101

QUESTION BOOKLET

Jr. Statistical Assistant

INSTRUCTIONS

Q.B. Number:

Q.B. Series: B

Roll Number:

Please read the following instructions carefully.

1) Mark carefully your Roll Number, Question Booklet Number and series of the paper on the OMR Answer Sheet and sign at the appropriate place. Write your Roll number on the question booklet.

2) Strictly follow the instructions given by the Centre Supervisor / Room invigilator and those given on the Question Booklet. Please ensure you fill all the required details and shade the bubbles correctly on the OMR Answer Sheet.

3) Please mark the right responses ONLY with Blue/Black ball point pen. USE OF PENCIL AND GEL-PEN IS NOT ALLOWED.

4) Candidates are not allowed to carry any papers, notes, books, calculators, cellular phones, scanning devices, pagers etc. to the Examination Hall. Any candidate found using, or in possession of such unauthorized material, indulging in copying or impersonation or adopting unfair means, is liable to be summarily disqualified and may be subjected to penal action.

5) After finishing the examination, hand over the complete question booklet and the OMR Answer Sheet. DO NOT carry the question booklet or any part of it, outside the examination room. Doing so, is a punishable offence.

6) The test is of objective type. This Question Booklet contains a total of 150 questions and the total time allotted is 2:30 minutes.

7) Each objective question is followed by four responses. Your task is to choose the correct response and mark your response on the OMR Answer Sheet and NOT on the Question Booklet.

8) All questions are compulsory. There will be no NEGATIVE MARKING.

9) For each answer as shown in the example below. The CORRECT and the WRONG method of darkening the CIRCLE on the OMR sheet are given below.

Correct Method   Wrong Method

10) In view of the tight time span, do not waste your time on a question which you find to be difficult. Go on solving questions one by one and come back to the difficult questions at the end.

11) DO NOT make any stray marks anywhere on the OMR Answer Sheet. DO NOT fold or wrinkle the OMR Answer Sheet. Rough work MUST NOT be done on the answer sheet. Use your question booklet for this purpose.

1. Who is the current (as of June, 2014) Secretary General of United Nations Organization (UNO)?
   (A) Kofi Annan
   (B) Ban Ki-moon
   (C) Boutros Boutros-Ghali
   (D) Kurt Waldheim

2. Who among the following is the Secretary General of SAARC as on June, 2014?
   (A) Chenkyab Dorji
   (B) Abul Ahsan
   (C) Arjun Bahadur Thapa
   (D) Kant Kishore Bhargava

3. In April 2014, a Bollywood movie was released based on which of the following Chetan Bhagat's books?
   (A) Five Point Someone
   (B) One Night @ the Call Center
   (C) The 3 Mistakes of my Life
   (D) 2 States

4. Who are the publishers of Indian daily newspaper, The Times of India?
   (A) The Printers (Mysore) Pvt. Ltd
   (B) Indian Express Group
   (C) HT Media Limited
   (D) Bennett, Coleman and Company Limited

5. Which among the following neighbouring country of India is separated from India by 'Palk Strait'?
   (A) Pakistan
   (B) Maldives
   (C) Sri Lanka
   (D) Afghanistan

6. Which Sikh Guru initiated the "Sikh Khalsa" in 1699?
   (A) Guru Nanak
   (B) Guru Arjan
   (C) Guru Tegh Bahadur
   (D) Guru Gobind Singh

7. In the Union Budget for Financial year 2014-15, the personal Income tax exemption limit for individual taxpayers, below 60 years of age has been raised by-
   (A) Rs. 50,000/-
   (B) Rs. 60,000/-
   (C) Rs. 70,000/-
   (D) Rs. 80,000/-

8. On which of the following rivers is the Bhakra Nangal Dam constructed?
   (A) Ganga
   (B) Yamuna
   (C) Mahanadi
   (D) Sutlej

9. Who first addressed Mahatma Gandhi as "Father of the Nation"?
   (A) Subhash Chandra Bose
   (B) Rabindra Nath Tagore
   (C) Bal Gangadhar Tilak
   (D) Jawahar Lal Nehru

10. The Indian Constitution was amended for the first time in
    (A) 1950
    (B) 1951
    (C) 1952
    (D) 1953

11. Which is the First district in India to achieve a literacy rate of 100%?
    (A) Mizoram
    (B) Kottayam
    (C) Kolkata
    (D) Mumbai

12. Which among the following is the second longest river of India?
    (A) Krishna
    (B) Kaveri
    (C) Godavari
    (D) Periyar

13. Which state is the highest producer of Rubber in India?
(A) Kerala
(B) Uttar Pradesh
(C) Karnataka
(D) Madhya Pradesh

14. Who among the following was awarded the Padma Vibhushan in 2014?
(A) T. H. Vinayakram
(B) Kamal Haasan
(C) Ghulam Mohammed Sheikh
(D) B. K. S. Iyengar

15. Which is the first European team to win the FIFA World Cup in South America?
(A) France
(B) Germany
(C) Netherlands
(D) England

16. Glasgow is the host city for which of the following event?
(A) Winter Olympics 2014
(B) Asian Games 2014
(C) FIFA world Cup 2014
(D) 20th Commonwealth Games 2014

17. Which of the following city is the headquarters of SAARC?
(A) Islamabad
(B) Dhaka
(C) New Delhi
(D) Kathmandu

18. Which gas is usually filled in the electric bulb?
(A) Nitrogen
(B) Hydrogen
(C) Carbon Dioxide
(D) Oxygen

19. Which of the following was recently declared as the 29th State in India?
(A) Andhra Pradesh
(B) Telangana
(C) Tamil Nadu
(D) Goa

20. Which country won the most number of medals in the Sochi 2014 Winter Olympics?
(A) Switzerland
(B) China
(C) Russia
(D) United States of America

21. The source of which river lies at the Drang Drung glacier?
(A) Markha River
(B) Dras River
(C) Doda River
(D) Shyok River

22. Which part of the Directive Principles of the State Policy and Fundamental Duties of the Indian Constitution are not applicable to Jammu & Kashmir?
(A) Part III and XVIII
(B) Part XVIII and I
(C) Part I and III
(D) Part IV and IV A

23. Which river is famously called as Chandrabhaga, due to the confluence of two rivers Bhaga and the Chandra River in the Himalayas?
(A) Ravi River
(B) Suru River
(C) Chenab River
(D) Shingo River

24. The source of which river lies at the Machoi glacier, which is close to the Zo-Zila Pass?
(A) Nubra River
(B) Dras River
(C) Doda River
(D) Neelam River

25. Which Lake is the biggest freshwater lake in India?

    (A) Wular Lake

    (B) Dal Lake

    (C) Manasbal Lake

    (D) Nigeen Lake

26. Which national highway connects Kashmir valley with Jammu region and the rest of India through the Banihal road tunnel near Qazigund?

    (A) NH 1A

    (B) NH 2

    (C) NH3

    (D) NH1

27. Which article of the Indian constitution, which is of a temporary nature, grants special status to Jammu and Kashmir?

    (A) 371

    (B) 370

    (C) 372

    (D) 374

28. A renowned small Shakti temple was built within the Bahu Fort during the 8th century popularly known as Bave Wali MataTemple. To which Goddess the temple is dedicated to?

    (A) Lakshmi

    (B) Durga

    (C) Kali

    (D) Saraswati

29. Who was the founder and first Maharaja of the princely state of Jammu and Kashmir?

    (A) Gulab Singh

    (B) Hari Singh

    (C) Pratap Singh

    (D) Ranbir Singh

30. In which year had Maharaja Hari Singh ascended the throne of Kashmir?

    (A) 1927

    (B) 1925

    (C) 1924

    (D) 1923

31. If $A = \begin{bmatrix} 1 & 0 \\ 1 & 1 \end{bmatrix}$ and $B = \begin{bmatrix} 4 & 6 \\ 2 & 3 \end{bmatrix}$, then what is the determinant value of AB ?

    (A) 0

    (B) 12

    (C) 24

    (D) -24

32. If we use Crammers rule, what is the value of y, if 5x+17y=125 and 3x-13y=75?

    (A) 0

    (B) 1

    (C) 2

    (D) 3

33. What is the multiplicative inverse of the matrix $\begin{bmatrix} 0 & 11 \\ 11 & 0 \end{bmatrix}$?

    (A) $\begin{bmatrix} 0 & -11 \\ -11 & 0 \end{bmatrix}$

    (B) $\begin{bmatrix} -11 & 0 \\ 0 & -11 \end{bmatrix}$

    (C) $\begin{bmatrix} 0 & -\dfrac{1}{11} \\ -\dfrac{1}{11} & 0 \end{bmatrix}$

    (D) $\begin{bmatrix} 0 & \dfrac{1}{11} \\ \dfrac{1}{11} & 0 \end{bmatrix}$

34. In Lagrange's interpolation the curve passes through-

    (A) All the given points

    (B) None of the given points

    (C) Neighboring points

    (D) Points such that the error is minimum

35. What is the solution of $x^2 dy = y^2 dx$?

    (A) $\dfrac{1}{x} + \dfrac{1}{y} = C$

    (B) $\dfrac{1}{x} - \dfrac{1}{y} = C$

    (C) $x^3 - y^3 = C$

    (D) $x^3 + y^3 = C$

36. If, $A \subset B$. $n(A) = 30, n(B) = 20$. What is the value of $n(A \cup B)$?

(A) 10

(B) 20

(C) 30

(D) 50

37. If, $(x) = \dfrac{1}{x}$ then what is the differentiation of $(f(x))$?

(A) 1

(B) x

(C) $-\dfrac{1}{x^2}$

(D) $-\dfrac{2}{x^3}$

38. What is the integrating factor of $x\dfrac{dy}{dx} - y = x^2 e^x$?

(A) $\dfrac{1}{x}$

(B) $-\dfrac{1}{x}$

(C) $log\left(\dfrac{1}{x}\right)$

(D) $log(x)$

39. What is the angle between the lines AC and BC if the points A, B and C are A (2, 3), B (-3, 2) and C (0, 0)?

(A) 0°

(B) 30°

(C) 45°

(D) 90°

40. What is the derivative of $\dfrac{x}{logx}$ with respect to x?

(A) $\dfrac{log\left(\dfrac{e}{x}\right)}{(logx)^2}$

(B) $\dfrac{log\left(\dfrac{x}{e}\right)}{(logx)^2}$

(C) $\dfrac{log\left(\dfrac{x}{e}\right)}{x^2}$

(D) $\dfrac{log\left(\dfrac{e}{x}\right)}{x^2}$

41. Which of the following points are collinear?

(A) (x,y), (x-h,y+k), (x+h,y-k)

(B) (x,y), (x-h,y+k), (x+h,y+k)

(C) (x,y), (x+h,y-k), (x+h,y+k)

(D) (x,y), (x+h,y-k), (x-h,y+k)

42. If, $n(\bar{A}) = 20; n(\bar{B}) = 30; n(A \cup B) = 50;$ $n(A \cap B) = 10$ and if U represents the universal set, then what is the value of (U) ?

(A) 50

(B) 55

(C) 60

(D) 65

43. If, $(A \cap B \cap C) = 1; n(A \cap B) = 2; n(A \cap C) = 3;$ $n(B \cap C) = 4; n(A) = 5; n(B) = 6;$ $n(C) = 7; n(\overline{A \cup B \cup C}) = 8$ then what is the value of $n(U)$, if U is the universal set?

(A) 18

(B) 20

(C) 30

(D) 36

44. What is the derivative of $2^{\left(e^{logx}+1\right)}$ with respect to x?

(A) $\dfrac{(2^x)}{(log2)}$

(B) $(log2)(2^x)$

(C) $\dfrac{(2^{(x+1)})}{(log2)}$

(D) $(log2)(2^{(x+1)})$

45. If, f(x) is a quadratic equation, then which of the following is true?

(A) $\Delta f(x) = 0$

(B) $\Delta^2 f(x) = 0$

(C) $\Delta^3 f(x) = 0$

(D) $\Delta^3 f(x) \neq 0$

46. What is the solution of the differential equation $sinxcosydx + cosxsinydy = 0$

(A) $cosxcosy = C$

(B) $sinxcosy = C$

(C) $cosxsiny = C$

(D) $sinxsiny = C$

47. What is $\int xe^{x^2}\tan(e^{x^2})\sec^2(e^{x^2})dx$?

(A) $\dfrac{\tan(e^{x^2})}{4}$ +C

(B) $\dfrac{\tan^2(e^{x^2})}{4} + C$

(C) $\dfrac{\tan^2(e^{x^2})}{2} + C$

(D) $\dfrac{\tan(e^{x^2})}{2} + C$

48. If (-10,20), (20,-10) are the extremities of the diameter of a circle, then what is its centre?

(A) (5,5)

(B) (10,10)

(C) (15,15)

(D) (30,30)

49. In a class of 50 students, 30 are boys and the rest are girls. 30 students are hostellers and the rest come from their home. If 10 boys are non-hostellers then how many girls are hostellers?

(A) 0

(B) 5

(C) 10

(D) 20

50. What is $\int xe^{x^2} dx$?

(A) $e^{x^2} + C$

(B) $2\,e^{x^2} + C$

(C) $\dfrac{e^{x^2}}{2} + C$

(D) $xe^{x^2} + C$

51. You are creating a new PowerPoint presentation in MS Office 2007. Suppose you want to insert a 'Banner' shape in a slide. Which of the following is the correct option for doing so?

(A) Design-->Shapes-->Stars and Banners

(B) Insert-->Shapes-->Stars and Banners

(C) Format-->Shapes-->Stars and Banners

(D) Insert-->WordArt

52. Which of the following is an Internet browser?

(A) Task bar

(B) Windows Explorer

(C) www.gmail.com

(D) Mozilla Firefox

53. Which flow chart symbol is used to specify a logical condition of a problem statement?

(A)

(B)

(C)
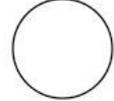
(D)

54. What do you mean by RARP?

(A) Reverse Address Resolution Point

(B) Reverse Address Resolution Protocol

(C) Reserve Address Resolution Protocol

(D) Reserve Address Resolution Point

55. What does ASCII stands for?

(A) American Standard Code for Information Institute

(B) Association of Standard Code for Information Institute

(C) American Standard Code for Information Interchange

(D) Association of Standard Code for Information Interchange

56. How will you enable Word Art Toolbar in MS Word 2007?

(A) Insert --> Word Art

(B) Tools -->Options -->Word Art

(C) View -->Word Art

(D) View-->Toolbars-->Word Art

57. Which function is used to count the number of cells having any data?

(A) Count()

(B) Counta()

(C) Counts()

(D) Countb()

58. Joystick, scanners, bar code reader, touch screen and light pen are the example of which of the following?
    (A) Input devices
    (B) Output devices
    (C) Firmware
    (D) Software

59. Which of the following is the correct form for an e-mail address?
    (A) ramesh:coldmail.com
    (B) coldmail.com@ramesh
    (C) ramesh@http://www.coldmail.com
    (D) ramesh@coldmail.com

60. Which type of virus is explicitly designed to hide itself from detection by antivirus software?
    (A) Polymorphic Virus
    (B) Worm
    (C) Stealth virus
    (D) Micro virus

61. Which of the following tool measures income distribution that identifies the share of the nation's income earned by different segments of the population?
    (A) Equilibrium curve
    (B) Multiplier
    (C) Demand curve
    (D) Lorenz Curve

62. Which of the following situation occurs when aggregate demand is growing at an unsustainable rate leading to increased pressure on scarce resources and a positive output gap?
    (A) Cost Pull Inflation
    (B) Cost Push Inflation
    (C) Demand Push Inflation
    (D) Demand pull inflation

63. Products such as jewels, diamonds and so on confer distinction on the part of the user, where in consumers tend to buy more goods when the price increases, and vice versa. This is an example of which type of good?
    (A) Veblen Goods
    (B) Giffen Goods
    (C) Substitute Goods
    (D) Complementary Goods

64. When the price of a good or product decreases, the relative price of that good makes buyer more eager to buy that good or product This effect is referred as -
    (A) Income
    (B) Demand
    (C) Substitution
    (D) Supply

65. Which of the following formula was modified by NDC in 1991 when Pranab Mukherjee was Deputy Chairman of the Planning commission?
    (A) Gadgil formula
    (B) Kharif formula
    (C) Mahalanobis formula
    (D) Harrod formula

66. Which of the following denotes the Aggregate Growth Model to project macro economic variables?
    (A) $K(t) = cY(t)$
    (B) $K(t) = Y(tc)$
    (C) $K(t) = Y(t)c$
    (D) $K(t) = cY(tc)$

67. Which of the following is measured against the average age that the individual is expected to reach?
    (A) Low life expectancy
    (B) Low standard of education
    (C) Poor health care
    (D) Unemployment

68. Which of the following is used to refer to the actions of central banks to achieve macroeconomic policy objectives such as price stability, full employment, and stable economic growth?

(A) Fiscal policy

(B) Monetary policy

(C) Corporate policy

(D) Government policy

69. A firm under Perfect Competition is in what state at the output, whose price is equal to both Marginal Cost and Average Cost?

(A) Long-Run Equilibrium

(B) Short Run Equilibrium

(C) Upward Swing

(D) Downward Swing

70. Transfer earnings from Government is an addition to which of the following?

(A) Personal Income

(B) Private Income

(C) Disposable Income

(D) Gross Income

71. What is referred to as the situation where the consumer has not reached the point of saturation in case of any commodity?

(A) Nonsatiety

(B) Transitivity

(C) Sensitivity

(D) Consistency

72. Which of the following curve means that an increase in the wages induces workers to increase the quantity of labour they supply?

(A) Upward

(B) Downward

(C) Vertical

(D) Horizontal

73. What are the Countries which are moving from a centrally planned economy to a free market are referred to?

(A) Economies In Transition (EIT)

(B) Economic Transfers (ET)

(C) Economic Imbalance (EI)

(D) Economic Vulnerability Index (EVI)

74. Who originated the technique of indifference curve in England in 1881?

(A) Fransis. Y. Edworth

(B) Adam Smith

(C) Alfred Marshall

(D) A.C. Pigou

75. What is the specific objective of India's 12th Five Year Plan?

(A) Self employment and resource development

(B) Improvement of health, education and sanitation

(C) Priority to industries sector

(D) Food production, employment and productivity

76. Which of the following problem arises when there is asymmetric information with regard to actions by the government among developing countries?

(A) Adverse Selection

(B) Moral Hazard

(C) Rationality

(D) Agency Problem

77. Which of the following tool is used as one way to measure the inequalities in the distribution of income and wealth in different countries?

(A) Correlation Coefficient

(B) Gardey Coefficient

(C) Gini Coefficient

(D) Phi Coefficient

78. What is referred to as change in the revenue resulting from the employment of an extra unit of the factor?

(A) Marginal Revenue Product

(B) Marginal expense

(C) Marginal Factor Cost

(D) Marginal Budget

79. Which growth model was adopted in the 1st Five Year Plan?
(A) Harrod - Domar
(B) Harrold - Dimmer
(C) Doma - Harro
(D) Dimman - Harrod

80. A rise in real GDP can lift millions of people out of which of the following?
(A) Absolute Poverty
(B) Relative Poverty
(C) Comparative Poverty
(D) Normal poverty

81. Which of the following is considered as 'factor of production' as economic resources can exist in an economy and non -transferable into consumer goods?
(A) Knowledge
(B) Entrepreneurship
(C) Land
(D) Capital

82. Payment for manmade factors such as buildings, machineries, etc. is an example of which type of rent?
(A) Quasi
(B) Recardian
(C) Economic
(D) Normal

83. Restrictions to entry is a characteristic of which of the following market?
(A) Perfect Market
(B) Imperfect Market
(C) Monopoly
(D) Oligopoly

84. Informational imperfections impose what type of costs on the working of markets and affect the nature of contracts and incentive schemes?
(A) Fixed Costs
(B) Variable Costs
(C) Switching Costs
(D) Transaction Cost

85. Under price discrimination mechanism, 'Dispose of surplus stock' is considered as what?
(A) Constraint
(B) Feature
(C) Objective
(D) Criteria

86. How do you determine the value of Marginal Product for Labour?
(A) VMPL = MPL * P
(B) VMPL = MPL + P
(C) VMPL = MPL - P
(D) VMPL = MPL / P

87. Short term economic growth is mainly driven by the level of -
(A) Aggregate Supply
(B) Aggregate Demand
(C) Difference between Export and Import
(D) Domestic Consumption

88. Which of the following is a narrow indicator of economic development that excludes non-economic indicators such as leisure time, access to health, education, environment, freedom or social justice?
(A) Net National Product
(B) Gross National Product
(C) Gross Domestic Product
(D) Per Capita Income

89. Which of the following technique is used in economics to get market demand curve?
(A) Horizontal summation
(B) Vertical Summation
(C) Equilibrium
(D) Interdependency

90. Under which of the following System there is no business cycle since all economic activities are controlled by the central planners?
(A) Communist
(B) Socialist
(C) Radicals
(D) Marxist

91. The geometric mean of L and P indices is:
    (A) Fisher ideal index
    (B) Bowley Index
    (C) Marshall & Edgeworth Index
    (D) Kelly Index

92. Which of these cities will be having the highest population city wise in 2015?
    (A) Tokyo
    (B) Delhi
    (C) Los Angles
    (D) Moscow

93. What stage of demographic transition theory depicts the onset of Industrialization?
    (A) Stage 1
    (B) Stage 2
    (C) Stage 3
    (D) Stage 4

94. The number of degree of freedom for a 4X5 contingency table in a chi square test is
    (A) 3
    (B) 6
    (C) 9
    (D) 12

95. The Crude birth rate is
    (A) The average number of child in a society
    (B) Based on the women between the age of 14 to 40(Child bearing age?)
    (C) The average number of live births in a year on 1000 women population
    (D) The average number of live births in a year on 1000 People of total population

96. For which of the following distribution the Z value and the observes value are same?
    (A) Binomial Distribution
    (B) Standard Normal distribution
    (C) Lognormal Distribuition
    (D) Poisson Distribution

97. If the population standard is 20 and the sample size is 16 then the standard error of mean will be
    (A) 5
    (B) 1.5
    (C) 6
    (D) 6.25

98. Counting of population is referred as
    (A) Growth rate
    (B) A census
    (C) Total Fertility rate
    (D) Total mortality rate

99. The number of live births per thousand population in a given year
    (A) Crude birth rate
    (B) Total Fertility Rate
    (C) Mortality rate
    (D) Morbidity rate

100. For comparing year changes in price level, the suitable index to be used is:
    (A) F.B.I.
    (B) C.B.I.
    (C) F.B.I. with price change as base
    (D) Consumer Price Index (C.P.I.)

101. What is the current globe population?
    (A) 5 Billion +
    (B) 6 Billion +
    (C) 7 Billion +
    (D) 8 Billion +

102. Which type of sampling strategy is exemplified by selecting two type of individual?
    (A) Intensity
    (B) Criterion
    (C) Snowball
    (D) Stratified

103. Which of the following is the case of Type II error?
    (A) The null hypothesis is true and rejected
    (B) The null hypothesis is false and rejected
    (C) The null hypothesis is true and accepted
    (D) The null hypothesis is false and accepted

104. What is sampling error? It is
    (A) Population parameter
    (B) Sample statistic
    (C) Population parameter=Sample Statistic
    (D) The difference between population parameter and sample statistic

105. Weighted average of relatives if base year value is taken as weights gives
    (A) Fisher ideal index
    (B) Laspeyres Index
    (C) Bowley Index
    (D) Marshall & Edgeworth Index

106. How many methods are employed to measure the seasonal variations?
    (A) 1
    (B) 2
    (C) 3
    (D) 4

107. According to whom population increase in Geometric progression while food production increase in arithmetic progression.
    (A) Malthus
    (B) Keynes
    (C) Robbins
    (D) Bowley

108. How many types of hypothesis are there?
    (A) One
    (B) Two
    (C) Three
    (D) Four

109. Demographers use the crude birth rate as a indicator of
    (A) Crude Birth rate
    (B) Crude Death rate
    (C) Fertility Rate
    (D) Mortality rate

110. The level of reproduction in the society is known as
    (A) Mortality
    (B) Fertility
    (C) Migration
    (D) Morbidity

111. Net working capital (NWC) is expressed by which of the following formula?
    (A) NWC = Current assets / current liabilities
    (B) NWC = Current assets - current liabilities
    (C) NWC = (Current assets - Inventory and prepaid expenses) / Current liabilities
    (D) NWC = Cash and marketable securities / Current liabilities

112. Which of the following is a financial statement that shows the financial position i.e. the assets, liabilities and capital of the business as on a particular date?
    (A) Profit and loss account
    (B) Trading account
    (C) Balance sheet
    (D) Capital account

113. In which evaluation system, the manager and the employee to be evaluated jointly set objectives/targets in advance for the employee to achieve during a specified period?
    (A) Graphic rating scale
    (B) Forced choice method
    (C) Essay evaluation
    (D) Management by Objective

114. Which of the following is an indirect tax?
    (A) Income tax
    (B) Wealth tax
    (C) Sales tax
    (D) Interest tax

115. 1. Staffing function prepares manpower planning to match the organizational and departmental requirements.

2. Staffing impacts productivity indirectly.

Identify whether the above statements related to importance of staffing are true or false.

(A) 1-True, 2-False

(B) 1-True, 2-True

(C) 1-False, 2-False

(D) 1-False, 2-True

116. Management is defined as "The act of getting things done through people". Who proposed this definition of management?

(A) Peter Drucker

(B) F.W. Taylor

(C) Mary Parker Follet

(D) Harold Koontz

117. Match the following with respect to controls based on timing.

1. Feed forward control

2. Concurrent control

3. Feedback control

A. Measures the results and compares them against predetermined standards.

B. Regulate ongoing activities

C. It is future oriented

(A) 1-B, 2-C, 3-A

(B) 1-C, 2-B, 3-A

(C) 1-C, 2-A, 3-B

(D) 1-A, 2-C, 3-B

118. Which of the following are essential components of a public financial management system?

1. Resource generation

2. Public budgeting

3. Resource allocation

4. Expenditure management

5. Government operations

(A) 1, 2, 3

(B) 1, 3, 4

(C) 2, 4, 5

(D) 3, 4, 5

119. What do you call a situation where the combined value of a firm is more than the sum of the values of individual firms?

(A) Strategic compatibility

(B) Synergy

(C) Value creation

(D) Organizational compatibility

120. Which of the following is defined as the process of determining future human resource needs relative to an organization's strategic plan and devising the steps necessary to meet those needs?

(A) Human resource management

(B) HR audit

(C) Human resource development

(D) Human resource planning

121. Under which of the followings concepts, each manager must look beyond what is legal and allowed and develop standards based on personal integrity, corporate conscience and long term consumer welfare?

(A) Selling concept

(B) Production concept

(C) Marketing concept

(D) Societal marketing concept

122. Which of the following terms refer to forces outside marketing that affect marketing management's ability to build and maintain successful relationships with the target customers?

(A) Economic environment

(B) Marketing environment

(C) Cultural environment

(D) Demographic environment

123. Which of the following is the first step of the management process?

(A) Leading

(B) Staffing

(C) Organizing

(D) Planning

124. Which of the following is a branch of economics which assesses the government revenue and government expenditure of the public authorities and the adjustment of one or the other to achieve desirable effects and avoid undesirable ones?

    (A) Public finance

    (B) Macroeconomics

    (C) Public good

    (D) Transfer payments

125. The following are the stages in consumer decision making process.

    1. Information search

    2. Evaluation of alternatives

    3. Post purchase behavior

    4. Problem recognition

    5. Purchase decision.

    Rearrange the above stages in the correct sequence.

    (A) 4, 1, 2, 5, 3

    (B) 4, 2, 1, 5, 3

    (C) 3, 5, 2, 1, 4

    (D) 2, 1, 5, 3, 4

126. The process of control consists of the following four steps.

    1. Measurement of performance.

    2. Take remedial actions.

    3. Establishment of standards.

    4. Comparison of actual and standard performance.

    Rearrange the steps in the correct sequence.

    (A) 2, 4, 3, 1

    (B) 1, 3, 4, 2

    (C) 2, 3, 4, 1

    (D) 3, 1, 4, 2

127. Which of the following is concerned with procurement and effective utilization of funds for the benefit of its shareholders?

    (A) Financial planning

    (B) Financial management

    (C) Financial decisions

    (D) Financial control

128. Which of the following refers to a system or process in which employees receive confidential, anonymous feedback from the people who work around them?

    (A) 360 degree appraisal

    (B) Critical incident technique

    (C) Management by objectives

    (D) Performance management system

129. Which of the following is defined as the management function of influencing, motivating, and directing people towards the achievement of organizational goals?

    (A) Leading

    (B) Planning

    (C) Controlling

    (D) Organizing

130. Which of the following is the central part of modern public finance?

    (A) Revenue

    (B) Expenditure

    (C) Income

    (D) Taxation

131. The following are the marks scored by 8 students in an examination.

    Marks: 46 83 13 04 15 28 30 34

    Find the median marks?

    (A) 19

    (B) 39

    (C) 29

    (D) 49

132. When a statistician collects secondary data what should be verified?

    (A) Depth of the source, breadth of the data

    (B) Reliability of the source, validity of the data

    (C) Quality of the source, quantity of the data

    (D) Level of the source, sink of the data

133. When the data is collected through TV, what type of information is required?
(A) Constant
(B) Random
(C) Periodic
(D) Variable

134. If an investigator collects information regarding births and deaths directly from the people, the data is called
(A) Survey data
(B) Census data
(C) Secondary data
(D) Primary data

135. Heights of six students are 163, 173, 168, 156, 162 and 165 cms. Find the arithmetic mean?
(A) 164.5 cms
(B) 174.6 cms
(C) 184.7 cms
(D) 154.5 cms

136. Which of the following is used for collecting data when area to be covered is large?
(A) Indirect oral interview
(B) Direct oral interview
(C) Contact method
(D) Advertisement

137. State true (T) or false (F).
1) The number of observations in any class is the class frequency.
2) Each class interval is specified by two limits called as class limits.
3) A histogram is the simplest form of graphical representation.
(A) T, T, F
(B) T, T, T
(C) F, T, F
(D) F, F, T

138. What do you mean by dichotomy?
(A) Classification of units on the basis of a characteristic into four classes.
(B) Classification of units on the basis of a characteristic into three classes.
(C) Classification of units on the basis of a characteristic into infinite classes.
(D) Classification of units on the basis of a characteristic into two classes.

139. The questions in a questionnaire are arranged in which of the following sequence?
(A) Roman number
(B) Alphabetic
(C) Numerical
(D) Logical

140. What is the probability of getting two heads when 3 coins are tossed?
(A) $\dfrac{1}{8}$
(B) $\dfrac{3}{8}$
(C) $\dfrac{7}{8}$
(D) $\dfrac{3}{4}$

141. The questionnaires are filled by questions pertaining to the -
(A) Syllabus
(B) Topic
(C) Investigation
(D) Country

142. State true (T) or false (F).
(i) Primary data are cheap
(ii) Secondary data are primarily collected for some other purpose
(iii) Secondary data are costly
(A) T, T, T
(B) F, F, F
(C) F, T, F
(D) F, F, T

143. Which of the following is a representative portion of the population?
    (A) Sample
    (B) Unit
    (C) Survey
    (D) Census

144. The systematic arrangement of classified data in rows and columns of a table is called -
    (A) Absorption
    (B) Tabulation
    (C) Classification
    (D) Deletion

145. When do we get success in questionnaire method of collection of data?
    (A) When proper drafting is done
    (B) When questions are very strange
    (C) When there are many questions
    (D) When questions are complex

146. What is it called when the relationship between two variables is studied?
    (A) Simple correlation
    (B) Simulation
    (C) Proportion
    (D) Regression

147. Classification is a systematic grouping of the units according to their –
    (A) Common characteristics
    (B) Variable characteristics
    (C) Numerical characteristics
    (D) Constant characteristics

148. What type of data do you collect in direct personal observation?
    (A) Indefinite and variable data
    (B) Non-homogeneous and constant data
    (C) Varying and definite data
    (D) Homogeneous and comparable data

149. What is the probability of getting a sum 'nine' when two dice are thrown?
    (A) $\dfrac{1}{7}$
    (B) $\dfrac{2}{9}$
    (C) $\dfrac{3}{5}$
    (D) $\dfrac{1}{9}$

150. What type of letter should be attached to the questionnaire?
    (A) Inland letter indicating the purpose of count
    (B) Registered letter indicating the purpose of trial
    (C) Covering letter indicating the purpose of the survey
    (D) Emailed letter indicating the purpose of the variable

Space for Rough work:

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