 The use of the laws of probability to make inferences and draw statistical conclusions about populations based on sample data is referred to as \_\_\_\_\_ .  
The use of the laws of probability to make inferences and draw statistical conclusions about populations based on sample data is referred to as \_\_\_\_\_ .

A: Descriptive Statistics

Descriptive Statistics

B: Inferential Statistics

Inferential Statistics

C: Sample Statistics

Sample Statistics

D: Predictive Statistics

Predictive Statistics

**Correct Alternative:- B**

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- 9 A Post hoc test is \_\_\_\_\_.
- (a) a test to determine regression to the mean
  - (b) a test to compare two or more means in one overall test
  - (c) conducted to identify pairwise differences
  - (d) not required for a significant independent 't'- test
- Select the correct answer :

- A Post hoc test is \_\_\_\_\_.
- (a) a test to determine regression to the mean
  - (b) a test to compare two or more means in one overall test
  - (c) conducted to identify pairwise differences
  - (d) not required for a significant independent 't'- test
- Select the correct answer :

A: (b) and (c)

(b) and (c)

B: (c) and (d)

(c) and (d)

C: (a) and (b)

(a) and (b)

D: (c) only

(c) only

**Correct Alternative:- B**

- 10 The process of analyzing Test results for the purpose of making decisions.  
The process of analyzing Test results for the purpose of making decisions.

A: Test

Test

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B: Measurement

Measurement

C: Evaluation

Evaluation

D: Norms

Norms

**Correct Alternative:- C**

- 11 \_\_\_\_\_ is one of the important teaching method wherein hearing as well as seeing are utilized.  
\_\_\_\_\_ is one of the important teaching method wherein hearing as well as seeing are utilized.

A: Lecture method

Lecture method

B: Demonstration method

Demonstration method

C: Group discussion

Group discussion

D: All of these

All of these

**Correct Alternative:- B**

- 12 The literal meaning of the World Philosophy is \_\_\_\_\_.  
The literal meaning of the World Philosophy is \_\_\_\_\_.

A: Love of Knowledge



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Love of Knowledge

B: Love of God

Love of God

C: Love of Wisdom

Love of Wisdom

D: Love of Criticism

Love of Criticism

**Correct Alternative:- C**

13 Which is the correct ratio of chest compressions to rescue breaths for use in CPR of an adult ?  
Which is the correct ratio of chest compressions to rescue breaths for use in CPR of an adult ?

A: 30 compressions : 2 rescue breaths

30 compressions : 2 rescue breaths

B: 15 compressions : 2 rescue breaths

15 compressions : 2 rescue breaths

C: 2 compressions : 30 rescue breaths

2 compressions : 30 rescue breaths

D: 5 compressions : 1 rescue breath

5 compressions : 1 rescue breath

**Correct Alternative:- A**

14 Which of the following types of training is conducted at an intensity equal to Lactate threshold ?  
Which of the following types of training is conducted at an intensity equal to Lactate threshold ?

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A: Interval Training

Interval Training

B: Pace/Tempo Training

Pace/Tempo Training

C: High-intensity Interval Training

High-intensity Interval Training

D: Fartlek Training

Fartlek Training

**Correct Alternative:- B**

15 During exercise in the heat, drinking about a cup of cool water every \_\_\_\_\_ minutes seems to be ideal to prevent dehydration.

During exercise in the heat, drinking about a cup of cool water every \_\_\_\_\_ minutes seems to be ideal to prevent dehydration.

A: 10

10

B: 20 to 30

20 to 30

C: 15 to 20

15 to 20

D: 5

5

**Correct Alternative:- C**

16 A State of complete Physical Mental and Social well being is called:

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A State of complete Physical Mental and Social well being is called:

- A: Disease  
Disease
- B: Hygiene  
Hygiene
- C: Infirmary  
Infirmary
- D: Health  
Health

**Correct Alternative:- D**

- 17 The objectives of school health programme :  
The objectives of school health programme :

- A: Promotion of positive health  
Promotion of positive health
- B: Prevention of disease  
Prevention of disease
- C: Provision of healthful environment  
Provision of healthful environment
- D: All of these  
All of these

**Correct Alternative:- D**

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Find out the correct objectives of sports psychology from the codes given below :

- (a) To enhance the athletes understanding of key terms and concepts.
- (b) To understand the effects of psychological factors on motor performance.
- (c) To understand and help athletes to maximize their participation.
- (d) To understand the effects of physical activity participation on psychological development and well-being.

**Codes :**

Find out the correct objectives of sports psychology from the codes given below :

- (a) To enhance the athletes understanding of key terms and concepts.
- (b) To understand the effects of psychological factors on motor performance.
- (c) To understand and help athletes to maximize their participation.
- (d) To understand the effects of physical activity participation on psychological development and well-being.

**Codes :**

A: (a), (b)

(a), (b)

B: (b), (c)

(b), (c)

C: (c), (d)

(c), (d)

D: (b), (d)

(b), (d)

**Correct Alternative:- D**

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19 In which of the following motor learning phases, "the performance improvements are more gradual and movements become more consistent" ?

In which of the following motor learning phases, "the performance improvements are more gradual and movements become more consistent" ?

A: Cognitive Phase

Cognitive Phase

B: Affective Phase

Affective Phase

C: Associative Phase

Associative Phase

D: Autonomous Phase

Autonomous Phase

**Correct Alternative:- C**

20 Which of the following approach has been used to describe motor skill acquisition and performance ?  
Which of the following approach has been used to describe motor skill acquisition and performance ?

A: Motor Transmission

Motor Transmission

B: Feedback Mechanism

Feedback Mechanism

C: Information- Processing

Information- Processing

D: Decision Making

Decision Making

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**Correct Alternative:- C**

- 21 What are the components of information - processing model in motor learning ?  
What are the components of information - processing model in motor learning ?

- A: Input, Decision- making, Output, Feedback  
Input, Decision- making, Output, Feedback
- B: Input, Processing, Output, Performance  
Input, Processing, Output, Performance
- C: Input, Transmission, Processing, Performance  
Input, Transmission, Processing, Performance
- D: Input, Processing, Performance, Reinforcement  
Input, Processing, Performance, Reinforcement

**Correct Alternative:- A**

- 22 The constant and deliberate effort to stay healthy and achieve the highest potential for well-being is defined as \_\_\_\_\_.  
The constant and deliberate effort to stay healthy and achieve the highest potential for well-being is defined as \_\_\_\_\_.

- A: health  
health
- B: physical fitness  
physical fitness
- C: health - related fitness  
health - related fitness

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D: wellness  
Wellness

**Correct Alternative:- D**

23 The ability to maintain equilibrium when sitting, standing or moving is known as \_\_\_\_\_.  
The ability to maintain equilibrium when sitting, standing or moving is known as \_\_\_\_\_.

A: Proprioception  
Proprioception

B: Coordination  
Coordination

C: Balance  
Balance

D: Motion  
Motion

**Correct Alternative:- C**

24 Which of the following is not a physical fitness test battery ?  
Which of the following is not a physical fitness test battery ?

A: Cooper's Aerobics Test  
Cooper's Aerobics Test

B: PCPES Screening Test  
PCPES Screening Test

C: Kasch Pulse Recovery Test

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Kasch Pulse Recovery Test

D: Fleishmen Test

Fleishmen Test

**Correct Alternative:- D**

25 \_\_\_\_\_ stress hormone is released first during stress.  
\_\_\_\_\_ stress hormone is released first during stress.

A: Serotonin

Serotonin

B: Cortisol

Cortisol

C: Adrenaline

Adrenaline

D: Norepinephrine

Norepinephrine

**Correct Alternative:- C**

26 \_\_\_\_\_ is a form of diffuse or indifferntiated bodily energy which primes us for emergency action.  
\_\_\_\_\_ is a form of diffuse or indifferntiated bodily energy which primes us for emergency action.

A: Anxiety

Anxiety

B: Anger

Anger



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C: Arousal

Arousal

D: Aggression

Aggression

**Correct Alternative:- C**

27

Match **List - I** with **List - II** and select the correct option from the codes given below :

<b>List - I</b>	<b>List - II</b>
(a) Trait Anxiety	(i) refers to the ever- changing mood component.
(b) State Anxiety	(ii) the moment-to- moment changes in perceived physiological activation.
(c) Cognitive Anxiety	(iii) an acquired behavioural tendency or disposition that influences behavior.
(d) Somatic Anxiety	(iv) the degree to which one worries or has negative thoughts.

**Codes :**

Match **List - I** with **List - II** and select the correct option from the codes given below :

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(d) Somatic Anxiety	(iv) the degree to which one worries or has negative thoughts.

**Codes :**

A: (a)-(iii), (b)-(i), (c)-(iv), (d)-(ii)

(a)-(iii), (b)-(i), (c)-(iv), (d)-(ii)

B: (a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)

(a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)

C: (a)-(i), (b)-(ii), (c)-(iv), (d)-(iii)

(a)-(i), (b)-(ii), (c)-(iv), (d)-(iii)

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D: (a)-(iv), (b)-(iii), (c)-(i), (d)-(ii)  
(a)-(iv), (b)-(iii), (c)-(i), (d)-(ii)

**Correct Alternative:- A**

28 Which one of the following vision is apparently available for the entire visual field, including both Central and Peripheral locations ?  
Which one of the following vision is apparently available for the entire visual field, including both Central and Peripheral locations ?

A: Ambient vision

Ambient vision

B: Focal vision

Focal vision

C: Cognitive vision

Cognitive vision

D: Central vision

Central vision

**Correct Alternative:- A**

29 \_\_\_\_\_ is the overall plan of a sportsperson to successfully participate in competition.  
\_\_\_\_\_ is the overall plan of a sportsperson to successfully participate in competition.

A: Tactics

Tactics

B: Strategy

Strategy

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C: Tactical Training

Tactical Training

D: Periodization

Periodization

**Correct Alternative:- B**

30 A set in strength-training refers to \_\_\_\_\_.  
A set in strength-training refers to \_\_\_\_\_.

A: the starting position for an exercise

the starting position for an exercise

B: the recovery time required between exercises

the recovery time required between exercises

C: a given number of repetitions

a given number of repetitions

D: the starting resistance used in an exercise

the starting resistance used in an exercise

**Correct Alternative:- C**

31 Which of the following is not a part of Isotonic Strength test ?  
Which of the following is not a part of Isotonic Strength test ?

A: Dip test

Dip test

B: Back lift test

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Back lift test

C: Sit-up test

Sit-up test

D: Bench Squat test

Bench Squat test

**Correct Alternative:- B**

32

Match **List - I** with **List - II** and select the correct option from the codes given below :

<b>List - I</b> <b>(National Games Year)</b>	<b>List - II</b> <b>(Venues)</b>
(a) 2011	(i) Punjab
(b) 1987	(ii) Hyderabad
(c) 2001	(iii) Ranchi
(d) 2002	(iv) Kerala

**Codes :**

Match **List - I** with **List - II** and select the correct option from the codes given below :

<b>List - I</b> <b>(National Games Year)</b>	<b>List - II</b> <b>(Venues)</b>
(a) 2011	(i) Punjab
(b) 1987	(ii) Hyderabad
(c) 2001	(iii) Ranchi
(d) 2002	(iv) Kerala

**Codes :**

A: (a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)

(a)-(i), (b)-(ii), (c)-(iii), (d)-(iv)

B: (a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)

(a)-(ii), (b)-(iii), (c)-(iv), (d)-(i)

C: (a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)

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(a)-(iii), (b)-(iv), (c)-(i), (d)-(ii)

D: (a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)

(a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)

**Correct Alternative:- C**

33 Which age group competitors are participating in SGFI ?  
Which age group competitors are participating in SGFI ?

A: Under 11, 12, 13

Under 11, 12, 13

B: Under 13, 14, 15

Under 13, 14, 15

C: Under 14, 17, 19

Under 14, 17, 19

D: None of these

None of these

**Correct Alternative:- C**

34 What will be the special power of the Chief Judge in Race Walking competitions ?  
What will be the special power of the Chief Judge in Race Walking competitions ?

A: Controlling the officials

Controlling the officials

B: To disqualify the athlete

To disqualify the athlete

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C: Stop the race

Stop the race

D: Self decision

Self decision

**Correct Alternative:- B**

35 The landing arena of High Jump will be \_\_\_\_\_.  
The landing arena of High Jump will be \_\_\_\_\_.

A: 5 × 4 mts

5 × 4 mts

B: 5 × 5 mts

5 × 5 mts

C: 5 × 3 mts

5 × 3 mts

D: 5 × 6 mts

5 × 6 mts

**Correct Alternative:- C**

36 Which one is not the qualities of a Supervisor ?  
Which one is not the qualities of a Supervisor ?

A: Ability to develop an organization

Ability to develop an organization

B: Ability to plan work

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Ability to plan work

C: Technical knowledge

Technical knowledge

D: Keeps children busy

Keeps children busy

**Correct Alternative:- D**

37 Rashtriya Madhyamik Shiksha Abhiyan (RMSA) is established for achievement of :  
Rashtriya Madhyamik Shiksha Abhiyan (RMSA) is established for achievement of :

A: Elementary education

Elementary education

B: Higher education

Higher education

C: Secondary education

Secondary education

D: All of these

All of these

**Correct Alternative:- C**

38 MOOC stands for :  
MOOC stands for :

A: Massive Open Online Courses

Massive Open Online Courses

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B: Movement Open Online Courses

    Movement Open Online Courses

C: Multi Open Online Courses

    Multi Open Online Courses

D: Motion Open Online Courses

    Motion Open Online Courses

**Correct Alternative:- A**

39

Match **List - I** with **List - II** and select the correct answer using the codes given below :

<b>List - I</b>	<b>List - II</b>
(a) National Sports Festival for Women	(i) 1984
(b) All India Council of Sports	(ii) 1985
(c) Sports Authority of India	(iii) 1954
(d) Dronacharya Award	(iv) 1975

**Codes :**

Match **List - I** with **List - II** and select the correct answer using the codes given below :

<b>List - I</b>	<b>List - II</b>
(a) National Sports Festival for Women	(i) 1984
(b) All India Council of Sports	(ii) 1985
(c) Sports Authority of India	(iii) 1954
(d) Dronacharya Award	(iv) 1975

**Codes :**

A: (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)

    (a)-(iv), (b)-(iii), (c)-(ii), (d)-(i)

B: (a)-(iv), (b)-(iii), (c)-(i), (d)-(ii)

    (a)-(iv), (b)-(iii), (c)-(i), (d)-(ii)

C: (a)-(i), (b)-(iv), (c)-(iii), (d)-(ii)

    (a)-(i), (b)-(iv), (c)-(iii), (d)-(ii)

D: (a)-(i), (b)-(ii), (c)-(iv), (d)-(iii)

    (a)-(i), (b)-(ii), (c)-(iv), (d)-(iii)



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**Correct Alternative:- B**

40 The daily recommended carbohydrate intake is :  
The daily recommended carbohydrate intake is :

- A: 45 to 65 Percent of the total calories  
45 to 65 Percent of the total calories
- B: 60 to 70 Percent of the total calories  
60 to 70 Percent of the total calories
- C: 40 to 50 Percent of the total calories  
40 to 50 Percent of the total calories
- D: 50 to 70 Percent of the total calories  
50 to 70 Percent of the total calories

**Correct Alternative:- A**

41 Match the following vitamin with their functions :

<b>Vitamin</b>	<b>Function</b>
(a) Vitamin A	(i) Necessary for vision
(b) Vitamin K	(ii) An antioxidant
(c) Vitamin D	(iii) Needed for blood clotting
(d) Vitamin E	(iv) Aids calcium absorption

**Codes :**

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(c) Vitamin D	(iii) Needed for blood clotting
(d) Vitamin E	(iv) Aids calcium absorption

**Codes :**

A: (a)-(i), (b)-(iii), (c)-(iv), (d)-(ii)

(a)-(i), (b)-(iii), (c)-(iv), (d)-(ii)

B: (a)-(ii), (b)-(iv), (c)-(i), (d)-(iii)

(a)-(ii), (b)-(iv), (c)-(i), (d)-(iii)

C: (a)-(i), (b)-(iv), (c)-(ii), (d)-(iii)

(a)-(i), (b)-(iv), (c)-(ii), (d)-(iii)

D: (a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)

(a)-(ii), (b)-(iii), (c)-(i), (d)-(iv)

**Correct Alternative:- A**

- 42 Which of the following food contain the lowest amount of Omega - 3 fatty acids ?  
Which of the following food contain the lowest amount of Omega - 3 fatty acids ?

A: Salmon

Salmon

B: Mackerel

Mackerel

C: Flaxseed

Flaxseed

D: Peanut butter

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Peanut butter

**Correct Alternative:- D**

43

Find the two common sources of situational stress using the codes given below :

- (a) Changes occur in an individuals behaviour.
- (b) The importance placed on an event.
- (c) The uncertainty that surrounds the outcome of that event.
- (d) Difficulty of the task increases.

Find the two common sources of situational stress using the codes given below :

- (a) Changes occur in an individuals behaviour.
- (b) The importance placed on an event.
- (c) The uncertainty that surrounds the outcome of that event.
- (d) Difficulty of the task increases.

A: (a), (b)

(a), (b)

B: (b), (c)

(b), (c)

C: (c), (d)

(c), (d)

D: (a), (d)

(a), (d)

**Correct Alternative:- B**

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44 Which of the following is not a method of Tactical Training ?  
Which of the following is not a method of Tactical Training ?

- A: Development of creative abilities  
Development of creative abilities
- B: Consolidation of special tactical knowledge  
Consolidation of special tactical knowledge
- C: Acquisition of special tactical knowledge  
Acquisition of special tactical knowledge
- D: Control and evaluation of tactical knowledge  
Control and evaluation of tactical knowledge

**Correct Alternative:- D**

45 Developing muscular endurance is a major goal of \_\_\_\_\_ training.  
Developing muscular endurance is a major goal of \_\_\_\_\_ training.

- A: Speed  
Speed
- B: Weight  
Weight
- C: Circuit  
Circuit
- D: Endurance  
Endurance

**Correct Alternative:- C**

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- 46 \_\_\_\_\_ training consists of long durations, high volumes and short rest periods.  
\_\_\_\_\_ training consists of long durations, high volumes and short rest periods.

A: Circuit

Circuit

B: Concurrent

Concurrent

C: Interval

Interval

D: Fartlek

Fartlek

**Correct Alternative:- C**

- 47 Find the correct combination of standardized test to measure flexibility using the codes given below :
- (a) Shoulder and Wrist elevation test
  - (b) Bridge-up test
  - (c) Neck rotation test
  - (d) Back scratch test
  - (e) Modified sit and reach test

Find the correct combination of standardized test to measure flexibility using the codes given below :

- (a) Shoulder and Wrist elevation test
- (b) Bridge-up test
- (c) Neck rotation test
- (d) Back scratch test
- (e) Modified sit and reach test

A: (a), (b),(c)

(a), (b),(c)

B: (b), (d), (e)

(b), (d), (e)

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C: (c), (d), (e)

(c), (d), (e)

D: (a), (c), (d)

(a), (c), (d)

**Correct Alternative:- B**

48 Which state is going to conduct a 65<sup>th</sup> National School Games 2019-20 for Athletics ?  
Which state is going to conduct a 65<sup>th</sup> National School Games 2019-20 for Athletics ?

A: Tamil Nadu

Tamil Nadu

B: Telangana

Telangana

C: Andhra Pradesh

Andhra Pradesh

D: Punjab

Punjab

**Correct Alternative:- D**

49 Duties of the umpires in cricket game :  
Duties of the umpires in cricket game :

A: conducting the match

conducting the match

B: contacting the players

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contacting the players

C: inspect the field marking and implements and match

inspect the field marking and implements and match

D: playing to gather

playing to gather

**Correct Alternative:- C**

50 The throwing circle may be constructed with the support of \_\_\_\_\_.  
The throwing circle may be constructed with the support of \_\_\_\_\_.

A: Clay sand

Clay sand

B: Steel mat

Steel mat

C: Clippery material

Clippery material

D: Concrete

Concrete

**Correct Alternative:- D**

51 DIET stands for :  
DIET stands for :

A: District Institute of Education and Technology.

District Institute of Education and Technology.

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B: District Institute of Education and Training.

District Institute of Education and Training.

C: District Institute of Elementary Training.

District Institute of Elementary Training.

D: District Institute of Elementary Teacher.

District Institute of Elementary Teacher.

**Correct Alternative:- B**

52 Orientation courses for Physical Education Teachers/ Physical Directors are conducted by :  
Orientation courses for Physical Education Teachers/ Physical Directors are conducted by :

A: National Council for Teacher Education

National Council for Teacher Education

B: Academic Staff College

Academic Staff College

C: Sports Development Authority of Tamil Nadu

Sports Development Authority of Tamil Nadu

D: State Institute of Education

State Institute of Education

**Correct Alternative:- C**

53 To identify the motor abilities in school children, How many battery of tests are conducted under The World Beaters Talent Spotting Scheme of Tamil Nadu :

To identify the motor abilities in school children, How many battery of tests are conducted under The World Beaters Talent Spotting Scheme of Tamil Nadu :



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A: 6

6

B: 5

5

C: 8

8

D: 7

7

**Correct Alternative:- A**

54 Vitamin B12 deficiency can result in \_\_\_\_\_.  
Vitamin B12 deficiency can result in \_\_\_\_\_.

A: Scurvy

Scurvy

B: Pernicious Anaemia

Pernicious Anaemia

C: Pellagra

Pellagra

D: Beriberi

Beriberi

**Correct Alternative:- B**

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Match the following vegetarians with their diet.

<b>Vegetarians</b>	<b>Diet</b>
(a) Vegans	(i) Who allow eggs in their diet.
(b) Ovovegetarians	(ii) Who eat foods from milk group
(c) Lactovegetarians	(iii) Who eat no animal products at all
(d) Ovolactovegetarians	(iv) Who include eggs and milk products in their diet.

Match the following vegetarians with their diet.

<b>Vegetarians</b>	<b>Diet</b>
(a) Vegans	(i) Who allow eggs in their diet.
(b) Ovovegetarians	(ii) Who eat foods from milk group
(c) Lactovegetarians	(iii) Who eat no animal products at all
(d) Ovolactovegetarians	(iv) Who include eggs and milk products in their diet.

A: (a)-(i), (b)-(ii), (c)-(iv), (d)-(iii)

(a)-(i), (b)-(ii), (c)-(iv), (d)-(iii)

B: (a)-(iii), (b)-(i), (c)-(ii), (d)-(iv)

(a)-(iii), (b)-(i), (c)-(ii), (d)-(iv)

C: (a)-(iv), (b)-(i), (c)-(iii), (d)-(ii)

(a)-(iv), (b)-(i), (c)-(iii), (d)-(ii)

D: (a)-(iii), (b)-(ii), (c)-(iv), (d)-(i)

(a)-(iii), (b)-(ii), (c)-(iv), (d)-(i)

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**Correct Alternative:- B**

56 Why we need of research in Physical Education ?  
Why we need of research in Physical Education ?

- A: To participate in Physical Activity  
To participate in Physical Activity
- B: To develop the Health  
To develop the Health
- C: To improve and develop the Phy. Education Profession  
To improve and develop the Phy. Education Profession
- D: To develop the Curriculum  
To develop the Curriculum

**Correct Alternative:- C**

57 \_\_\_\_\_ is a method based on chance alone by which study participants are assigned to a study.  
\_\_\_\_\_ is a method based on chance alone by which study participants are assigned to a study.

- A: Purposefulness  
Purposefulness
- B: Randomisation  
Randomisation
- C: Non-Randomisation  
Non-Randomisation
- D: Discrimination

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Discrimination

**Correct Alternative:- B**

58 \_\_\_\_\_ sampling is also called as accidental (or) opportunity sampling.  
\_\_\_\_\_ sampling is also called as accidental (or) opportunity sampling.

A: Convenience

Convenience

B: Multi-Phase

Multi-Phase

C: Systematic

Systematic

D: Simple random

Simple random

**Correct Alternative:- A**

59 Philosophical Research have greatful role in Physical Education. How ?  
Philosophical Research have greatful role in Physical Education. How ?

A: Through reflect on Exercise and Ideas

Through reflect on Exercise and Ideas

B: Complement of Science

Complement of Science

C: Not original

Not original

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D: Theoretically Influence  
Theoretically Influence

**Correct Alternative:- A**

60 The group is exposed some special condition called as :  
The group is exposed some special condition called as :

A: Independent group  
Independent group

B: Dependent group  
Dependent group

C: Experimental group  
Experimental group

D: Control group  
Control group

**Correct Alternative:- C**

61 What is Research report ?  
What is Research report ?

A: Summary of the study  
Summary of the study

B: Methodology  
Methodology

C: Outline of proposed work ( completed frame )

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Outline of proposed work ( completed frame )

D: Statement

Statement

**Correct Alternative:- C**

62 Hypothesis must possess the following characteristics :  
Hypothesis must possess the following characteristics :

A: It should be clear and precise

It should be clear and precise

B: It should be capable of being tested

It should be capable of being tested

C: It should be limited scope and specific

It should be limited scope and specific

D: All of these

All of these

**Correct Alternative:- D**

63 \_\_\_\_\_ is defined as the arrangements of scores into various classes along with its class frequency.  
\_\_\_\_\_ is defined as the arrangements of scores into various classes along with its class frequency.

A: Frequency Distribution

Frequency Distribution

B: Class Interval

Class Interval

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C: Class Distribution

Class Distribution

D: Standard Frequency

Standard Frequency

**Correct Alternative:- A**

64

Which of the following are considered to be the measures of variability ?

- (a) Mean
- (b) Median
- (c) Mode
- (d) Range
- (e) Mean Deviation
- (f) Standard Deviation

Which of the following are considered to be the measures of variability ?

- (a) Mean
- (b) Median
- (c) Mode
- (d) Range
- (e) Mean Deviation
- (f) Standard Deviation

A: (a), (b), (c)

(a), (b), (c)

B: (a), (b), (c), (f)

(a), (b), (c), (f)

C: (d), (e), (f)

(d), (e), (f)

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D: (a), (b), (f)  
(a), (b), (f)

**Correct Alternative:- C**

65 A \_\_\_\_\_ is a numerical characteristic of a sample and a \_\_\_\_\_ is a numerical characteristic of a population.  
A \_\_\_\_\_ is a numerical characteristic of a sample and a \_\_\_\_\_ is a numerical characteristic of a population.

A: Sample, Population  
Sample, Population  
B: Population, Sample  
Population, Sample  
C: Statistic, Parameter  
Statistic, Parameter  
D: Parameter, Statistic  
Parameter, Statistic

**Correct Alternative:- C**

66 Which of the following is a raw score that has been transformed into standard deviation units ?  
Which of the following is a raw score that has been transformed into standard deviation units ?

A: T- score  
T- score  
B: Z- score  
Z- score



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C: SDU score

SDU score

D: None of these

None of these

**Correct Alternative:- B**

67 The \_\_\_\_\_ is often the preferred measure of central tendency if the data are severely skewed.  
The \_\_\_\_\_ is often the preferred measure of central tendency if the data are severely skewed.

A: Mean

Mean

B: Median

Median

C: Mode

Mode

D: Range

Range

**Correct Alternative:- B**

68 Epistemology is branch of :  
Epistemology is branch of :

A: Psychology

Psychology

B: Physiology

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Physiology

C: Philosophy

Philosophy

D: Axiology

Axiology

**Correct Alternative:- C**

69 \_\_\_\_\_ is produced in the kidneys and stimulates the production of new red blood cells.  
\_\_\_\_\_ is produced in the kidneys and stimulates the production of new red blood cells.

A: Erythropoietin

Erythropoietin

B: Human growth hormone

Human growth hormone

C: Anabolic steroids

Anabolic steroids

D: Testosterone

Testosterone

**Correct Alternative:- A**

70 The constant and deliberate effort to stay healthy and achieve the highest potential for well-being is defined as :

The constant and deliberate effort to stay healthy and achieve the highest potential for well-being is defined as :

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A: Health

Health

B: Physical fitness

Physical fitness

C: Wellness

Wellness

D: Health related fitness

Health related fitness

**Correct Alternative:- C**

71 HIV :

HIV :

A: Attack and destroys white blood cells

Attack and destroys white blood cells

B: Break down the immune system

Break down the immune system

C: Readily multiplies in the human body

Readily multiplies in the human body

D: All of these

All of these

**Correct Alternative:- D**

72 Who conducted the first sport Psychology experiment, studying the effects of others on cyclists' performance ?

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Who conducted the first sport Psychology experiment, studying the effects of others on cyclists' performance ?

A: Rainer Martens

Rainer Martens

B: Norman Triplett

Norman Triplett

C: G.T.W. Patrick

G.T.W. Patrick

D: Coleman Griffith

Coleman Griffith

**Correct Alternative:- B**

73 Kraus Weber is a battery of \_\_\_\_\_ test items.

Kraus Weber is a battery of \_\_\_\_\_ test items.

A: 4

4

B: 6

6

C: 5

5

D: 3

3

**Correct Alternative:- B**

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- 74 The best way of promoting readiness for learning and performance in motor activities is by encouraging \_\_\_\_\_.  
The best way of promoting readiness for learning and performance in motor activities is by encouraging \_\_\_\_\_.

A: Drawing activity

Drawing activity

B: Whistling activity

Whistling activity

C: General physical activity

General physical activity

D: Specific activity

Specific activity

**Correct Alternative:- C**

- 75 In skin fold measurement, \_\_\_\_\_ site is measured at a vertical fold about one inch to the right of the umbilicus.  
In skin fold measurement, \_\_\_\_\_ site is measured at a vertical fold about one inch to the right of the umbilicus.

A: triceps

triceps

B: supraillium

supraillium

C: abdomen

abdomen

D: chest

Chest

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**Correct Alternative:- C**

76 \_\_\_\_\_ is the ability to use senses together with body parts to perform a motor task.  
\_\_\_\_\_ is the ability to use senses together with body parts to perform a motor task.

A: Balance

Balance

B: Co-ordination

Co-ordination

C: Kinesthetic sense

Kinesthetic sense

D: Motor fitness

Motor fitness

**Correct Alternative:- B**

77 A statement written in words is called \_\_\_\_\_.  
A statement written in words is called \_\_\_\_\_.

A: Statistical hypothesis

Statistical hypothesis

B: Substantive hypothesis

Substantive hypothesis

C: Literal hypothesis

Literal hypothesis

D: Narrative hypothesis

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Narrative hypothesis

**Correct Alternative:- B**

- 78 Holistic health is based on the premise that an individual's health is affected by virtually \_\_\_\_\_.  
Holistic health is based on the premise that an individual's health is affected by virtually \_\_\_\_\_.

- A: all aspects of an individual's life.  
all aspects of an individual's life.
- B: concerned with physical and psychological state of an individual.  
concerned with physical and psychological state of an individual.
- C: concerned only with spiritual state of an individual.  
concerned only with spiritual state of an individual.
- D: influencing the genetic and social factors of an individual.  
influencing the genetic and social factors of an individual.

**Correct Alternative:- A**

- 79 The academic need of the curriculum will not promote :  
The academic need of the curriculum will not promote :

- A: Cognitive development  
Cognitive development
- B: Affective development  
Affective development
- C: Psycho-motor development  
Psycho-motor development

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D: Spiritual development  
Spiritual development

**Correct Alternative:- D**

80 The ability to make rapid and correct movements to different stimuli :  
The ability to make rapid and correct movements to different stimuli :

A: multilimb co-ordination  
multilimb co-ordination

B: control precision  
control precision

C: response orientation  
response orientation

D: reaction time  
reaction time

**Correct Alternative:- C**

81 Unknown facts about the individual are inferred from known measurable qualities is known as \_\_\_\_\_  
statistics.  
Unknown facts about the individual are inferred from known measurable qualities is known as \_\_\_\_\_  
statistics.

A: Descriptive  
Descriptive

B: Relationship  
Relationship



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C: Inferential

Inferential

D: Predictive

Predictive

**Correct Alternative:- D**

82 Testosterone, methyltestosterone are \_\_\_\_\_ which are banned by International Olympic Committee.  
Testosterone, methyltestosterone are \_\_\_\_\_ which are banned by International Olympic Committee.

A: Psychomotor stimulants

Psychomotor stimulants

B: Narcotic analgesics

Narcotic analgesics

C: Beta-blockers

Beta-blockers

D: Anabolic steroids

Anabolic steroids

**Correct Alternative:- D**

83 Transitional period corresponds to the \_\_\_\_\_ phase of sport form.  
Transitional period corresponds to the \_\_\_\_\_ phase of sport form.

A: First

First

B: Second

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Second

C: Third

Third

D: Fourth

Fourth

**Correct Alternative:- C**

- 84 In the food guide pyramid, which food group is at the base ?  
In the food guide pyramid, which food group is at the base ?

A: Bread, Cereals

Bread, Cereals

B: Milk, Yogurt

Milk, Yogurt

C: Fats, Oils

Fats, Oils

D: Fruits and Vegetables

Fruits and Vegetables

**Correct Alternative:- A**

- 85 Carbo-loading is generally used for \_\_\_\_\_ days in preparation for major athletic competitions.  
Carbo-loading is generally used for \_\_\_\_\_ days in preparation for major athletic competitions.

A: 3 - 7

3 - 7

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B: 10 - 15

10 - 15

C: 15 - 20

15 - 20

D: 20 - 30

20 – 30

**Correct Alternative:- A**

86 Actual realization of strategy in practice is called \_\_\_\_\_.  
Actual realization of strategy in practice is called \_\_\_\_\_.

A: Technique

Technique

B: Competition

Competition

C: Set play

Set play

D: Tactics

Tactics

**Correct Alternative:- D**

87 The term \_\_\_\_\_ simply means, rank or position in the society.  
The term \_\_\_\_\_ simply means, rank or position in the society.

A: status

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status

B: family

family

C: culture

culture

D: sociology

Sociology

**Correct Alternative:- A**

88 The experimental design used in the situation, O1X1O2X2O3, where 'O' is the observation and 'X' is the treatment :

The experimental design used in the situation, O1X1O2X2O3, where 'O' is the observation and 'X' is the treatment :

A: Factorial design

Factorial design

B: Rotation group design

Rotation group design

C: Random group design

Random group design

D: Repeated measure design

Repeated measure design

**Correct Alternative:- D**

89 Generally the intensity of exercise at each station is about \_\_\_\_\_ of maximum in circuit training.

Generally the intensity of exercise at each station is about \_\_\_\_\_ of maximum in circuit training.

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A: 30 to 40%

30 to 40%

B: 40 to 50%

40 to 50%

C: 50 to 60%

50 to 60%

D: 60 to 70%

60 to 70%

**Correct Alternative:- B**

90 Nehru Yuva Kendra Sangathan is primarily concerned with the development of youth in \_\_\_\_\_ areas.  
Nehru Yuva Kendra Sangathan is primarily concerned with the development of youth in \_\_\_\_\_ areas.

A: Rural

Rural

B: Urban

Urban

C: Metropolitan

Metropolitan

D: City

City

**Correct Alternative:- A**

91 Creative self effort is one of the principles of \_\_\_\_\_ preparation.

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Creative self effort is one of the principles of \_\_\_\_\_ preparation.

A: technical

technical

B: tactical

tactical

C: strategical

strategical

D: training

Training

**Correct Alternative:- B**

92 For any offences, the offending player may be warned and temporarily suspended for 2 min of playing time indicated by a \_\_\_\_\_ in Hockey.

For any offences, the offending player may be warned and temporarily suspended for 2 min of playing time indicated by a \_\_\_\_\_ in Hockey.

A: Yellow card

Yellow card

B: Green card

Green card

C: Red card

Red card

D: Orange card

Orange card

**Correct Alternative:- B**

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93 The weight of a carrom man shall be \_\_\_\_\_.  
The weight of a carrom man shall be \_\_\_\_\_.

A: 5.25 grams to 5.50 grams

5.25 grams to 5.50 grams

B: 5.60 grams to 5.75 grams

5.60 grams to 5.75 grams

C: 5.75 grams to 6.20 grams

5.75 grams to 6.20 grams

D: 5.10 grams to 5.20 grams

5.10 grams to 5.20 grams

**Correct Alternative:- A**

94 \_\_\_\_\_ is the vital, personal link between the service provider, paid or voluntary and the organization.  
\_\_\_\_\_ is the vital, personal link between the service provider, paid or voluntary and the organization.

A: Administration

Administration

B: Management

Management

C: Supervision

Supervision

D: Organization

Organization

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**Correct Alternative:- C**

- 95 The number of bench press repetition done by an athlete is :  
The number of bench press repetition done by an athlete is :

A: Internal load

Internal load

B: Frequency

Frequency

C: External load

External load

D: Intensity

Intensity

**Correct Alternative:- C**

- 96 In \_\_\_\_\_ visual stream information requires contrast, focus and sufficient light.  
In \_\_\_\_\_ visual stream information requires contrast, focus and sufficient light.

A: Dorsal

Dorsal

B: Ventral

Ventral

C: Optical

Optical

D: Retina

Retina



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**Correct Alternative:- B**

97 \_\_\_\_\_ is not a basic method of technique training for enhancement of motor learning.  
\_\_\_\_\_ is not a basic method of technique training for enhancement of motor learning.

A: Presentation method

Presentation method

B: Co-operative method

Co-operative method

C: Tactical evaluation method

Tactical evaluation method

D: Task method

Task method

**Correct Alternative:- C**

98 \_\_\_\_\_ is used to report reliability; objectivity and validity of a test.  
\_\_\_\_\_ is used to report reliability; objectivity and validity of a test.

A: Coefficient of correlation

Coefficient of correlation

B: Measures of central tendency

Measures of central tendency

C: Measures of dispersion

Measures of dispersion

D: 't' - test

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't' – test

**Correct Alternative:- A**

99 \_\_\_\_\_ are the building blocks of all proteins.  
\_\_\_\_\_ are the building blocks of all proteins.

A: Amino acids

Amino acids

B: Glucose

Glucose

C: Glycogen

Glycogen

D: Lipids

Lipids

**Correct Alternative:- A**

100 The total volume of tactical training \_\_\_\_\_ with the increase in the level of performance.  
The total volume of tactical training \_\_\_\_\_ with the increase in the level of performance.

A: increase

increase

B: decrease

decrease

C: constant

constant

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D: fluctuate  
Fluctuate

**Correct Alternative:- A**

101 ' Shortcomings of the study ' may be mentioned under \_\_\_\_\_ of the study.  
' Shortcomings of the study ' may be mentioned under \_\_\_\_\_ of the study.

A: Delimitation  
Delimitation

B: Limitation  
Limitation

C: Review  
Review

D: Statement  
Statement

**Correct Alternative:- B**

102 Gender, race, religion and socio-economic status are measurement on a(n) \_\_\_\_\_ Scale.  
Gender, race, religion and socio-economic status are measurement on a(n) \_\_\_\_\_ Scale.

A: Ordinal  
Ordinal

B: Nominal  
Nominal

C: Interval

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Interval

D: Ratio

Ratio

**Correct Alternative:- B**

103 \_\_\_\_\_ is the result of both sensory and emotional experiences and is associated with tissue damage.  
\_\_\_\_\_ is the result of both sensory and emotional experiences and is associated with tissue damage.

A: Swelling

Swelling

B: Pain

Pain

C: Strain

Strain

D: Sprain

Sprain

**Correct Alternative:- B**

104 \_\_\_\_\_ are standard scores that describe the difference of individual raw scores from the mean in terms of standard deviation.  
\_\_\_\_\_ are standard scores that describe the difference of individual raw scores from the mean in terms of standard deviation.

A: Hull Scale

Hull Scale

B: Z Scale

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Z Scale

C: T Scale

T Scale

D: Zigma Scale

Zigma Scale

**Correct Alternative:- B**

105 \_\_\_\_\_ of the curriculum refers to the appropriateness of the contents selected for pupil learning to achieve the stated objectives.

\_\_\_\_\_ of the curriculum refers to the appropriateness of the contents selected for pupil learning to achieve the stated objectives.

A: Validity

Validity

B: Utility

Utility

C: Feasibility

Feasibility

D: Practicability

Practicability

**Correct Alternative:- A**

106 The ability of the lungs, heart and blood vessels to deliver adequate amounts of oxygen to the cells to meet the demands of prolonged physical activity is known as \_\_\_\_\_.

The ability of the lungs, heart and blood vessels to deliver adequate amounts of oxygen to the cells to meet the demands of prolonged physical activity is known as \_\_\_\_\_.

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A: Muscular endurance

Muscular endurance

B: Cardio-respiratory endurance

Cardio-respiratory endurance

C: Muscular strength

Muscular strength

D: Agility

Agility

**Correct Alternative:- B**

107 Young athletes might worry that they will perform poorly in front of their parents on school sport days, is  
:  
Young athletes might worry that they will perform poorly in front of their parents on school sport days, is  
:

A: Trait anxiety

Trait anxiety

B: Aggression

Aggression

C: Cognitive anxiety

Cognitive anxiety

D: Somatic anxiety

Somatic anxiety

**Correct Alternative:- C**

108 In a 400 m standard track, the start for the 400 m run will be staggered for the lane number 2 is \_\_\_\_\_.

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In a 400 m standard track, the start for the 400 m run will be staggered for the lane number 2 is \_\_\_\_\_.

- A: 7.038 m  
7.038 m
- B: 3.519 m  
3.519 m
- C: 10.564 m  
10.564 m
- D: 11.185 m  
11.185 m

**Correct Alternative:- A**

109 Prana is rooted in the verb which means :  
Prana is rooted in the verb which means :

- A: to breathe  
to breathe
- B: to meditate  
to meditate
- C: to serve  
to serve
- D: to God  
to God

**Correct Alternative:- A**

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$H_0 : \bar{X}_1 = \bar{X}_2$ , denotes :

$H_0 : \bar{X}_1 = \bar{X}_2$ , denotes :

- A: research hypothesis  
research hypothesis
- B: alternative hypothesis  
alternative hypothesis
- C: null hypothesis  
null hypothesis
- D: directional hypothesis  
directional hypothesis

**Correct Alternative:- C**

111 One of the corporations in Tamil Nadu is \_\_\_\_\_.  
One of the corporations in Tamil Nadu is \_\_\_\_\_.

- A: Kanyakumari  
Kanyakumari
- B: Ariyalur  
Ariyalur
- C: Tirupur  
Tirupur
- D: Virudhunagar  
Virudhunagar



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**Correct Alternative:- B**

112 Soil resource is preserved by using :  
Soil resource is preserved by using :

A: Natural Manure

Natural Manure

B: Artificial Manure

Artificial Manure

C: Deforestation

Deforestation

D: Grazing

Grazing

**Correct Alternative:- D**

113 In what process, Naphthalene is purified ?  
In what process, Naphthalene is purified ?

A: Fractional crystallisation

Fractional crystallisation

B: Simple distillation

Simple distillation

C: Sublimation

Sublimation

D: None of these

None of these

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**Correct Alternative:- C**

114 A bar magnet is whirled in a mixture of copper and gold dust. We observe that :  
A bar magnet is whirled in a mixture of copper and gold dust. We observe that :

- A: Copper and gold dust are attracted by the bar magnet  
Copper and gold dust are attracted by the bar magnet
- B: Both copper and gold dust are not attracted by the bar magnet  
Both copper and gold dust are not attracted by the bar magnet
- C: Gold dust is attracted by the bar magnet  
Gold dust is attracted by the bar magnet
- D: Copper dust is attracted by the bar magnet  
Copper dust is attracted by the bar magnet

**Correct Alternative:- B**

115 Generally plants need nitrogen from soil to make \_\_\_\_\_.  
Generally plants need nitrogen from soil to make \_\_\_\_\_.

- A: Protein  
Protein
- B: Fat  
Fat
- C: Carbohydrate  
Carbohydrate
- D: Vitamin

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Vitamin

**Correct Alternative:- A**

116 In which year Swami Vivekananda delivered his special speech at world religious conference in Chicago ?

In which year Swami Vivekananda delivered his special speech at world religious conference in Chicago ?

A: 1895

1895

B: 1894

1894

C: 1883

1883

D: 1893

1893

**Correct Alternative:- D**

117 \_\_\_\_\_ was called as the 'Hero of Arcot'.

\_\_\_\_\_ was called as the 'Hero of Arcot'.

A: Dupleix

Dupleix

B: Mohamud Ali

Mohamud Ali

C: Chanda Sahib

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Chanda Sahib

D: Robert Clive

Robert Clive

**Correct Alternative:- D**

118 Which of the following play a significant role in acid rain ?  
Which of the following play a significant role in acid rain ?

A: Carbon monoxide and Carbondioxide

Carbon monoxide and Carbondioxide

B: Ozone and Carbon dioxide

Ozone and Carbon dioxide

C: Nitrogen and Oxygen

Nitrogen and Oxygen

D: Nitrous oxide and Sulphur dioxide

Nitrous oxide and Sulphur dioxide

**Correct Alternative:- D**

119 According to direct democratic system of government :  
According to direct democratic system of government :

A: All government officials are appointed by the Parliament

All government officials are appointed by the Parliament

B: People appoint the government servants

People appoint the government servants

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C: People take part in the administration of the country

People take part in the administration of the country

D: People directly elect their President

People directly elect their President

**Correct Alternative:- C**

120 The Highest court in England:  
The Highest court in England:

A: Supreme Court

Supreme Court

B: High Court

High Court

C: Privy Council

Privy Council

D: House of Lords

House of Lords

**Correct Alternative:- D**

121 The Mahatma Gandhi community colleges have been opened in Tamil Nadu in which among the following ?

The Mahatma Gandhi community colleges have been opened in Tamil Nadu in which among the following ?

A: District with low education ratio

District with low education ratio

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B: Educationally backward districts with low income  
Educationally backward districts with low income

C: Districts with more SC and ST Population  
Districts with more SC and ST Population

D: Prisons, for imparting vocational training  
Prisons, for imparting vocational training

**Correct Alternative:- D**

122 Identify the need that Ashok will get in his ambition of becoming a class representative.  
Identify the need that Ashok will get in his ambition of becoming a class representative.

A: Aggression  
Aggression

B: Achievement  
Achievement

C: Maternal  
Maternal

D: Social approval  
Social approval

**Correct Alternative:- B**

123 We forget the things we do not want to remember by burying them in our unconsciousness is called \_\_\_\_\_ forgetting.

We forget the things we do not want to remember by burying them in our unconsciousness is called \_\_\_\_\_ forgetting.

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A: Morbid

Morbid

B: Refined

Refined

C: Inference

Inference

D: Purposeful

Purposeful

**Correct Alternative:- A**

124 Of the first seven gifts called by Froebel's name, \_\_\_\_\_ consists of a big wooden cube, divided into eight smaller equal cubes.

Of the first seven gifts called by Froebel's name, \_\_\_\_\_ consists of a big wooden cube, divided into eight smaller equal cubes.

A: Gift 7

Gift 7

B: Gift 3

Gift 3

C: Gift 1

Gift 1

D: Gift 2

Gift 2

**Correct Alternative:- B**

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125 \_\_\_\_\_ model is intended to increase efficiency of information processing capacities to meaningfully absorb and relate bodies of knowledge.

\_\_\_\_\_ model is intended to increase efficiency of information processing capacities to meaningfully absorb and relate bodies of knowledge.

A: Concept attainment

Concept attainment

B: Inquiry training

Inquiry training

C: Inductive thinking

Inductive thinking

D: Advance organizer

Advance organizer

**Correct Alternative:- D**

126 \_\_\_\_\_ mechanism is the exclusion from consciousness of anxiety-producing memories, thoughts or impulses.

\_\_\_\_\_ mechanism is the exclusion from consciousness of anxiety-producing memories, thoughts or impulses.

A: Regression

Regression

B: Aggression

Aggression

C: Repression

Repression

D: Fear reduction

Fear reduction



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**Correct Alternative:- C**

- 127 An individual responds to a new situation on the basis of the responses made by him in similar situations in the past due to the law of \_\_\_\_\_.  
An individual responds to a new situation on the basis of the responses made by him in similar situations in the past due to the law of \_\_\_\_\_.

A: varied reactions

varied reactions

B: attitude

attitude

C: analogy

analogy

D: associative shifting

associative shifting

**Correct Alternative:- C**

- 128 'Compulsory Mis-education' is the work of \_\_\_\_\_.  
'Compulsory Mis-education' is the work of \_\_\_\_\_.

A: John Holt

John Holt

B: Charles Silberman

Charles Silberman

C: Paul Goodman

Paul Goodman

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D: Ivan Illich  
Ivan Illich

**Correct Alternative:- C**

129 NCERT has been publishing a half-yearly research journal titled \_\_\_\_\_ since \_\_\_\_\_.  
NCERT has been publishing a half-yearly research journal titled \_\_\_\_\_ since \_\_\_\_\_.

A: Indian Educational Review, 1967  
Indian Educational Review, 1967

B: Pre-Primary Teacher, 1986  
Pre-Primary Teacher, 1986

C: Resonance, 1992  
Resonance, 1992

D: Education, Research and Training, 2002  
Education, Research and Training, 2002

**Correct Alternative:- A**

130 In classical conditioning the process by which an organism learns to respond to stimuli similar but not identical to the training stimulus is \_\_\_\_\_.  
In classical conditioning the process by which an organism learns to respond to stimuli similar but not identical to the training stimulus is \_\_\_\_\_.

A: Stimulus generalization  
Stimulus generalization

B: Spontaneous recovery  
Spontaneous recovery

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C: Extinction of conditioning  
Extinction of conditioning

D: Stimulus discrimination  
Stimulus discrimination

**Correct Alternative:- A**

- 131 When the emotions develop under supervision, children learn to respond with behaviour that is accepted by the group. This can be classified as \_\_\_\_\_ in the role of learning in children's emotions.  
When the emotions develop under supervision, children learn to respond with behaviour that is accepted by the group. This can be classified as \_\_\_\_\_ in the role of learning in children's emotions.

A: Learning by Trial and Error  
Learning by Trial and Error

B: Conditioning  
Conditioning

C: Learning by Imitation  
Learning by Imitation

D: Training  
Training

**Correct Alternative:- D**

- 132 According to Bruner, the specific quality of a concept that differentiates it from other concept can be defined as :  
According to Bruner, the specific quality of a concept that differentiates it from other concept can be defined as :

A: abstract

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abstract

B: attribute

attribute

C: concrete

concrete

D: experience

experience

**Correct Alternative:- B**

133 At this stage of Erikson's psycho-social development, children begin to identify with the appropriate adult and to model, or copy, aspects of the adult's behaviour :

At this stage of Erikson's psycho-social development, children begin to identify with the appropriate adult and to model, or copy, aspects of the adult's behaviour :

A: Initiative Vs Guilt

Initiative Vs Guilt

B: Mastery Vs Inferiority

Mastery Vs Inferiority

C: Autonomy Vs Shame

Autonomy Vs Shame

D: Identity Vs Diffusion

Identity Vs Diffusion

**Correct Alternative:- A**

134 Which one of the following describes best the meaning of 'Nirvana' ?

Which one of the following describes best the meaning of 'Nirvana' ?

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A: Freedom from the 'self'

Freedom from the 'self'

B: Freedom from Worldly life

Freedom from Worldly life

C: Freedom from the cycle of rebirth

Freedom from the cycle of rebirth

D: Freedom from consciousness

Freedom from consciousness

**Correct Alternative:- C**

135 The pedagogy that operates at the level of self regulating individual micro and macro systems such as teaching machines and institutions is \_\_\_\_\_.

The pedagogy that operates at the level of self regulating individual micro and macro systems such as teaching machines and institutions is \_\_\_\_\_.

A: Programmed instruction

Programmed instruction

B: Synergism

Synergism

C: Operant conditioning

Operant conditioning

D: Cybernetics

Cybernetics

**Correct Alternative:- D**

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136 \_\_\_\_\_ divides school into two groups A and B, In this A received instruction on 3R's and B studied arts, games and other areas like gym and artroom.

\_\_\_\_\_ divides school into two groups A and B, In this A received instruction on 3R's and B studied arts, games and other areas like gym and artroom.

A: Laboratory School

Laboratory School

B: Montessori Schooling System

Montessori Schooling System

C: Deschooling System

Deschooling System

D: Platoon System

Platoon System

**Correct Alternative:- D**

137 Which one of the following is considered to be the basis for imagining, creating, associating meanings and reasoning ?

Which one of the following is considered to be the basis for imagining, creating, associating meanings and reasoning ?

A: Animism

Animism

B: Maturation

Maturation

C: Interest

Interest

D: Memory

Memory

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**Correct Alternative:- D**

- 138 There will be a great sense of difficulty in maintaining posture, walking, climbing and in controlling voluntary movements such as reaching, grasping and manipulating, without \_\_\_\_\_.  
There will be a great sense of difficulty in maintaining posture, walking, climbing and in controlling voluntary movements such as reaching, grasping and manipulating, without \_\_\_\_\_.

A: Visceral responses

Visceral responses

B: Apparent motion

Apparent motion

C: Assertiveness training

Assertiveness training

D: Kinesthesia

Kinesthesia

**Correct Alternative:- D**

- 139 In \_\_\_\_\_ type of concept, attributes and values are substituted for one another. For example, if we say 'two figures or two circles', in this the attributes are form and number but the value of the number remains the same.

In \_\_\_\_\_ type of concept, attributes and values are substituted for one another. For example, if we say 'two figures or two circles', in this the attributes are form and number but the value of the number remains the same.

A: Relational Concept

Relational Concept

B: Conjunctive Concept

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Conjunctive Concept

C: Disjunctive Concept

Disjunctive Concept

D: Void Concept

Void Concept

**Correct Alternative:- C**

140 The report of the National Commission on Teachers-I was entitled as, \_\_\_\_\_.  
The report of the National Commission on Teachers-I was entitled as, \_\_\_\_\_.

A: Teacher, Pupil and School

Teacher, Pupil and School

B: The Teacher and Society

The Teacher and Society

C: 'The Teacher'

'The Teacher'

D: The Teacher and Nation Building

The Teacher and Nation Building

**Correct Alternative:- B**

141 \_\_\_\_\_ reinforcers differ considerably from the concept of punishment. Unlike punishment these are designed to strengthen an escape response, not to inhibit an undesirable response.  
\_\_\_\_\_ reinforcers differ considerably from the concept of punishment. Unlike punishment these are designed to strengthen an escape response, not to inhibit an undesirable response.

A: Positive



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Positive

B: Negative

Negative

C: Neutral

Neutral

D: Zero

Zero

**Correct Alternative:- B**

- 142 The DANIDA-TNAHCP initiative of Tamil Nadu state is related to which among the following sectors ?  
The DANIDA-TNAHCP initiative of Tamil Nadu state is related to which among the following sectors ?

A: Housing

Housing

B: Health

Health

C: Education

Education

D: Horticulture

Horticulture

**Correct Alternative:- B**

- 143 The 'Indian Council of Philosophical Research(ICPR)' was established in \_\_\_\_\_ by the ministry of education, Govt. of India.  
The 'Indian Council of Philosophical Research(ICPR)' was established in \_\_\_\_\_ by the ministry of education, Govt. of India.

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A: 1962

1962

B: 1977

1977

C: 1985

1985

D: 1999

1999

**Correct Alternative:- B**

144 Akila generally appears sad, expresses in writing rather than speaking, is interested in reading of the following in which type did J.C. Jung classify him ?

Akila generally appears sad, expresses in writing rather than speaking, is interested in reading of the following in which type did J.C. Jung classify him ?

A: Introvert intuitive type

Introvert intuitive type

B: Extrovert intuitive type

Extrovert intuitive type

C: Introvert sensational type

Introvert sensational type

D: Extrovert feeling type

Extrovert feeling type

**Correct Alternative:- C**

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145 Which theory is popularly known as the Jukebox Theory ?  
Which theory is popularly known as the Jukebox Theory ?

- A: Schchter and singer theory of emotion  
Schchter and singer theory of emotion
- B: Arnold's excitatory theory of emotion  
Arnold's excitatory theory of emotion
- C: Maclean's theory of emotion  
Maclean's theory of emotion
- D: Papez's theory of emotion  
Papez's theory of emotion

**Correct Alternative:- A**

146 'Sriniketan' is a constituent institution of VisvaBharti University, is an institute of \_\_\_\_\_.  
'Sriniketan' is a constituent institution of VisvaBharti University, is an institute of \_\_\_\_\_.

- A: Teacher Training and Education  
Teacher Training and Education
- B: Languages  
Languages
- C: Fine arts and crafts  
Fine arts and crafts
- D: Rural reconstruction  
Rural reconstruction

**Correct Alternative:- D**

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147 Activities such as writing an essay, drawing a picture to depict the seasons of the year, constructing an exhibit for the school science fair, represents \_\_\_\_\_.

Activities such as writing an essay, drawing a picture to depict the seasons of the year, constructing an exhibit for the school science fair, represents \_\_\_\_\_.

A: Application

Application

B: Analysis

Analysis

C: Synthesis

Synthesis

D: Evaluation

Evaluation

**Correct Alternative:- C**

148 In Froebel's Kindergarten, full freedom is given to the child to handle gifts, educational toys in the way he/she likes. Such activities connected with these gifts are called \_\_\_\_\_.

In Froebel's Kindergarten, full freedom is given to the child to handle gifts, educational toys in the way he/she likes. Such activities connected with these gifts are called \_\_\_\_\_.

A: Occupations

Occupations

B: Childs Play

Childs Play

C: Engagement

Engagement

D: Life Work

Life Work

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**Correct Alternative:- A**

149 \_\_\_\_\_ is also known as Adlerian Therapy.  
\_\_\_\_\_ is also known as Adlerian Therapy.

- A: Individual Psychology  
Individual Psychology
- B: Client Centered Psychology  
Client Centered Psychology
- C: Behavioural Theory  
Behavioural Theory
- D: Reality Therapy  
Reality Therapy

**Correct Alternative:- A**

150 Education methodology modelled by Paulo Freire is \_\_\_\_\_.  
Education methodology modelled by Paulo Freire is \_\_\_\_\_.

- A: Active learning method  
Active learning method
- B: Conscientization

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Conscientization

C: Self-perpetuation

Self-perpetuation

D: Participation

Participation

**Correct Alternative:- B**