

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

- 1 Life history, diaries, letters and _____ can be collectively called as personal documents.
Life history, diaries, letters and _____ can be collectively called as personal documents.

A: Journal

Journal

B: Radio

Radio

C: Memories

Memories

D: Newspaper

Newspaper

Correct Alternative:- C

- 2 Questionnaire is a _____.
Questionnaire is a _____.

A: Research Method

Research Method

B: Measurement technique

Measurement technique

C: Data analysis technique

Data analysis technique

D: Tool for data collection

Tool for data collection

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Correct Alternative:- D

- 3 Questionnaires can address events and characteristics that take place in the _____ .
Questionnaires can address events and characteristics that take place in the _____ .

A: past

past

B: present

present

C: future

future

D: past, present and future

past, present and future

Correct Alternative:- D

- 4 In case of _____ the literacy level of respondents does not matter.
In case of _____ the literacy level of respondents does not matter.

A: Questionnaire

Questionnaire

B: Schedule

Schedule

C: Both Questionnaire and Schedule

Both Questionnaire and Schedule

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D: Telephonic interview
Telephonic interview

Correct Alternative:- D

- 5 The process of arranging data in groups according to similarities in characteristics is technically termed as :
The process of arranging data in groups according to similarities in characteristics is technically termed as :

A: Transcription
Transcription
B: Classification
Classification
C: Coding
Coding
D: Grouping
Grouping

Correct Alternative:- B

- 6 _____ is concerned less with the style of the text than the ideas contained in it.
_____ is concerned less with the style of the text than the ideas contained in it.

A: Tabulation
Tabulation

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B: Content Analysis

Content Analysis

C: Summary

Summary

D: Abstract

Abstract

Correct Alternative:- B

7 Classes with _____ frequency should neither be added with other classes nor they should be omitted.

Classes with _____ frequency should neither be added with other classes nor they should be omitted.

A: Minimum

Minimum

B: Maximum

Maximum

C: Zero

Zero

D: Equal

Equal

Correct Alternative:- C

8 The tables are prepared with reference to the _____ which have a direct bearing on

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the method of analysis.

The tables are prepared with reference to the _____ which have a direct bearing on the method of analysis.

A: Data

Data

B: Hypothesis

Hypothesis

C: Observation

Observation

D: Columns and rows

Columns and rows

Correct Alternative:- B

- 9 A _____ is a systematic arrangement of statistical data in columns and rows.
A _____ is a systematic arrangement of statistical data in columns and rows.

A: Table

Table

B: Chart

Chart

C: Pie diagram

Pie diagram

D: Histogram

Histogram

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Correct Alternative:- A

- 10 The _____ of the table contains the numerical information.
The _____ of the table contains the numerical information.

A: Headnote

Headnote

B: Footnotes

Footnotes

C: Table number

Table number

D: Body

Body

Correct Alternative:- D

- 11 Data can be tabulated in a very short-time using _____.
Data can be tabulated in a very short-time using _____.

A: Mechanical tabulation

Mechanical tabulation

B: Mannual tabulation

Mannual tabulation

C: Computer tabulation

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Computer tabulation
D: Combined tabulation
Combined tabulation

Correct Alternative:- A

- 12 The ratio between the sum of the observation and the number of observations is defined as
:
The ratio between the sum of the observation and the number of observations is defined as
:

A: Average
Average
B: Arithmetic Mean
Arithmetic Mean
C: Median
Median
D: Range
Range

Correct Alternative:- B

- 13 Mode is the value for which the frequency is :
Mode is the value for which the frequency is :

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- A: Equal
Equal
- B: Minimum
Minimum
- C: Maximum
Maximum
- D: Quartile
Quartile

Correct Alternative:- C

- 14 In calculating median it is necessary to _____ the data.
In calculating median it is necessary to _____ the data.

- A: Add
Add
- B: Average
Average
- C: Arrange
Arrange
- D: Split up
Split up

Correct Alternative:- C

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- 15 _____ may give us a value that does not exist in the data.
_____ may give us a value that does not exist in the data.

A: Median

Median

B: Average

Average

C: Mode

Mode

D: Maximum point

Maximum point

Correct Alternative:- B

- 16 Difference between the value of the smallest and largest item included in the distribution is called :
Difference between the value of the smallest and largest item included in the distribution is called :

A: Co-efficient of Range

Co-efficient of Range

B: Variation

Variation

C: Variance

Variance

D: Range

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Range

Correct Alternative:- D

- 17 High quartile deviation means that the variation among the central item is :
High quartile deviation means that the variation among the central item is :

A: Large

Large

B: Small

Small

C: Zero

Zero

D: Equal

Equal

Correct Alternative:- A

- 18 What is the co-efficient of range if $L-S=50$ and $L+S=70$?
What is the co-efficient of range if $L-S=50$ and $L+S=70$?

A: 0.714

0.714

B: 1.40

1.40

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C: 0.47

0.47

D: 4.10

4.10

Correct Alternative:- A

19 _____ is the half of the difference between the third quartile and the first quartile.
_____ is the half of the difference between the third quartile and the first quartile.

A: Quartile ratio

Quartile ratio

B: Quartile co-efficient

Quartile co-efficient

C: Quartile range

Quartile range

D: Quartile deviation

Quartile deviation

Correct Alternative:- D

20 The values of sales orders booked by the salesmen is Rs. 75,000, Rs. 1,00,000, Rs. 50,000, Rs. 1,75,000, Rs. 3,00,000 and Rs. 4,00,000.

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Find the median value.

The values of sales orders booked by the salesmen is Rs. 75,000, Rs. 1,00,000, Rs. 50,000, Rs. 1,75,000, Rs. 3,00,000 and Rs. 4,00,000.

Find the median value.

A: Rs. 1,50,0000

Rs. 1,50,0000

B: Rs. 1,75,000

Rs. 1,75,000

C: Rs. 1,62,500

Rs. 1,62,500

D: Rs. 75,000

Rs. 75,000

Correct Alternative:- C

- 21 The process of systematic arrangement of data in rows and columns is called as :
The process of systematic arrangement of data in rows and columns is called as :

A: Array

Array

B: Tabulation

Tabulation

C: Classification

Classification

D: Linear Arrangement

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Linear Arrangement

Correct Alternative:- B

22 The average value of the lower and upper limit of a class is called :
The average value of the lower and upper limit of a class is called :

A: Midpoint

Midpoint

B: Class boundary

Class boundary

C: Class interval

Class interval

D: Class frequency

Class frequency

Correct Alternative:- A

23 The graph of the normal distribution depends on :
The graph of the normal distribution depends on :

A: Harmonic mean and Standard deviation

Harmonic mean and Standard deviation

B: Harmonic mean

Harmonic mean

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C: Mean and Standard deviation

Mean and Standard deviation

D: Standard deviation

Standard deviation

Correct Alternative:- C

24 A tabular method that can be used to summarize the data on two variables simultaneously is called as :

A tabular method that can be used to summarize the data on two variables simultaneously is called as :

A: Equations

Equations

B: Gross tabulation

Gross tabulation

C: Histogram

Histogram

D: Ogive

Ogive

Correct Alternative:- B

25 The difference between the lower class limits of adjacent classes provides the _____.
The difference between the lower class limits of adjacent classes provides the _____.

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A: No. of classes

No. of classes

B: Class limits

Class limits

C: Class midpoint

Class midpoint

D: Class width

Class width

Correct Alternative:- D

26 The graph of cumulative frequency is called as _____.
The graph of cumulative frequency is called as _____.

A: Frequency polygon

Frequency polygon

B: Histogram

Histogram

C: Cumulative frequency polygon

Cumulative frequency polygon

D: Ogives

Ogives

Correct Alternative:- C

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- 27 The undesirable changes in a food that makes it unsafe for human consumption is referred as :
- The undesirable changes in a food that makes it unsafe for human consumption is referred as :
- A: Food decay
 Food decay
- B: Food spoilage
 Food spoilage
- C: Food loss
 Food loss
- D: All of these
 All of these

Correct Alternative:- B

- 28 Botulism is caused by :
- Botulism is caused by :
- A: Clostridium Botulinum
 Clostridium Botulinum
- B: All Clostridium species
 All Clostridium species
- C: Clostridium tetani
 Clostridium tetani
- D: Clostridium perfringens

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Clostridium perfringens

Correct Alternative:- A

- 29 The clostridium Perfringens poisoning is associated with the spoilage of _____.
The clostridium Perfringens poisoning is associated with the spoilage of _____.

A: Meat Products

Meat Products

B: Vegetables

Vegetables

C: Canned Foods

Canned Foods

D: Fish Products

Fish Products

Correct Alternative:- A

- 30 Which one of the following is true regarding staphylococcus food poisoning ?
Which one of the following is true regarding staphylococcus food poisoning ?

A: Causes gastroenteritis

Causes gastroenteritis

B: Is an endotoxin

Is an endotoxin

C: Produces clostridium

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Produces clostridium

D: Causes brain damage

Causes brain damage

Correct Alternative:- A

31 Salmonellosis involves _____ food poisoning.
Salmonellosis involves _____ food poisoning.

A: Enterotoxin and exotoxin

Enterotoxin and exotoxin

B: Enterotoxin and cyclotoxin

Enterotoxin and cyclotoxin

C: Exotoxin and cytotoxin

Exotoxin and cytotoxin

D: Cytotoxin only

Cytotoxin only

Correct Alternative:- B

32 The intrinsic factors required for the microbial growth are :
The intrinsic factors required for the microbial growth are :

A: pH and Moisture

pH and Moisture

B: Moisture

Moisture

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C: Oxidation-Reduction Potential

Oxidation-Reduction Potential

D: pH, Moisture, Oxidation-Reduction Potential

pH, Moisture, Oxidation-Reduction Potential

Correct Alternative:- D

33 The bacteria present in raw or undercooked meat, eggs, seafood and unpasteurized milk is :
The bacteria present in raw or undercooked meat, eggs, seafood and unpasteurized milk is :

A: E.coli

E.coli

B: Salmonella

Salmonella

C: Staphylococcus

Staphylococcus

D: Streptococcus

Streptococcus

Correct Alternative:- B

34 The botulinum is a exotoxin produced by clostridium botulinum is secreted by :
The botulinum is a exotoxin produced by clostridium botulinum is secreted by :

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A: Bacteria

Bacteria

B: Virus

Virus

C: Algae

Algae

D: Moulds

Moulds

Correct Alternative:- A

35 The package, which is the main package that holds the food, that is being processed :
The package, which is the main package that holds the food, that is being processed :

A: Primary

Primary

B: Secondary

Secondary

C: Tertiary

Tertiary

D: Basic

Basic

Correct Alternative:- A

36 'Food Safety and Standard Authority of India' to perform the functions assigned under :
'Food Safety and Standard Authority of India' to perform the functions assigned under :

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- A: Food Products Order
Food Products Order
- B: World Trade Organization
World Trade Organization
- C: The Food Safety and Standard Act
The Food Safety and Standard Act
- D: Food Products Organization
Food Products Organization

Correct Alternative:- C

- 37 These microorganisms are activated, when foods are kept exposed or sold in unhygienic surroundings, are :
- These microorganisms are activated, when foods are kept exposed or sold in unhygienic surroundings, are :

- A: shigella sonnei
shigella sonnei
- B: trichinella spiralis
trichinella spiralis
- C: entamoeba
entamoeba
- D: histolytica
histolytica

Correct Alternative:- A

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38 The Stevia plant's extract is used as :
The Stevia plant's extract is used as :

A: anti coagulants

anti coagulants

B: non calorie sweetners

non calorie sweetners

C: anti oxidants

anti oxidants

D: emulsifiers

emulsifiers

Correct Alternative:- B

39 Which color was first recognised by man ?
Which color was first recognised by man ?

A: White

White

B: Green

Green

C: Black

Black

D: Blue

Blue

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Correct Alternative:- C

- 40 Which among the following is size relationship of various components of flower arrangement ?
Which among the following is size relationship of various components of flower arrangement ?

A: Design

Design

B: Scale

Scale

C: Balance

Balance

D: Focus

Focus

Correct Alternative:- B

- 41 The fluorescent tube of _____ wattage is recommended for kitchen.
The fluorescent tube of _____ wattage is recommended for kitchen.

A: 40

40

B: 60

60

C: 80

80

D: 100

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100

Correct Alternative:- C

42 An arrangement of parts, form and color is termed as :
An arrangement of parts, form and color is termed as :

A: Pattern

Pattern

B: Accessories

Accessories

C: Design

Design

D: Fashion

Fashion

Correct Alternative:- C

43 The side panel that makes handbag larger or smaller by gently folding inward is called :
The side panel that makes handbag larger or smaller by gently folding inward is called :

A: Frame

Frame

B: Gusset

Gusset

C: Lining

Lining

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D: Handle

Handle

Correct Alternative:- B

44 _____ is the most basic determinant of persons' wants and behaviour which affects clothing selection.

_____ is the most basic determinant of persons' wants and behaviour which affects clothing selection.

A: Psychological

Psychological

B: Social

Social

C: Culture

Culture

D: Personal

Personal

Correct Alternative:- C

45 During pregnancy and lactation, ICMR prescribed calcium is _____ mg/day.

During pregnancy and lactation, ICMR prescribed calcium is _____ mg/day.

A: 1000

1000

B: 1200

1200

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C: 1400

1400

D: 1600

1600

Correct Alternative:- B

46 ICMR - RDA, iron requirement during lactation is :
ICMR - RDA, iron requirement during lactation is :

A: 15 mg/day

15 mg/day

B: 20 mg/day

20 mg/day

C: 25 mg/day

25 mg/day

D: 30 mg/day

30 mg/day

Correct Alternative:- C

47 At the time of conception, the vitamin which cause spina bifida :
At the time of conception, the vitamin which cause spina bifida :

A: Niacin

Niacin

B: Riboflavin

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Riboflavin

C: Thiamin

Thiamin

D: Folate

Folate

Correct Alternative:- D

48 Vitamin which reduces the number of spontaneous abortions and still birth is :
Vitamin which reduces the number of spontaneous abortions and still birth is :

A: A

A

B: D

D

C: E

E

D: K

K

Correct Alternative:- C

49 The vitamin essential for the development of RBC, which increases as the mothers blood volume increases :
The vitamin essential for the development of RBC, which increases as the mothers blood volume increases :

A: Thiamin

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- Thiamin
B: Niacin
Niacin
C: Vitamin B6
Vitamin B6
D: Folic acid
Folic acid

Correct Alternative:- D

- 50 The principal site of production for several hormones responsible for regulation of foetal growth and development is :
The principal site of production for several hormones responsible for regulation of foetal growth and development is :

- A: uterus
uterus
B: placenta
placenta
C: fallopian tube
fallopian tube
D: womb
womb

Correct Alternative:- B

- 51 Lactose in human milk facilitates the absorption of :
Lactose in human milk facilitates the absorption of :

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A: Mg and Ca

Mg and Ca

B: Ca and Fe

Ca and Fe

C: Mg and Mn

Mg and Mn

D: Ca and Mn

Ca and Mn

Correct Alternative:- A

52 The quantity of colostrum secreted, during the first two or three days after delivery is :
The quantity of colostrum secreted, during the first two or three days after delivery is :

A: 10 - 20 ml

10 - 20 ml

B: 10 - 30 ml

10 - 30 ml

C: 10 - 40 ml

10 - 40 ml

D: 10 - 50 ml

10 - 50 ml

Correct Alternative:- C

53 Introduction of semisolid and solid foods to the infants is termed as _____ foods.

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Introduction of semisolid and solid foods to the infants is termed as _____ foods.

A: weaning

weaning

B: supplementary

supplementary

C: artificial feeding

artificial feeding

D: special feeding

special feeding

Correct Alternative:- A

54 Breast milk is rich source of _____ and poor source of _____.
Breast milk is rich source of _____ and poor source of _____.

A: Na and P

Na and P

B: Ca and P

Ca and P

C: Ca and Fe

Ca and Fe

D: Na and K

Na and K

Correct Alternative:- C

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55 According to whom the family life cycle can be divided into Eight ?
According to whom the family life cycle can be divided into Eight ?

A: Gross and Crandall

Gross and Crandall

B: Nickel and Dorsey

Nickel and Dorsey

C: Bigelow

Bigelow

D: Mullick

Mullick

Correct Alternative:- C

56 In systems language, the common boundary between two systems is known as _____.
In systems language, the common boundary between two systems is known as _____.

A: Environment

Environment

B: Interface

Interface

C: Subsystem

Subsystem

D: Frontier

Frontier

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Correct Alternative:- C

- 57 The term _____ is examining actions for conformity to the planned standards and sequences.
The term _____ is examining actions for conformity to the planned standards and sequences.

- A: Planning
 Planning
B: Controlling
 Controlling
C: Facilitating
 Facilitating
D: Checking
 Checking

Correct Alternative:- D

- 58 The portion of output which enters as input to affect succeeding output is _____.
The portion of output which enters as input to affect succeeding output is _____.

- A: Feedback
 Feedback
B: Events
 Events
C: Goals
 Goals
D: Demands

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Demands

Correct Alternative:- D

59 Moderate work requires between _____ more energy than the resting energy.
Moderate work requires between _____ more energy than the resting energy.

A: 100 - 120%

100 - 120%

B: 100 - 130%

100 - 130%

C: 100 - 140%

100 - 140%

D: 100 - 150%

100 - 150%

Correct Alternative:- D

60 When activity at home is observed to be more concentrated in certain periods of time it is _____.
When activity at home is observed to be more concentrated in certain periods of time it is _____.

A: Physiological fatigue

Physiological fatigue

B: Psychological fatigue

Psychological fatigue

C: Boredom fatigue

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Boredom fatigue

D: Peak load

Peak load

Correct Alternative:- D

- 61 When dishes are rinsed in a drainer and allowed without wiping, it involves change in _____.
When dishes are rinsed in a drainer and allowed without wiping, it involves change in _____.

A: Body position

Body position

B: Working arrangement

Working arrangement

C: Eliminating unnecessary movement

Eliminating unnecessary movement

D: Change in equipment

Change in equipment

Correct Alternative:- D

- 62 The device originated in industry to study changes in output of work over a period of time is _____.
The device originated in industry to study changes in output of work over a period of time is _____.

A: Peak load

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Peak load

B: Work curve

Work curve

C: Rest period

Rest period

D: Work simplification

Work simplification

Correct Alternative:- B

63 Which among the following is an end towards the accomplishment of which an individual or family is willing to work ?

Which among the following is an end towards the accomplishment of which an individual or family is willing to work ?

A: Value

Value

B: Goal

Goal

C: Attitude

Attitude

D: Standard

Standard

Correct Alternative:- B

64 In the scheme of _____ the employees get the money at the time of retirement but not the monthly pension.

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In the scheme of _____ the employees get the money at the time of retirement but not the monthly pension.

A: General P.F.

General P.F.

B: Contributory P.F.

Contributory P.F.

C: Public P.F.

Public P.F.

D: Provident Fund

Provident Fund

Correct Alternative:- B

65 The father who maintains and repairs electrical gadgets is an example for _____ income.

The father who maintains and repairs electrical gadgets is an example for _____ income.

A: Money

Money

B: Real

Real

C: Psychic

Psychic

D: Realized

Realized

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Correct Alternative:- B

66 _____ means the way a message is processed so that the information gets across the audience.
_____ means the way a message is processed so that the information gets across the audience.

A: Presentation

Presentation

B: Treatment

Treatment

C: Channel

Channel

D: Research

Research

Correct Alternative:- B

67 Extension communication is never complete without _____ information.
Extension communication is never complete without _____ information.

A: source

source

B: feedback

feedback

C: skilled

skilled

D: proper

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proper

Correct Alternative:- B

68 A message received by an individual is interpreted in terms of _____ of the individual.

A message received by an individual is interpreted in terms of _____ of the individual.

A: Perception

Perception

B: Fidelity

Fidelity

C: Frame of reference

Frame of reference

D: Empathy

Empathy

Correct Alternative:- C

69 Use of computer based information technology can significantly reduce _____ in communication.

Use of computer based information technology can significantly reduce _____ in communication.

A: Communication gap

Communication gap

B: Conflicts

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Conflicts

C: Fidelity

Fidelity

D: Timelag

Timelag

Correct Alternative:- D

70 In a medium group of communication, the group consists of _____ person.
In a medium group of communication, the group consists of _____ person.

A: 25 to 30

25 to 30

B: 25 to 35

25 to 35

C: 25 to 40

25 to 40

D: 25 to 50

25 to 50

Correct Alternative:- D

71 Rogers and Shoemaker thought the communication process in _____ model.
Rogers and Shoemaker thought the communication process in _____ model.

A: SMCRE

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SMCRE

B: SMREC

SMREC

C: SCRME

SCRME

D: SMRCE

SMRCE

Correct Alternative:- A

72 Pentometer is used to measure gel strength is called as :
Pentometer is used to measure gel strength is called as :

A: Bloom Gelometer

Bloom Gelometer

B: Gelometer

Gelometer

C: Tenderometer

Tenderometer

D: Succulometer

Succulometer

Correct Alternative:- A

73 Thermal breakdown of fat produces that will irritates eye :
Thermal breakdown of fat produces that will irritates eye :

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A: glycerol

glycerol

B: acrolein

acrolein

C: hydrocarbon

hydrocarbon

D: glycerides

glycerides

Correct Alternative:- B

74 Identify the compound having small molecular weight which form true solution :
Identify the compound having small molecular weight which form true solution :

A: Sugar

Sugar

B: Protein

Protein

C: Starch

Starch

D: Agar agar

Agar agar

Correct Alternative:- A

75 Enzymatic browning in fruits and vegetables is due to the formation of :
Enzymatic browning in fruits and vegetables is due to the formation of :

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- A: polyphenol oxidase
polyphenol oxidase
- B: tyrosinase
tyrosinase
- C: melanin
melanin
- D: quinones
quinones

Correct Alternative:- A

- 76 The vapour pressure, boiling point, freezing point and osmotic pressure are referred to as :
The vapour pressure, boiling point, freezing point and osmotic pressure are referred to as :

- A: colligative properties
colligative properties
- B: colloidal properties
colloidal properties
- C: physicochemical properties
physicochemical properties
- D: natural properties
natural properties

Correct Alternative:- A

- 77 Severe cardiac pain is known as :

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Severe cardiac pain is known as :

A: Angina

Angina

B: Stroke

Stroke

C: Thrombosis

Thrombosis

D: Infarction

Infarction

Correct Alternative:- A

78 Sippy's diet is recommended for :
Sippy's diet is recommended for :

A: peptic ulcer

peptic ulcer

B: fever

fever

C: constipation

constipation

D: cirrhosis

cirrhosis

Correct Alternative:- A

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79 Esophageal varies is one of the complications observed in :
Esophageal varies is one of the complications observed in :

A: cirrhosis

 cirrhosis

B: hepatitis

 hepatitis

C: jaundice

 jaundice

D: hepatic coma

 hepatic coma

Correct Alternative:- A

80 The mineral essential for the production of glutathione peroxidase is :
The mineral essential for the production of glutathione peroxidase is :

A: Selenium

 Selenium

B: Magnesium

 Magnesium

C: Bromine

 Bromine

D: Iodine

 Iodine

Correct Alternative:- A

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81 Triopathy is chronic complication of :
Triopathy is chronic complication of :

A: cardiovascular disease
cardiovascular disease

B: diabetes mellitus
diabetes mellitus

C: Alzheimer's diseases
Alzheimer's diseases

D: Parkinson's disease
Parkinson's disease

Correct Alternative:- B

82 There are _____ types of dialysis available for the treatment of renal failure.
There are _____ types of dialysis available for the treatment of renal failure.

A: Five
Five

B: Four
Four

C: Three
Three

D: Two
Two

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Correct Alternative:- D

- 83 The requirement of fibre is the age of the child plus _____ g of dietary fibre.
The requirement of fibre is the age of the child plus _____ g of dietary fibre.

A: 5

5

B: 10

10

C: 15

15

D: 20

20

Correct Alternative:- B

- 84 The hormone, which is given as a supplement to reinitiate menses during adolescence is :
The hormone, which is given as a supplement to reinitiate menses during adolescence is :

A: Oestrogen

Oestrogen

B: Progesteron

Progesteron

C: Prolactin

Prolactin

D: Oxytocin

Oxytocin

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Correct Alternative:- A

85 The common micronutrients deficiencies are :
The common micronutrients deficiencies are :

A: VAD, IDA and IDD

VAD, IDA and IDD

B: VAD, IDA and PEM

VAD, IDA and PEM

C: VDD, VBD and PEM

VDD, VBD and PEM

D: VBD, VAD and VDD

VBD, VAD and VDD

Correct Alternative:- A

86 Menstrual problems are mainly due to _____ among adolescents.
Menstrual problems are mainly due to _____ among adolescents.

A: Obesity and vitamin D deficiency

Obesity and vitamin D deficiency

B: Obesity and folic acid deficiency

Obesity and folic acid deficiency

C: Obesity and vitamin A deficiency

Obesity and vitamin A deficiency

D: Obesity and vitamin B deficiency

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Obesity and vitamin B deficiency

Correct Alternative:- A

87 During pregnancy, growth process is one of the important physiological changes which is combination of :

During pregnancy, growth process is one of the important physiological changes which is combination of :

- A: hyperplasia and hypertrophy
hyperplasia and hypertrophy
- B: hyperkalemia and hyperglycemia
hyperkalemia and hyperglycemia
- C: hyperuricemia and hypertrophy
hyperuricemia and hypertrophy
- D: hypertrophy and hyperkalemia
hypertrophy and hyperkalemia

Correct Alternative:- A

88 In young children, the additional anthropometric measurement used is :
In young children, the additional anthropometric measurement used is :

- A: weight
weight
- B: height
height
- C: arm circumference

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arm circumference
D: head circumference
head circumference

Correct Alternative:- C

- 89 Test for capillary fragility is :
Test for capillary fragility is :
- A: anthropometric measurements
anthropometric measurements
- B: biochemical estimation
biochemical estimation
- C: clinical examination
clinical examination
- D: biophysical method
biophysical method

Correct Alternative:- D

- 90 ICMR is funded by the Government of India through :
ICMR is funded by the Government of India through :
- A: MHFW
MHFW
- B: MHRD
MHRD

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C: AHRD

AHRD

D: NIN

NIN

Correct Alternative:- A

91 NNMB is located at :
NNMB is located at :

A: NIN

NIN

B: CFTRI

CFTRI

C: ICMR

ICMR

D: ICAR

ICAR

Correct Alternative:- A

92 Based on energy intake, the requirement of dietary fibre for adult is :
Based on energy intake, the requirement of dietary fibre for adult is :

A: 20 g/2000 Kcal

20 g/2000 Kcal

B: 30 g/2000 Kcal

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- 30 g/2000 Kcal
- C: 40 g/2000 Kcal
- 40 g/2000 Kcal
- D: 30 g/1000 Kcal
- 30 g/1000 Kcal

Correct Alternative:- A

93 The technique of applying dyes or pigments through a cut-out design or pattern is called _____.

The technique of applying dyes or pigments through a cut-out design or pattern is called _____.

- A: Stenciling
- Stenciling
- B: Batik
- Batik
- C: Screen
- Screen
- D: Block
- Block

Correct Alternative:- A

94 _____ is the process of colouring textile materials by immersing them in dyes.
_____ is the process of colouring textile materials by immersing them in dyes.

- A: Printing

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Printing

B: Screen printing

Screen printing

C: Dyeing

Dyeing

D: Batik

Batik

Correct Alternative:- C

95 _____ printing is more widely known as precursor to screen printing.
_____ printing is more widely known as precursor to screen printing.

A: Stencil

Stencil

B: Screen

Screen

C: Roller

Roller

D: Tie and dye

Tie and dye

Correct Alternative:- C

96 The source of consumer information elements are divided into _____.
The source of consumer information elements are divided into _____.

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A: Dependent

Dependent

B: Independent

Independent

C: Uncommercial

Uncommercial

D: Universal

Universal

Correct Alternative:- B

97 The third major set of product information source is _____ information.
The third major set of product information source is _____ information.

A: Personal

Personal

B: Dependent

Dependent

C: Independent

Independent

D: Commercial

Commercial

Correct Alternative:- C

98 _____ is the category of fashion editors of media looking at the fashion scene through the eyes of their average leader.

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_____ is the category of fashion editors of media looking at the fashion scene through the eyes of their average leader.

A: Journals

Journals

B: Advertisers

Advertisers

C: Magazines

Magazines

D: Newspapers

Newspapers

Correct Alternative:- C

99 _____ is concerned with consumer welfare in terms of price, choice, availability.
_____ is concerned with consumer welfare in terms of price, choice, availability.

A: Government Regulation

Government Regulation

B: Consumer Protection

Consumer Protection

C: Regulation Measures

Regulation Measures

D: Policy to consumer

Policy to consumer

Correct Alternative:- B

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100 The textile labelling act requires that prescribed consumer textile articles to be labelled in :
The textile labelling act requires that prescribed consumer textile articles to be labelled in :

A: French

French

B: English

English

C: English and French

English and French

D: English and Chinese

English and Chinese

Correct Alternative:- C

101 From the given information find the standard deviation of
 X ($\Sigma X = 235$, $\Sigma X^2 = 6750$, $N = 10$) :

A: 10.08

10.08

B: 11.08

11.08

C: 10.05

10.05

D: 11.05

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11.05

Correct Alternative:- B

102 The occurrence of botulism can be prevented by :
The occurrence of botulism can be prevented by :

A: Proper heat sterilization before food canning

Proper heat sterilization before food canning

B: Addition of Chemical Preservatives

Addition of Chemical Preservatives

C: Proper low temperature treatment before cooking

Proper low temperature treatment before cooking

D: Use of antibiotic

Use of antibiotic

Correct Alternative:- A

103 The direction in which fashion moves are called :
The direction in which fashion moves are called :

A: Trends

Trends

B: Style

Style

C: Classic

Classic

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D: Fad

Fad

Correct Alternative:- A

104 Which color is suitable for north facing rooms ?
Which color is suitable for north facing rooms ?

A: Red

Red

B: Blue

Blue

C: Green

Green

D: Violet

Violet

Correct Alternative:- A

105 The one which is expected to do work in a given period of time is called _____.
The one which is expected to do work in a given period of time is called _____.

A: Time Plan

Time Plan

B: Time Norm

Time Norm

C: Time Cost

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Time Cost

D: Time Schedule

Time Schedule

Correct Alternative:- A

106 Lactose/Protein ratio in human milk is :
Lactose/Protein ratio in human milk is :

A: 6 : 1

6 : 1

B: 7 : 1

7 : 1

C: 6 : 2

6 : 2

D: 7 : 2

7 : 2

Correct Alternative:- B

107 Breast milk gives _____ mg/d of iodine.
Breast milk gives _____ mg/d of iodine.

A: 50

50

B: 70

70

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C: 90

90

D: 110

110

Correct Alternative:- C

108 _____ refers to the column headings.
_____ refers to the column headings.

A: Headnotes

Headnotes

B: Footnotes

Footnotes

C: Caption

Caption

D: Footer

Footer

Correct Alternative:- C

109 Physiological anemia is common among :
Physiological anemia is common among :

A: pregnant women

pregnant women

B: lactating mothers

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lactating mothers

C: adults

adults

D: adolescents

adolescents

Correct Alternative:- A

- 110 In case of U shaped distribution the _____ is not likely to serve a useful purpose.
In case of U shaped distribution the _____ is not likely to serve a useful purpose.

A: Mean

Mean

B: Median

Median

C: Range

Range

D: Quartile

Quartile

Correct Alternative:- A

- 111 One of the corporations in Tamil Nadu is _____.
One of the corporations in Tamil Nadu is _____.

A: Kanyakumari

Kanyakumari

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B: Ariyalur

Ariyalur

C: Tirupur

Tirupur

D: Virudhunagar

Virudhunagar

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

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Fractional crystallisation

B: Simple distillation

Simple distillation

C: Sublimation

Sublimation

D: None of these

None of these

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 _____.

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A: Protein

Protein

B: Fat

Fat

C: Carbohydrate

Carbohydrate

D: Vitamin

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

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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

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

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- 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
- 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

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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
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

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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.

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

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- Gift 3
- C: Gift 1
- Gift 1
- D: Gift 2
- Gift 2

Correct Alternative:- B

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.

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A: Regression

Regression

B: Aggression

Aggression

C: Repression

Repression

D: Fear reduction

Fear reduction

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

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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

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

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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
- 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

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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

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 :

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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' ?

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

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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

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

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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

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

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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

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, _____.

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- 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
Positive
- B: Negative
Negative
- C: Neutral
Neutral
- D: Zero
Zero

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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.

- A: 1962
1962
B: 1977
1977
C: 1985

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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

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

A: Schachter and Singer theory of emotion

Schachter and Singer theory of emotion

B: Arnold's excitatory theory of emotion

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- 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

- 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 _____.

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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
Conscientization
- C: Self-perpetuation
Self-perpetuation
- D: Participation
Participation

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Correct Alternative:- B