



PART – A

1. Arrange the given words in alphabetical order and choose the one that comes last.

- A) Afford B) Avoid C) Answer D) Awesome

Direction Q. 2 : A foreign expression and four English phrases are given. Identify the meaning of the foreign expression from the choices.

2. Status quo

- A) Unalterable condition B) Existing state of affairs
C) Relative importance D) Social position

Direction Q. 3 : Identify the meaning of underlined word as used in the sentence, from among four alternatives.

3. Vijaya was decorous in her speech and behavior and she was appreciated by all for her conduct.

- A) relaxed B) proper C) hesitant D) enthusiastic

Direction Q. 4 : An idiom and four possible meaning are given, identify the meaning of the idiom from among the answer choices.

4. Lie low

- A) to cease fighting B) destructively active
C) hide and wait D) do nothing except relax

Direction Q. 5 : Fill in the blanks in the given sentence to make it logically and grammatically correct.

5. It is very misleading to imagine that computers can _____ like people.

- A) think B) succeed C) perorate D) deal

Direction Q. 6 : A sentence is written in four different forms. Only one of them is grammatically correct. Choose the correct sentence as your answer.

6. A) There are no loss than fifty students in the class.
B) There are no fewer than fifty students in the class.
C) There are not fewer than fifty students in the class.
D) There are not lesser fewer than fifty students in the class.

Direction Q. 7 : Four alternative substitutes are given for the underline portion. Identify the choice that replace the underline part to form a logical and grammatically correct statement.

7. I will come back tomorrow unless there is a bus strike.

- A) unless there is a bus strike B) if there is a bus strike
C) in case there is a bus strike D) unless there is no bus strike



Direction Q. 8 : A word and four jumbled choices are given. One of the choices, when properly arranged, give the meaning of the word. Identify the correct choice.

8. IMPORTANT

A) GRINETYTI

B) FIDIFULCT

C) NCIGIANSIFT

D) NLAFI

Direction Q. 9 : From the choices, select the most suitable synonym for the main word.

9. FLEETING

A) enigmatic

B) epidural

C) ephemeral

D) everlasting

Direction Q. 10 : From the choices, select the most suitable antonym for the main word.

10. BOLSTER

A) undermine

B) interdict

C) support

D) contradict

Direction Q. 11 : There is a certain relation between two given words on one side of :: and one word is given on another side of :: while another word is to be found from the given alternatives , having the same relation with this word as the given pair has. Select the best alternative.

11. Oxygen : Burn :: Carbon dioxide : ?

A) Isolate

B) Foam

C) Extinguish

D) Explode

Direction Q. 12 : There is a certain relation between two given numbers on one side of :: and one number is given on another side of :: while another number is to be found from the given alternatives , having the same relation with this number as the given pair has. Select the best alternative.

12. 7 : 56 :: 9 : ?

A) 63

B) 81

C) 90

D) 99

Direction Q. 13 : In the given question, four words have been given, out of which three are alike in some manner and the fourth one is different. Choose out the odd one.

13. A) Blade

B) Axe

C) Scissors

D) Needle

Direction Q. 14 : In the given question, four numbers are given. Out of these, three are alike in a certain way but the rest one is different. Choose the one which is different from the rest three.

14. A) 35

B) 56

C) 50

D) 63

Direction Q. 15 : In the given question, a number series is given with one term missing. Choose the correct alternative that will continue the same pattern.

15. 3,7,15,31,63,

A) 92

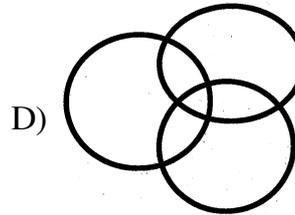
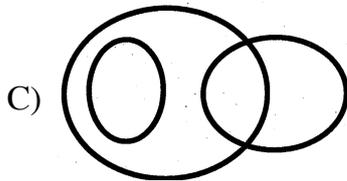
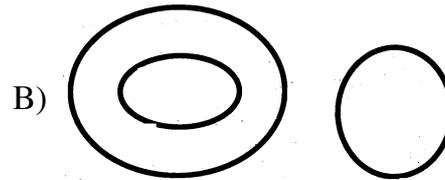
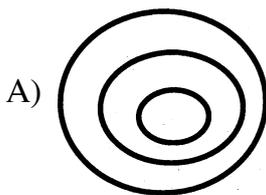
B) 115

C) 127

D) 131



16. If in a certain language, ROBUST is coded as QNATRS, which word would be coded as ZXCMP ?
 A) YWBLO B) YYBNO C) AWDLQ D) AYDNQ
17. Which of the following diagrams correctly represents Rhombus, Quadrilaterals, Polygons ?



18. If x stands for ‘add’, y stands for ‘subtract’, z stands for ‘divide’ and p stands for ‘multiply’, then what is the value of $(7 \text{ p } 3) \text{ y } 6 \text{ x } 5 \text{ z } 1$?
 A) 5 B) 10 C) 15 D) 20
19. If a number, when divided by 4, is reduced by 21, the number is
 A) 18 B) 20 C) 28 D) 38
20. On a scale of map, 0.6 cm represents 6.6 km. If the distance between the points on the map is 80.5 cm, the actual distance between these points is
 A) 9 km B) 72.5 km C) 190.75 km D) 885.5 km
21. A train 360 m long is running at a speed of 45 km/hr. In what time, will it pass a bridge 140 m long ?
 A) 40 second B) 42 second C) 45 second D) 48 second
22. From which book has the National Song ‘Vande Mataram’ been taken ?
 A) Anand Math B) Neel Darpan C) Geetanjali D) Satyarth Prakash
23. Which article of the Constitution is directly applicable to Jammu and Kashmir ?
 A) Article 371 B) Article 370 C) Article 375 D) Article 376
24. Which of the following is Anti Virus Software ?
 A) Java B) Tally C) Norton D) Block chain
25. On 15th February 2017, ISRO’s PSLV-C37 made news by launching a record number of satellites in space. This number was
 A) 100 B) 102 C) 103 D) 104



26. Who wrote the book *The Logic of Scientific Enquiry* ?
A) Ernest Nagel
B) Hempel
C) Thomas Kuhn
D) Karl Popper
27. What does epistemology mean ?
A) nature, origin, scope and possibility of knowledge
B) nature of reality
C) the everyday understanding of things
D) philosophical study of the structures of experience and consciousness.
28. Which of the following falls in inferential statistics ?
A) Measures of tendency
B) Measures of dispersion
C) Anova
D) Kurtosis
29. Population in research methodology means
A) The complete set of elements in a study
B) A sample is a subset of the population
C) Statistics that deals with samples
D) Statistics deals with the population
30. Which type of data is collected from every element of the population ?
A) Census
B) Sample
C) Primary
D) Secondary
31. Which type of questions can have multiple answers ?
A) Close ended
B) Double barrelled
C) Ambiguous
D) Negatively worded
32. Which of the following is not one of the purposes of a literature review ?
A) To survey the current state of knowledge in the area of inquiry
B) To identify key authors, articles, theories, and findings in that area
C) To identify gaps in knowledge in that research area
D) To contribute to book reviews in research journals
33. In experimental research, there are two groups; one group is called an experimental group. What term is used for the other group ?
A) Non- experimental group
B) Non-control group
C) Control group
D) Quasi experimental group



34. Median is most appropriate when
- A) There are large number of data
 - B) When there are extreme values in the data
 - C) When the data are few
 - D) When the data is neither large nor too small
35. Research that is done to examine the findings of someone else using the “same variables but different people” is known as
- A) Exploration
 - B) Hypothesis
 - C) Replication
 - D) Empiricism
36. A variable that is presumed to cause a change in another variable is called
- A) Categorical variable
 - B) Dependent variable
 - C) Independent variable
 - D) Intervening variable
37. Research in which the researcher uses both qualitative and quantitative research at one point or at different stages in the research process is known as
- A) Action research
 - B) Basic research
 - C) Quantitative research
 - D) Mixed method research
38. What is plagiarism ?
- A) Taking other people’s writing as one’s own without acknowledgement
 - B) Summarising other people’s writing with due acknowledgement
 - C) Using fabricated data in research
 - D) Studying only a few cases in the sample and claiming otherwise
39. Convenience sampling is an example of
- A) probabilistic sampling
 - B) stratified sampling
 - C) nonprobabilistic sampling
 - D) cluster sampling
40. Which of the following statements relating to a null hypothesis is incorrect ?
- A) A null hypothesis is a statement, in which there is no relationship between two variables
 - B) A null hypothesis is what the researcher tries to disprove
 - C) A null hypothesis represents no observed effect
 - D) A null hypothesis is written as H_1
41. Which of the following is not a technique of data collection employed in participatory rural appraisal ?
- A) Transect walk
 - B) Seasonality calendar
 - C) Survey
 - D) Focus group interview



PART – B

51. The ‘Veblen effect’ refers to situation when
 A) demand for good increases with rise in price of the good
 B) demand for good decreases with rise in price of the good
 C) price and quantity demanded are unrelated
 D) rises in price indicating reductions in quality
52. The state of ‘Satiety’ means that the marginal utility of a commodity is
 A) Positive B) Negative C) Zero D) Maximum
53. Samuelson’s revealed preference theory assumes that
 A) Consistency - transitivity
 B) Consumer has strong order of preferences
 C) Income elasticity of demand is positive
 D) All the above
54. When the price floor of a good is established above the equilibrium price, it results in
 A) permanent surplus of good B) permanent shortage of good
 C) no effect D) none of the above
55. Amit buys tea from the Chai Point and gains total utility from the tea as follows :

Cups of Tea	1	2	3	4	5
Total Utility, Rupees	1.50	2.70	3.60	3.60	2.00

How many cups of tea will Amit buy if the price of each cup is Rupee 1 ?

- A) 1 B) 2 C) 3 D) 4
56. The formula for the money multiplier that includes excess reserves and currency is
 A) $m = 1 / (r + e + c)$ B) $M = 1 / (r + e + c)$
 C) $M = (1 + c) / (r + e + c)$ D) $D = 1 / (r + e + c)$
57. $MC = MR$ and $MR = AR$ means
 A) The equilibrium position of a firm in the long period
 B) The equilibrium point of a firm under imperfect competition in the short period
 C) The equilibrium point of a firm under perfect competition
 D) Short period equilibrium of a firm under perfect competition
58. The locus of points of tangency between the iso-cost lines and the isoquants is called as
 A) Separation path B) Expansion path
 C) Factor price effect D) Optimum path



59. Suppose inputs of both labour and capital are increased by 100% but the output increases by less than 100%. The firm's production function exhibits
- A) decreasing marginal rate of technical substitution.
 - B) diminishing marginal returns.
 - C) decreasing returns to scale.
 - D) both B) and C)
60. Which of the following is NOT an assumption of Pareto optimality criterion ?
- A) Each individual aims at the maximization of his satisfaction
 - B) The goods and productive factors are perfectly divisible
 - C) Utility function of each individual involves cardinal measurement of utility
 - D) Factors of production are perfectly mobile
61. The surplus earned by the man-made factors, when their supply in the short period becomes fixed is called as
- A) Economic rent
 - B) Total rent
 - C) Contract rent
 - D) Quasi rent
62. A market failure occurs when
- A) there is an imperfection in the market that prevents optimal outcomes
 - B) incomplete information
 - C) existence of public goods and externalities
 - D) All of the above
63. Aggregate supply curve during a Keynesian depression
- A) is horizontal
 - B) is vertical
 - C) tilts downward to the right
 - D) tilts upward to the right
64. Consumption of a pure public good
- A) depletes the supply of the good for others
 - B) denies the opportunity to consume the good to others
 - C) excludes others from consuming the good somewhat
 - D) neither depletes the good nor excludes others from consuming it
65. Repudiation is when
- A) Government is not able to pay the public debt on due date
 - B) Government refuses to pay the public debt
 - C) Government exchanges a new debt for the old one
 - D) Government clears the public debt



66. Public debt management is necessary because
- A) To provide information of amount required for implementation of policies
 - B) Plays a role in formation of economic policy of the nation
 - C) Helps to know the repercussions on the working of the economy due to public debt
 - D) All the above
67. When the amount of tax paid increases at a higher rate than the increase in tax base or income, it is called
- A) Proportional tax
 - B) Progressive tax
 - C) Regressive tax
 - D) Degressive tax
68. An indicator which measures efficiency and responsiveness of tax revenue in response to growth in National Income is called
- A) Tax Buoyancy
 - B) Tax-GDP ratio
 - C) Tax elasticity
 - D) Tax avoidance
69. An efficient tax is
- A) Guarantees a socially desirable distribution of tax burden
 - B) One with small excess burden
 - C) Evasion of taxes
 - D) None of the above
70. According to which theory, a nation should produce those goods for which it has the greatest relative advantage
- A) Theory of relative advantage
 - B) Theory of absolute advantage
 - C) Factor endowment theory
 - D) Factor price equalization theory
71. Country A takes 50 labor hours to produce cloth and 100 hours to produce grain while country B takes 200 labor hours to produce cloth and 200 hours to produce grain. Which of the statement is true ?
- A) Country B has an absolute advantage in the production of both cloth and grain.
 - B) Country B has an absolute advantage in the production of grain.
 - C) Country A has a comparative advantage in the production of cloth.
 - D) Country A should produce grain.
72. For the Heckscher-Ohlin model to accurately reflect a relatively capital abundant country's trade patterns
- A) Leontief statistic should be greater than 1.
 - B) Country's capital-labor ratio should be relatively high
 - C) Leontief statistic should be between 10 and 100.
 - D) Leontief statistic should be less than 1.



73. Which of the following is NOT an assumption of Domar's growth model ?
A) Marginal and average propensities to save are not equal
B) Propensity to save and capital co-efficient are constant
C) Absence of government interference
D) No lags in adjustments
74. When the aggregate supply becomes totally price inelastic, an increase in aggregate demand results in
A) Increase price but not output B) Decrease output but not price
C) Increase both price and output D) Decrease both price and output
75. Marginal propensity to consume is
A) Change in consumption to change in investment
B) Change in consumption to change in income
C) Change in savings to change in consumption
D) Change in income to change in savings
76. The long run Phillips curve has the same shape as
A) Short – run AD curve B) Short – run AS curve
C) Long – run AD curve D) Long – run AS curve
77. Which of the following assumptions with regard to life cycle hypothesis is NOT true ?
A) Net assets of the consumer are due to own savings and not inherited
B) Price level remains stable over life cycle
C) No change in rate of return
D) There is no certainty about future flows of income
78. In monetary policy the sum of recognition lag and action lag is called
A) Outside lag B) Inside lag C) Total lag D) Policy lag
79. The monetary policy operates by shifting _____, while fiscal policy operates by shifting _____ function.
A) LM, IS B) IS, LM C) LS, IM D) IM, LS
80. In context of fiscal policy the interval between the time when need of an action is recognized and the time when action is actually taken is called
A) Administrative lag B) Recognition lag
C) Operational lag D) Time lag
81. The multiplication of the matrices $\begin{bmatrix} 4 & 2 & 1 & 2 \\ 2 & 3 & 0 & 2 \\ 3 & 3 & 1 & 4 \end{bmatrix}$ and $\begin{bmatrix} 2 & 3 & 0 & 2 \\ 3 & 3 & 1 & 4 \end{bmatrix}$ gives a
A) 1×1 matrix B) 3×1 matrix C) 3×3 matrix D) 1×3 matrix



82. The value of the determinant $\begin{vmatrix} d & b \\ c & a \end{vmatrix}$ is
- A) $db - ca$ B) $da - cb$ C) $da + bc$ D) $dc - ab$
83. Which of the following is not a measure of central tendency ?
- A) Mode B) Mean C) Variance D) Median
84. Bayes' theorem is useful in
- A) Computing sequential probabilities B) Revising probability estimates
C) Computing conditional probabilities D) None of the above
85. Which measure of dispersion is least affected by extreme values of observations in a data set ?
- A) Quartile deviation B) Standard deviation
C) Mean absolute deviation D) Range
86. For a negatively skewed distribution
- A) $AM < Median < Mode$ B) $AM > Median > Mode$
C) $AM > Median < Mode$ D) $AM > Median = Mode$
87. The fourth moment μ_4 about the mean is a measure of
- A) Arithmetic Mean (AM) B) Kurtosis
C) Symmetry D) Variance
88. In hypothesis testing critical region is a region of
- A) indecision B) acceptance C) rejection D) None of the above
89. When we reject a true null hypothesis, we make
- A) Type I Error B) Type II Error
C) Correct Decision D) None of the above
90. R^2 represents
- A) Co-efficient of variation
B) Pearson's co-efficient of correlation
C) Spearman's co-efficient of rank correlation
D) Co-efficient of determination
91. Differentiation refers to
- A) Calculating the intercept of a curve with the horizontal axis
B) Calculating the area underneath a curve
C) Calculating the intercept of a curve with the vertical axis
D) Calculating the gradient to a curve at any point on the curve



SPACE FOR ROUGH WORK