1.

Which Union Ministry achieved a Guinness World Record for 'largest display of Lambani items'?

(A)

Ministry of MSME

(B)

Ministry of Culture

(C)

Ministry of External Affairs

(D)

Ministry of Commerce and Industry

<mark>**Answer: (B) Ministry of Culture**</mark>

2.

PBW RS1, which was seen in the news, is a new variety of which crop?

(A)

Rice

(B)

Wheat

(C)

Cotton

(D)

Sugarcane

3.

Which Union Ministry launched the 'Swachh Survekshan 2023 – Mera Shehar, Meri Pehchan' survey?

(A)

Ministry of Housing and Urban Affairs

(B)

Ministry of Home Affairs

(C)

Ministry of Jal Shakti

(D)

Ministry of MSME

4.

Using which type of waves, the composition of Mars's core composition has been predicted by NASA?

(A)

X Ray Waves

(B)

Gama Ray Waves

(C)

Neutrino Ray Waves

(D)

Seismic Waves

5.

Which Indian Naval Ship has been decommissioned after 36 years of service?

(A)

INS Magar

(B)

INS Mahaan

(C)

INS Vihaan

(D)

INS Bhim

6.

Which country hosted the 'Machines Can See 2023 Summit'?

(A)

India

(B)

USA

(C)

Israel

(D)

UAE

7.

Which institution introduced a comprehensive testing framework for IT systems of stock exchanges?

(A)

RBI

(B)

SEBI

(C)

NITI Aayog

(D)

NASSCOM

8.

Which city introduced the 'One Minute Traffic Light Plan'?

(A)

Shimla

(B)

Guwahati

(C)

Kolkata

(D)

Mumbai

Answer: (A) Shimla

9.

Which country has banned domestic flights on short routes that can be covered by train?

(A)

France

(B)

USA

(C)

UK

(D)

Germany

10.

Which institution published the 'Transportation of Dangerous Goods — Guidelines'?

(A)

BIS

(B)

FCI

(C)

FSSAI

(D)

Indian Railways

11.

Which city is the host of the first G20 Energy Transition Working Group Meeting?

(A)

Hyderabad

(B)

Bengaluru

(C)

Chennai

(D)

Amritsar

12.

Which company has retained its spot as the top-selling car-maker in World for third straight year?

(A)

Volkswagen

(B)

Toyota

(C)

Skoda

(D)

Morris Garage

13.

Federation Cup, World Cup, Allywyn International Trophy and Challenge Cup are awarded to winners of

(A)

Tennis

(B)

Volleyball

(C)

Basketball

(D)

Cricket

<mark>Answer: (B) Volleyball</mark>

14.

Each year World Red Cross and Red Crescent Day is celebrated on

(A)

May 8

(B)

May 18

(C)

June 8

(D)

June 18

<mark>Answer: (A) May 8</mark>

15.

Prime Minister inaugurated the 'Kalam no Carnival' Book Fair in which city?

(A)

Mumbai

(B)

Ahmedabad

(C)

Varanasi

(D)

Patna

16.

Which is the regulatory authority for civil aviation security in India?

(A)

BCAS

(B)

NITI Aayog

(C)

DRDO

(D)

ISRO

17.

Which state secretariat that was inaugurated recently holds the name of Dr B R Ambedkar?

(A)

Tamil Nadu

(B)

Telangana

(C)

Kerala

(D)

Maharashtra

18.

Ministry of Coal announced the initiation of which process for coal and lignite mines?

(A)

Grievance Redressal

(B)

Star Ratings

(C)

Online Environmental Clearance

(D)

Afforestation

19.

Which team won the 'Twenty20 World Cup title 2022'?

(A)

England

(B)

Australia

(C)

India

(D)

Pakistan

Answer: (A) England

20.

Which organisation manufactures the 'Pinaka enhanced range rockets'?

(A)

BEL

(B)

DRDO

(C)

HAL

(D)

BDL

Answer: (B) DRDO

21.

Given below are 5 parts of a sentence, you are required to make a meaningful sentence. The correct order of parts is the answer:

A. Left / B. The / C. House / D. He / E. Suddenly

(A)

ABCDE

(B)

BACED

(C)

DEABC

(D)

EBCDA

<mark>**Answer: (C) DEABC**</mark>

22.

In the following questions, find the correctly spelt word:

(A)

Recommandation

(B)

Recommendation

(C)

Recomendations

(D)

Reccomendation

23.

Find the word spelt correctly

(A)

Treatmeant

(B)

Bitterment

(C)

Efficient

(D)

Employble

24.

Bring out a meaningful sentence:

Then (A) it struck me (B) of course (C) suitable it was (D) how eminently

(A)

ABCD

(B)

BCDA

(C)

CBDA

(D)

ADCB

25.

Meaning of "Cost an Arm and a Leg"

A)

War hero

B)

Very expensive

C)

Scene in battle field

D)

Very cheap

26.

In questions given below out of four alternatives, choose the one which can be substituted for the given word/sentence.

"Extreme old age when a man behaves like a fool"

A)

Imbecility

B)

Senility

C)

Dotage

D)

Superannuation

<mark>Ans: (C) Dotage</mark>

27.

In questions given below out of four alternatives, choose the one which can be substituted for the given word/sentence.

"That which cannot be corrected"

A)

Unintelligible

B)

Indelible

C)

Illegible

D)

Incorrigible

<mark>Ans: (D) Incorrigible</mark>

28.

Each sentence below has a blank and each blank indicates that something has been omitted. Choose the word that best fits in meaning of the sentence as a whole. Rajeev was upset because he_____ forgotten his best friend's birthday.

(A)

have

(B)

Will

(C)

might

(D)

had

<mark>**ANS: (D) had**</mark>

29.

Each sentence below has a blank and each blank indicates that something has been omitted. Choose the word that best fits in meaning of the sentence as a whole. Jacob was a rich old man who lived____ alone in a huge house because his children did not care about him.

(A)

Only

(B)

All

(C)

more

(D)

too

<mark>**ANS: (B) All**</mark>

30.

Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select No improvement. They didn't see you, is it?

(A)

wasn't it

(B)

did they

(C)

no improvement

(D)

have they

<mark>ANS: (B) did they</mark>

31.

Which of the phrase (A), (B), (C) given below should replace the phrase given in the following sentence grammatically meaningful and correct? If the sentence is correct as it is and 'No correction is required', mark (D) as the answer.

"They cooks up a story in order to get out of the situation"

(A)

cooked in a story

(B)

cooked up a story

(C)

cooked up a stories

(D)

No correction required

32.

Choose the world which is most nearly the same in meaning of the word.

"Desert"

(A)

Displease

(B)

Encourge

(C)

Instigate

(D)

Abandon

33.

Choose the world which is most nearly the same in meaning of the word.

"Exquisite"

(A)
Expensive

(B)

Delicate

(C)

Elaborate

(D)

Wonderful

<mark>Ans: (D) Wonderful</mark>

34.

In each of the following sentence, an idiomatic expression or a proverb. Select the alternatives which best describes its use in the sentence.

"The team put their plan into execution the very next day."

(A)

Proposed a plan

(B)

Discussed their plan

(C)

Started thinking about a plan

(D)

Started carrying out their plan

<mark>ANS: (D)Started carrying out their plan</mark>

35.

Which of the following sentences has the correct structure of question?

(A)

Do you have got a car ?

(B)

Have you got a car ?

(C)

Did you have got a car ?

(D)

Did you got a car ?

<mark>**ANS: (B) Have you got a car ?**</mark>

36.

"When to the sessions of sweet silent thought"

Which literary device is used in the above line?

(A)

Alliteration

(B)

Simile

(C)

Personification

(D)

Metaphor

<mark>**ANS: (A) Alliteration**</mark>

37.

Find out the word which begins with different sound from other given words:

(A)

Reach

(B)

Reap

(C)

Rich

(D)

Read

<mark>**ANS: (C) Rich**</mark>

38.

The passive voice form of the sentence' Thieves broke into my house' will be

(A)

My house was broken into by thieves.

(B)

Thieves were broken into my house.

(C)

My house had been broken into by thieves .

(D)

My house had been broken into by thieves .

<mark>**ANS: (A) My house was broken into by thieves.**</mark>

39.

"Peace hath her victories

No less renowned than war."

What is personified in these lines?

(A)

Victories

(B)

Renowned

(C)

Peace

(D)

Less

40.

Choose the word/group of words which is most opposite in meaning to given word

"PLEASE"

(A)

annoy

(B)

wrong

(C)

request

(D)

satisfy

41

Sampling Cases means:

(A)

Sampling using a sampling frames.

(B)

Identifying people who are suitable for research.

(C)

Literally the researcher's brief case.

(D)

Sampling of people, newspapers, television programmes etc.

<mark>**Answer: (D) Sampling of people, newspapers, television programmes etc.**</mark>

42

The aggregate of all the units pertaining to a study is called:

(A)

Population or universe.

(B)

Unit.

(C)

Sample.

(D)

Frame.

<mark>**Answer: (A) Population or universe.**</mark>

43

_____refers to those elements from which samples are specifically chosen or selected for research.

(A)

Finite population.

(B)

Target population.

(C)

Infinite population.

(D)

Sampling population.

<mark>**Answer: (B) Target population.**</mark>

44

Probability sampling is also known as:

(A)

Bi-variate Analysis.

(B)

Uni-variate Analysis.

(C)

Random Sampling.

(D)

Multiple choices.

<mark>**Answer: (B) Uni-variate Analysis.**</mark>

45

Which of the following is not a probability sampling?

(A)

Simple random sampling.

(B)

Quota sampling.

(C)

Stratified Sampling.

(D)

Cluster sampling.

<mark>**Answer: (B) Quota sampling.**</mark>

46

Which of the following is not a non-probability sampling?

(A)

Judgmental sampling.

(B)

Convenience sampling.

(C)

Extensive sampling.

(D)

Cluster sampling.

<mark>**Answer: (D) Cluster sampling.**</mark>

47

A technique of Building up a list or a sample of a special population by using an initial set of members as informants is called:

(A)

Quota sampling.

(B)

Convenience Sampling.

(C)

Snow ball Sampling.

(D)

Purposive sampling.

<mark>**Answer: (C) Snow ball Sampling.**</mark>

48

Sampling based upon equal probability is called:

(A)

Probability sampling.

(B)

Quota sampling.

(C)

Stratified sampling.

(D)

Simple random sampling.

<mark>**Answer: (D) Simple random sampling.**</mark>

49

Population value is also known as:

(A)

Parameter.

(B)

Statistic.

(C)

Variable.

(D)

Data.

<mark>**Answer: (A) Parameter**</mark>

50.

Sample value is also known as:

(A)

Parameter.

(B)

Statistic.

(C)

Variable.

(D)

Data.

<mark>**Answer: (B) Statistic.**</mark>

51.

Capacity of flushing cistern is usually

(A)

1 Litre

(B)

5 Litre

(C)

12 to 15 Litre

(D)

20 to 25 Litre

Answer: (C) 12 to 15 Litre

52.

For one cubic metre of sand, the member of 50 KG bags required would be

(A)

15

(B)

20

(C)

25

(D)

35

Answer: (C) 25

53.

Which roofing material will give the least expected life?

(A)

R.C.C.

(B)

Jack arch with L.C. terracing

(C)

Terraced roofing over stone flags

(D)

Country wood in work

<mark>Answer: (B) Jack arch with L.C. terracing</mark>

54.

Building wire for steel reinforcement is

(A)

Measured in running metres

(B)

Measured in kilograms

(C)

Not measured but included in description

(D)

Not measured and also not included in description

<mark>Answer: (B) Measured in kilograms</mark>

55.

Detailed drawing is not necessarily required for which of the following estimate?

(A)

Detailed estimate

(B)

Revised estimate

(C)

Supplementary estimate

(D)

Rough cost estimate

<mark>**Answer: (A) Detailed estimate**</mark>

56.

A dummy activity

(A)

Does not require any resource nor any time

(B)

Requires source as well as time

(C)

Requires source but not any time

(D)

Does not require any source but requires time

<mark>**Answer: (C) Requires source but not any time**</mark>

57

If the values taken by a random variable are negative, the negative values will have _____

(A)

Positive probability

(B)

Negative Probability

(C)

May have negative or positive probabilities

(D)

Insufficient data

<mark>**Answer: (A) Positive probability**</mark>

58.

Which of the following is not a property of a probability density function?

(A)

The PDF must be non-negative for all possible values of x.

(B)

The integral of the PDF over all possible values of x must be equal to 1.

(C)

The PDF can be used to calculate the probability that the random variable will take on a value between a and b.

(D)

The PDF must be continuous for all possible values of x.

<mark>**Answer: (D) The PDF must be continuous for all possible values of x.**</mark>

59.

The variable that assigns a real number value to an event in a sample space is called _____

(A)

Random variable

(B)

Defined variable

(C)

Uncertain variable

(D)

Static variable

<mark>Answer: (A) Random variable</mark>

60

A random variable that assumes a finite or a countably infinite number of values is called _____

(A)

Continuous random variable

(B)

Discrete random variable

(C)

Irregular random variable

(D)

Uncertain random variable

61

A random variable that assume a infinite or a uncountably infinite number of values is called _____

(A)

Continuous random variable

(B)

Discrete random variable

(C)

Irregular random variable

(D)

Uncertain random variable

Answer: (A) Continuous random variable

62

The covariance of two independent random variables is _____

(A)

1

(B)

0

(C)

3

(D)

Undefined

Answer: (B) 0

63

The weight of persons in a state is a _____

(A)

Continuous random variable

(B)

Discrete random variable

(C)

Irregular random variable

(D)

Not a random variable

<mark>**Answer: (A) Continuous random variable**</mark>

64

In random experiment, observations of random variable are classified as _____

(A)

Events

(B)

Composition

(C)

Trials

(D)

Functions

65.

If the values of two variables move in the same direction, _____

(A)

The correlation is said to be non-linear

(B)

The correlation is said to be linear

(C)

The correlation is said to be negative

(D)

The correlation is said to be positive

66

If the values of two variables move in the opposite direction, _____

(A)

The correlation is said to be linear

(B)
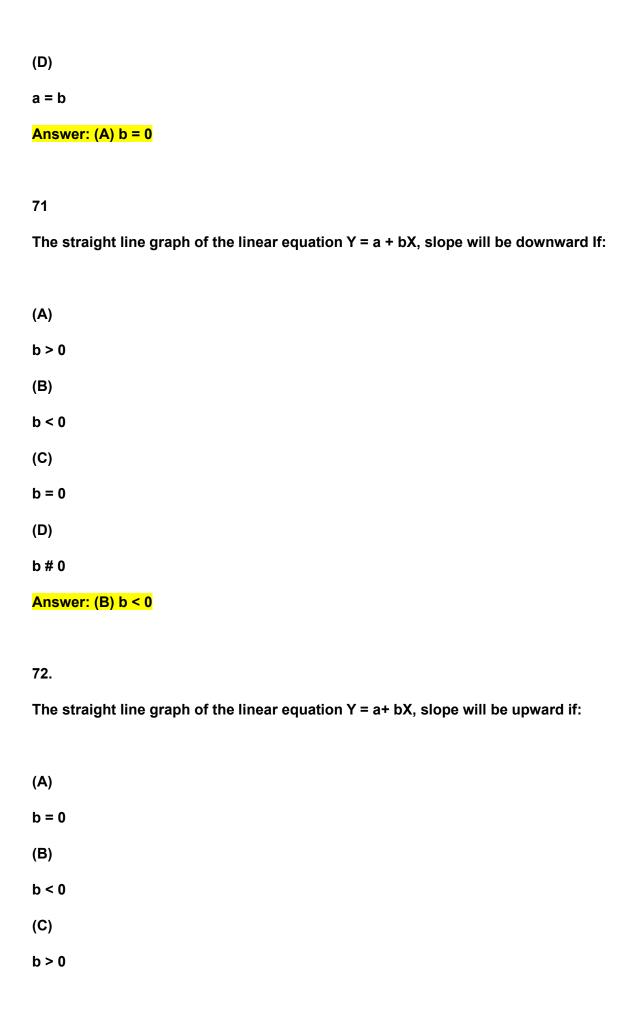
The correlation is said to be non-linear

(C)

The correlation is said to be positive

(D)

The correlation is said to be negative

67

Which of the following statements is true about the arithmetic mean of two regression coefficients?

(A)

It is less than the correlation coefficient

(B)

It is equal to the correlation coefficient

(C)

It is greater than or equal to the correlation coefficient

(D)

It is greater than the correlation coefficient

68

The independent variable is also called:

(A)

Regressor

(B)

Regressand

(C)

Predictand

(D)

Estimated

69.

Identify the other name of dependent variable.

(A)

Regressor

(B)

Regressand

(C)

Continuous variable

(D)

Independent

70.

The straight line graph of the linear equation Y = a + bX, slope is horizontal if:

(A)

b = 0

(B)

b # 0

(C)

b = 1

(D)

a = b

71

The straight line graph of the linear equation Y = a + bX, slope will be downward If:

(A)

b > 0

(B)

b < 0

(C)

b = 0

(D)

b # 0

72.

The straight line graph of the linear equation Y = a+ bX, slope will be upward if:

(A)

b = 0

(B)

b < 0

(C)

b > 0

(D)

b # 0

73.

A _____ is a sequence of observations over a certain period.

(A)

Theano

(B)

Scikit

(C)

Time series

(D)

Tensor

74

A time series has _____ components.

(A)

1

(B)

2

(C)

3

(D)

4

75.

Noise is the error in the observations added due to environmental factors.

(A)

Yes

(B)

No

(C)

Can be yes or no

(D)

Can not say

76.

The best-fitted trend line is one for which sum of squares of residuals or errors is

(A)

Positive

(B)

Minimum

(C)

Negative

(D)

Maximum

<mark>**Answer: (B) Minimum**</mark>

77.

In the theory of time series, shortage of certain consumer goods before the annual budget is due to

(A)

Seasonal Variation

(B)

Secular Trend

(C)

Irregular Variations

(D)

Cyclical Variation

<mark>**Answer: (A) Seasonal Variation**</mark>

78

A set of observations recorded at an equal interval of time is called

(A)

Array data

(B)

Data

(C)

Geometric Series

(D)

Time series data

79

A fire in a factory delaying production for some weeks is

(A)

Secular Trend

(B)

Cyclical Trend

(C)

Irregular Trend

(D)

Seasonal Trend

80.

Index number was first constructed in:

(A)

1750

(B)

1760

(C)

1764

(D)

1770

81

Most widely used weighted index is:

(A)

Laspeyres Index

(B)

Paasche's Index

(C)

Fisher's ideal Index

(D)

Marshall-Edgeworth Index

82

Circular test is satisfied by:

(A)

Fisher's ideal index

(B)

Paasche's index number

(C)

Simple aggregative method

(D)

Laspeyres Index

83

Consumer price index is equal to:

(A)

Laspeyres price index

(B)

Paasche's price index

(C)

Fisher's ideal index

(D)

Bowley's price index

84

Circular test is an extension of:

(A)

Time reversal test

(B)

Factor reversal test

(C)

Circular test

(D)

Unit test

85

Index numbers are expressed in:

(A)

Ratios

(B)

Squares

(C)

Percentages

(D)

Combinations

86

Index for base period is always taken as:

(A)

100

(B)

One

(C)

200

(D)

Zero

87

If a data set is symmetrical, what does it mean?

(A)

True distribution

(B)

FALSE

(C)

True skew

(D)

True symmetry

88

Which one of the following statements does not contain an assumption of the standard deviation measure?

(A)

The data points in a data set are not necessarily equal values.

(B)

The distribution is normal.

(C)

The data points are not all positive or negative.

(D)

None of these

<mark>Answer: (B) The distribution is normal.</mark>

89

What is the Central Limit Theorem?

(A)

A statement about the distribution of scores in samples

(B)

A statement about the mean of scores from random samples

(C)

A statement about the distribution of scores from a normal population

(D)

A statement about the distribution of scores for any sample

<mark>Answer: (D) A statement about the distribution of scores for any sample</mark>

90

Which measure of central tendency includes the magnitude of scores?

(A)

Mean

(B)

Mode

(C)

Median

(D)

Range

91.

Mode refers to the value within a series that occurs _____ number of times.

(A)

Maximum

(B)

Minimum

(C)

Zero

(D)

Infinite

92.

_____ is not a measure of central tendency.

(A)

Mode

(B)

Mean

(C)

Range

(D)

Median

<mark>**Answer: (C) Range**</mark>

93

Percentiles divide a series into _____.

(A)

Ten equal parts

(B)

Twenty equal parts

(C)

Fifty equal parts

(D)

Hundred equal parts

<mark>**Answer: (D) Hundred equal parts**</mark>

94

If all the observations within a series are multiplied by five, then _____.

(A)

The new standard deviation would be decreased by five

(B)

The new standard deviation would be increased by five

(C)

The new standard deviation would be half of the previous standard deviation

(D)

The new standard deviation would be multiplied by five

<mark>Answer: (D) The new standard deviation would be multiplied by five</mark>

95

While calculating the standard deviation, the deviations are only taken from _____.

(A)

The mode value of a series

(B)

The median value of a series

(C)

The quartile value of a series

(D)

The mean value of a series

<mark>Answer: (d) The mean value of a series</mark>

96

_____ and _____ are types of measures of dispersion.

(A)

Nominal, Real

(B)

Nominal, Relative

(C)

Real, Relative

(D)

Absolute, Relative

97

The Lorenz curve was developed in 1905 by _____.

(A)

Dr. Max O. Lorenz

(B)

Dr. Max C. Lorenz

(C)

Dr. Max M. Lorenz

(D)

Dr. Max S. Lorenz

98.

The range represents _____.

(A)

The lowest number

(B)

The highest number

(C)

The middle number

(D)

The difference between the lowest and highest number

<mark>Answer: (A) The lowest number</mark>

99.

What is the Arithmetic average of the Absolute Deviation of a series called?

(A)

Coefficient of Mean Deviation

(B)

Mean Deviation

(C)

Quartile Deviation

(D)

Standard Deviation

<mark>Answer: (B) Mean Deviation</mark>

100.

Are the variations present in the unit of a variable represented by which dispersion method?

(A)

Coefficient of Variation

(B)

A relative measure of dispersion

(C)

The absolute measure of dispersion

(D)

Measure of dispersion

<mark>**Answer: (C) The absolute measure of dispersion**</mark>