

Section I: Language Ability and Logical Reasoning (30%)

Below questions (1-5) are based on following information:

Seven sports—Football, Basketball, Tennis, Badminton, Cricket, Hockey, and Volleyball—are scheduled to be played from Monday to Friday in a week-long college sports fest. Each sport is played on a different day, and no more than two sports are played on the same day.

- I. Cricket is played on Tuesday.
 - II. Football is played on Friday, but not with Basketball or Tennis.
 - III. Basketball is played on the same day as one other sport but not on Thursday or Friday.
 - IV. Badminton is played on the same day as Tennis.
 - V. Volleyball is played on Monday.
 - VI. Hockey and Cricket are played on the same day.
 - VII. Tennis is not played on Thursday.
1. On which day is Hockey played?
 - a. Monday
 - b. **Tuesday**
 - c. Wednesday
 - d. Thursday
 2. Which sport is played on Thursday?
 - a. Football
 - b. Tennis
 - c. Basketball
 - d. **No Sport**
 3. Which two sports are played on the same day?
 - a. **Cricket and Hockey**
 - b. Volleyball and Tennis
 - c. Football and Basketball
 - d. Hockey and Badminton
 4. Which sport is played on Friday?
 - a. **Football**
 - b. Cricket
 - c. Volleyball
 - d. Badminton
 5. On which day is Basketball played?
 - a. **Monday**
 - b. Wednesday
 - c. Thursday
 - d. Friday

6. If the first and the second letters in the word "DEPRESSION" were interchanged, also the third and the fourth letters, the fifth and sixth letters and so on, which of the following would be the seventh letter from the right ?
- P**
 - O
 - S
 - I
7. In a row of children, Kanta is 12th from the left, and Rehan is 17th from the right. If there are 30 children in total, how many children are between them?
- 1**
 - 2
 - 3
 - 4
8. How many ways can a team of 4 be formed from 10 players?
- 285
 - 210**
 - 170
 - 180
9. In a certain class, a teacher distributed a few candies and a few bars among the students such that each student got an equal number of candies and an equal number of bars and no candies or bars remained undistributed. How many students were there in the class?
- (1) The teacher distributed 180 candies and 40 bars.
- (2) The total number of items received by each student was less than 20.
- Statement (1) ALONE is sufficient, but statement (2) ALONE is not sufficient to answer the question asked.
 - Statement (2) ALONE is sufficient, but statement (1) ALONE is not sufficient to answer the question asked.
 - BOTH statements (1) and (2) TOGETHER are sufficient to answer the question asked, but NEITHER statement ALONE is sufficient to answer the question asked.**
 - EACH statement ALONE is sufficient to answer the question asked.
10. A football tournament follows a single-elimination format with 32 teams. How many matches must be played to declare a winner?
- 32
 - 30
 - 31
 - Cannot be determined
11. The shift towards renewable energy (A) / is crucial in mitigating (B) / the adverse effects of fossil fuels (C) / on the environment (D).
- ABCD
 - CBAD
 - ACBD
 - BACD
12. "Humble" and "business school" are not two words (A)/ but we can address grand challenges (B)/ you might associate together, (C) only if business school education instils epistemic humility through reflexivity(D).

- a. ABCD
 - b. ACBD**
 - c. ADBC
 - d. BCAD
13. Eight books are arranged on a shelf. Four are from Harry Potter Book series, two are biographies, and two are poetry books. If Harry Potter Book series are to be kept together, how many arrangements are possible?
- a. 576
 - b. 720
 - c. 1440
 - d. 2880**
14. From 6 gymnasts and 4 Zumba dancers, a team of 5 is to be formed. If the team must have at least 2 Zumba dancers, how many ways can the team be formed?
- a. 186**
 - b. 200
 - c. 210
 - d. 226
15. How many 4's are there preceded by 7 but not followed by 3?
- 5 9 3 2 1 7 4 2 6 9 7 4 6 1 3 2 8 7 4 1 3 8 3 2 5 6 7 4 3 9 5 8 2 0 1 8 7 4 6 3
- a. Four**
 - b. Three
 - c. Five
 - d. Eight

Read the following passage and answer the questions that follow:

In 2005, an article titled “Providing Care and Facing Death: Nursing during the Ebola Outbreak in Central Africa” appeared in a publication called the Journal of Transcultural Nursing. The article discussed the efforts of nurses who treated Ebola patients in three outbreaks of the disease, in the Republic of Congo in 1995, in Uganda in 2000-2001, and again in the Republic of Congo in 2003. Two researchers, Bonnie Hewlett and Barry Hewlett, interviewed nurses and collected public records in order to write about the heroic risks taken by these groups of health workers.

The disease commonly known as Ebola is also known as EHF, or Ebola Hemorrhagic Fever. A hemorrhage is an uncontrolled flow of blood, resulting in enough loss of blood to kill the person who has the disease. Many nurses who treated EHF patients caught the disease themselves, and some died. The three points most emphasized by the researchers in their study were the lack of resources available to health care workers in the outbreak, the general social practice of “shunning,” or isolating and avoiding health workers along with their families, and the serious professional dedication of the nurses who were interviewed. The researchers wrote, “The nurses and other health care workers labored under very difficult conditions, as they often do in many parts of Africa, lacking such basic infection control tools as bleach, soap, and gloves. Their colleagues, community, and families often stigmatized or shunned them. Their clothes were burned, and their homes destroyed. Yet these nurses chose to stay on behalf of a sense of duty and their beliefs about what it means to be a caregiver. The major themes that emerged from interviews of nurses caring for patients of EHF are present, in some measure, at all times for health care workers working in the cities and rural villages of Africa.

Resources are generally always inadequate. For many professionals, working without pay is common, not unusual. The major difference between the Ebola epidemic and others, such as the HIV epidemic,

is that the nurses, doctors, Red Cross volunteers, and other health care workers risked their own lives to a much greater degree to provide care than in other epidemics. The aim of the current study was to provide new insights and background into a major health care crisis that made headlines around the world. No other study could be found that examined the experiences of nurses during an Ebola epidemic. The findings reported in this article are taken from a larger study of survivors of EHF, health care workers, community members, and traditional healers in villages with large numbers of EHF cases. Only the experiences of nurses caring for EHF patients and their families are reported here.”

“Nurses were fearful for their own lives, their families’ lives; they lacked protective gear, had few resources, families and colleagues shunned them—but they remained committed to their profession. They wanted to serve. As they had some biomedical training and knowledge, which made them feel somewhat less vulnerable, they wanted to use this knowledge to try to stop a rapidly killing disease. Nurses in the ROC expressed the importance of knowledge because with knowledge, stigmatization decreased and cooperation increased. “Knowledge enabled us and other national and international health care workers to feel safe and provide assistance in spite of being surrounded by our own and others’ fears.” These nurses demonstrated what it means to work with dedication and strength. They manifested the strength of the human spirit—about what it means to give care in the face of death.”

16. . Which keywords best describe the article?
 - a. Nursing, Ebola, Central Africa
 - b. Health Care, Epidemics, Africa
 - c. Fear, Medicine, Rural Africa
 - d. Risk, Careers, East Africa
17. The article was written in _____.
 - a. 1995, 2000-2001, and 2005
 - b. 1995
 - c. 2000-2005
 - d. 2005
18. What was the goal of the researchers in writing the article?
 - a. To criticize the nurses
 - b. To provide insight and background
 - c. To describe methods of curing EHF
 - d. To discuss traditional medicine practices
19. Another word for Journal in the first paragraph is _____.
 - a. public records
 - b. publication
 - c. interview
 - d. researcher
20. The word “inadequate” in the third paragraph means that _____.
 - a. nurses had all the resources they needed
 - b. more resources were needed
 - c. the nurses were not trained well
 - d. the nurses were paid well
21. According to the article, what is the main difference between EHF and HIV epidemics?
 - a. Health care workers faced greater risks with HIV.
 - b. Health care workers faced greater risks with EHF.
 - c. Health care workers were not shunned during the EHF outbreaks.
 - d. Health care workers had better equipment when dealing with EHF outbreaks.
22. According to the article, which issue was NOT present among the nurses interviewed?

- a. The lack of resources available to health care workers
 - b. The general social practice of shunning health workers
 - c. The serious professional dedication of the nurses
 - d. Lack of training and biomedical knowledge
23. An example of stigmatization might be ____.
- a. Risking death to help treat patients with EHF
 - b. feeling afraid of a dangerous disease
 - c. burning the nurses' clothes and destroying their homes
 - d. using disinfectant while caring for patients
24. How did the nurses believe they could overcome the practice of shunning health care workers?
- a. By increasing public knowledge
 - b. By vaccinating people against EHF
 - c. By refusing to treat EHF patients
 - d. By keeping patients and health workers separate from other people
25. In the last paragraph, taking action "in the face of death" means ____.
- a. the nurses acted in order to save the lives of their patients
 - b. that although the nurses knew they might die, they treated patients anyway
 - c. the nurses knew that EHF is a dangerous disease
 - d. the nurses knew that their patients might die
26. Odd One Out: Each of the following sentences are related to a similar topic. Four of them can be used to make a coherent paragraph. Identify the odd sentence out.
- a. The city's infrastructure is struggling to keep pace with its rapid population growth.
 - b. Urban planners are exploring sustainable solutions to address environmental concerns.
 - c. Historical preservation societies are advocating for the protection of landmark buildings.
 - d. The local bakery recently introduced a new line of artisanal breads.
 - e. Increased traffic congestion is leading to longer commute times and reduced productivity.
27. Odd One Out: Each of the following sentences are related to a similar topic. Four of them can be used to make a coherent paragraph. Identify the odd sentence out.
- a. As a result, the price of computers has fluctuated significantly in recent months.
 - b. The development of quantum computing holds the potential to solve complex scientific problems.
 - c. The rise of social media has had a profound impact on interpersonal communication.
 - d. Artificial intelligence is poised to revolutionize various industries, from healthcare to finance.
 - e. Cybersecurity threats are becoming increasingly sophisticated, requiring robust defence mechanisms.

Sentence Completion: Read the following sentences and fill in the blanks with the most suitable option.

28. While the initial proposal seemed promising, the subsequent analysis revealed a series of _____ flaws that necessitated a complete revision.
- a. superficial
 - b. inherent**
 - c. transient
 - d. peripheral

29. The speaker's eloquence was undeniable, but her arguments lacked the _____ that would have truly persuaded the audience.
- a. subtlety
 - b. nuance**
 - c. gravitas
 - d. articulation
30. The five sentences (labelled A – E) are jumbled up. Re-arrange them sequentially to form a coherent paragraph.
- A) In contrast, existentialist thinkers argue that meaning is not inherent but must be actively created through individual choices and experiences.
- B) The search for meaning in life has been a fundamental concern of philosophers for centuries, with different schools of thought offering distinct perspectives.
- C) While some traditions, such as religious and metaphysical philosophies, propose that meaning is preordained by a higher power or universal order, others reject this notion.
- D) This divergence in thought highlights the enduring tension between determinism and human agency in shaping our understanding of existence.
- E) Ultimately, the debate remains unresolved, as philosophical discourse continues to evolve with new interpretations and perspectives.
- a. ABCDE
 - b. BACED
 - c. BCADE**
 - d. EDCBA

Section II: Data Interpretation and Quantitative Ability (40%)

31. The LCM of two numbers is 120, and their HCF is 10. If one of the numbers is 20, what is the other number?
- a. 30
 - b. 60**
 - c. 40
 - d. 50
32. The sum of the digits of a two-digit number is 9. If the digits are interchanged, the number is increased by 27. The number is:
- a. 36**
 - b. 63
 - c. 45
 - d. 54
33. A number when divided by 143 leaves a remainder of 31. What will be the remainder when the same number is divided by 13?
- a. 5**
 - b. 7
 - c. 8
 - d. 11
34. If $15!$ is divisible by 3^n , find the maximum value of n .
- a. 4
 - b. 5
 - c. 6

- d. 7
35. How many trailing zeros are there in 50!?
- 10
 - 12
 - 14
 - 16
36. A train travels at a speed of 60 km/hr for $\frac{1}{3}$ rd of its journey and at a speed of 80 km/hr for the remaining journey. The average speed of the train is:
- 68.57 km/hr
 - 70 km/hr
 - 72 km/hr**
 - 75 km/hr
37. A and B can complete a work in 12 days. B and C can complete the same work in 15 days. A and C can complete the same work in 20 days. In how many days can A alone complete the same work?
- 10 days
 - 15 days
 - 20 days
 - 30 days
38. A train traveling at a speed of 72 km/hr crosses a pole in 10 seconds. What is the length of the train?
- 150 m
 - 200 m**
 - 180 m
 - 250 m
39. A boat can go 12 km upstream in 6 hours and 18 km downstream in 3 hours. Find the speed of the boat in still water.
- 4.5 km/hr
 - 4 km/hr**
 - 6 km/hr
 - 7 km/hr
40. Two varieties of rice costing ₹30 per kg and ₹40 per kg are mixed in a ratio of 2:3. Find the cost price of the mixture per kg.
- ₹35
 - ₹36
 - ₹34
 - ₹38
41. A shopkeeper offers a discount of 20% on an article. If the selling price is ₹800, what was the marked price?
- ₹900
 - ₹1000
 - ₹960
 - ₹1100
42. The average of five numbers is 48. If one number is excluded, the average becomes
- What is the excluded number?
- a) 60
 - b) 62
 - c) 57
 - d) 59

43. The ratio of the present ages of A and B is 4:5. After 5 years, the ratio will be 5:6.
What is the present age of A?
- 20 years
 - 25 years
 - 30 years
 - 35 years
44. A sum becomes ₹6400 in 2 years and ₹7290 in 3 years at compound interest. Find the approximate rate of interest per annum.
- 14%
 - 15%
 - 12%
 - 20%
45. A merchant has 1000 kg of sugar, part of which he sells at 8% profit and the rest at 18% profit. He gains 14% on the whole. The quantity sold at 18% profit is:
- 400 kg
 - 560 kg
 - 600 kg**
 - 640 kg
46. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The original sum is:
- Rs. 689
 - Rs. 698**
 - Rs. 745
 - Rs. 800
47. The sides of a triangle are in the ratio 3:4:5. The area of the triangle is 96 sq. cm. Then the length of the shortest side is:
- 12 cm**
 - 15 cm
 - 18 cm
 - 21 cm
48. The volume of a right circular cylinder is 1540 cubic cm. If the radius of the base is 7 cm, then the height of the cylinder is:
- 5 cm
 - 10 cm
 - 15 cm
 - 20 cm
49. The length of a tangent drawn from a point 8 cm away from the centre of a circle to the circle is 6 cm. What is the approximate radius of the circle?
- 2 cm
 - 4 cm
 - 5 cm
 - 7 cm
50. 10. If the edge of a cube is 5 cm, what is its total surface area?
- 100 cm²
 - 125 cm²
 - 150 cm²**
 - 200 cm²

51. The perimeter of a rectangle is 28 cm, and its area is 48 sq. cm. The length of the rectangle is:
- 8 cm**
 - 5 cm
 - 7 cm
 - 14 cm
52. If $|x-3| < 5$, then which of the following is true?
- $-2 < x < 8$
 - $x < -2$ or $x > 8$
 - $x > 3$
 - $x < 3$
53. If $f(x) = x^2 - 4x + 7$, then the minimum value of $f(x)$ is:
- 2
 - 3**
 - 4
 - 5
54. If $x + \frac{1}{x} = 3$, then $x^2 + \frac{1}{x^2}$ is equal to:
- 7
 - 9
 - 11
 - 13
55. The number of real solutions of $|x|^2 - 3|3x| + 2 = 0$
- 1
 - 2
 - 3
 - 4**
56. In how many ways can 10 identical balls be distributed among 4 distinct boxes such that each box receives at least one ball?
- 84**
 - 210
 - 120
 - 330
57. How many 5-letter words (with or without meaning) can be formed using the letters A, B, C, D, E, F, and G, such that no letter is repeated?
- 2520
 - 5040
 - 120
 - 16807
58. In a group of 150 people, 100 own a car, 80 own a bike, and 30 own both. How many own neither?
- 0
 - 10
 - 20
 - 30
59. Find the coefficient of x^3 in the expansion of $(1+x)^7$
- 35**
 - 21

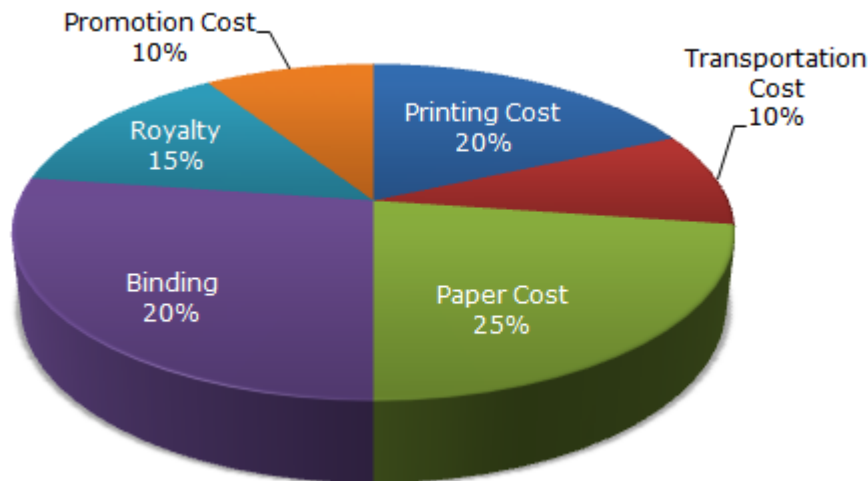
- c. 15
- d. 7

An analysis of 100 students has been conducted based on their performance in Maths and Science during an examination.

Subject	Marks out of 100				
	80 and above	60 and above	40 and above	20 and above	0 and above
Maths	9	32	80	92	100
Science	4	21	66	81	100
Average (Aggregate)	7	27	73	87	100

60. What is the difference between the number of students who passed with 60 as cut-off marks in science and those who passed with 60 as cut-off marks in aggregate?
- a. 3
 - b. 4
 - c. 5
 - d. 6
61. If at least 80% marks in Maths are required to pursue higher studies in Maths, how many students will be eligible to pursue higher studies in Maths?
- a. 27
 - b. 32
 - c. 34
 - d. 41
62. The percentage of the number of students getting at least 60% marks in Science over those getting at least 40% marks in aggregate is approximate.
- a. 21%
 - b. 27%
 - c. 29%
 - d. 31%
63. The number of students scoring less than 40% marks in aggregate is?
- a. 13
 - b. 19
 - c. 20
 - d. 27
64. If it is known that at least 23 students were eligible for a Symposium on Science, then would the minimum qualifying marks in science for eligibility for a Symposium be within the range?
- a. 40-45
 - b. 30-40
 - c. 20-30
 - d. Below 20

The following pie chart shows the percentage distribution of the expenditures incurred in publishing magazines. Study the pie chart and answer the questions based on it.



Various Expenditures (in percentage) Incurred in Publishing magazines

65. If the publisher has to pay Rs. 30,600 as a printing cost for a certain quantity of magazines, and what will be the royalty amount for these magazines?
 - a. Rs. 19,450
 - b. Rs. 21,200
 - c. Rs. 22,950
 - d. Rs. 26,150
66. The price of the magazine is marked 20% above the C.P. If the marked price of the magazine is Rs. 180, then what is the cost of the paper used in a single copy of the magazine?
 - a. Rs. 36
 - b. Rs. 37.50
 - c. Rs. 42
 - d. Rs. 44.25
67. If 5,500 copies are published and the transportation cost amounts to Rs. 82500, then what should be the magazine's selling price so that the publisher can earn a profit of 25%?
 - a. Rs. 187.50
 - b. Rs. 191.50
 - c. Rs. 175
 - d. Rs. 180
68. If the difference between the two expenditures is represented by 18° in the pie chart, then these expenditures are possibly
 - a. Binding Cost and Promotion Cost
 - b. Paper Cost and Royalty
 - c. Binding Cost and Printing Cost
 - d. Paper Cost and Printing Cost
69. If the cost of paper for an edition of the magazine is Rs. 56250, then find the promotion cost for this edition.
 - a. Rs. 20,000
 - b. Rs. 22,500
 - c. Rs. 25,500
 - d. Rs. 28,125

Section III: Business Aptitude (30%)

70. The term 'IPO' stands for _____.
a. International Public Offering
b. Initial Public Offering
c. Investment Profit Option
d. Internal Process Optimization
71. What type of market structure is characterized by many competitors selling identical products?
a. Monopoly
b. Oligopoly
c. Perfect Competition
d. Monopolistic Competition
72. Which financial ratio measures a company's ability to meet its short-term obligations?
a. Debt-to-Equity Ratio
b. Current Ratio
c. Return on Assets
d. Gross Profit Margin
73. What type of business structure is owned and operated by a single person, but has no legal distinction between the owner and business?
a. Corporation
b. Partnership
c. Sole Proprietorship
d. Limited Liability Company (LLC)
74. SEBI mandates the top 1000 listed companies to file ESG report. What is the full form of ESG?
a. Environmental Social Growth
b. Environmental Sustainable Governance
c. Economic Social Governance
d. Environmental Social Governance
75. A stag in stock market terminology means
a. **A speculator in the stock market who quickly buys and sells shares to earn profits**
b. An investor who speculates on a stock price's decline
c. An investor who invests in companies that are typically young and at an early growth stage.
d. Investors who look for undervalued stocks with strong fundamentals, expecting their prices to rise over time.
76. Which organization is responsible for regulating international trade?
a. World Bank
b. IMF
c. WTO
d. UN

77. Inflation refers to:

- a. **An increase in the general price levels of goods and services**
- b. A decrease in the money supply
- c. A decrease in prices of goods and services
- d. An increase in unemployment

78. A niche market is:

- a. A market with no competition
- b. **A specialized segment of a larger market**
- c. A market with high barriers to entry
- d. A market dominated by a single company

79. The 4Ps of marketing include:

- a. **Product, Place, Price and Promotion**
- b. People, Product, Promotion and Process
- c. Price, Profit, People and Place
- d. Planning, Placement, Production and People

80. What is meant by 'leverage' in finance?

- a. **Utilizing borrowed funds to increase the potential return on investment.**
- b. A technique for employee motivation
- c. A method for cutting costs
- d. The process of expanding market share organically investment.

81. Which term describes the cost incurred by producing one additional unit of a product?

- a. Fixed cost
- b. Average cost
- c. **Marginal cost**
- d. Sunk cost

82. 'Stagflation' is an economic condition where

- a. **High inflation, slow economic growth and high unemployment happen simultaneously**
- b. Low inflation, slow economic growth and high unemployment happen simultaneously

- c. Low inflation, slow economic growth and low unemployment happen simultaneously
- d. Low inflation, high economic growth and low unemployment happen simultaneously

83. Who is famously known as the “Oracle of Omaha” due to his legendary investment strategies?

- a. George Soros
- b. Warren Buffet**
- c. Carl Icahn
- d. Ray Dalio

84. Arundhati Bhattacharya is the first woman to lead which major Indian financial institution?

- a. HDFC Bank
- b. Reserve Bank of India (RBI)
- c. State Bank of India (SBI)**
- d. ICICI Bank

85. Who is the wealthiest person in the world as of February 2025 as per the Forbes Institute?

- a. Bill Gates
- b. Mukesh Ambani
- c. Gautam Adani
- d. Elon Musk**

86. Ratan Tata led the Tata Group’s acquisition of which two major global brands?

- a. Jaguar Land Rover & Corus**
- b. Rolls-Royce & Nokia
- c. General Motors & Mittal Steel
- d. Boeing & Arcelor

87. Which fast-food chain is famous for its “Golden Arches” logo?

- a. KFC
- b. Burger King
- c. McDonald’s**
- d. Subway

88. The Fortune Global 500 list ranks companies based on which key metrics?

- a. Brand Value

- b. Annual Revenue**
- c. Market Capitalization
- d. Employee Satisfaction

89. Which of the following is awarded to recognize outstanding contributions in social entrepreneurship?

- a. Ashoka Fellowship**
- b. Pulitzer Prize
- c. Fields Medal
- d. Booker Prize

90. Who is known as the father of modern economics?

- a. Karl Marx
- b. Adam Smith**
- c. John Maynard Keynes
- d. Milton Friedman

91. Which of the following is NOT a type of business ownership?

- a. Sole proprietorship
- b. Partnership
- c. Corporation
- d. Trademark**

92. Which term refers to the total market value of a company's outstanding shares?

- a. Profit
- b. Revenue
- c. Market Capitalization**
- d. Dividends

93. Which country was the first to achieve a 100% carbon-neutral economy as of January 2025?

- a. Costa Rica
- b. Bhutan**
- c. Iceland
- d. Denmark

94. Which of the following is the primary function of 'Basel Committee on Banking Supervision'?

- a. To create global accounting standards
- b. To establish global tax regulations
- c. To promote financial stability by developing banking supervision standards**
- d. To monitor international trade practices

95. Which of the following is NOT a primary function of the World Trade Organization (WTO)?

- a. To settle trade disputes between member countries
- b. To establish international labour laws**
- c. To facilitate trade negotiations between nations
- d. To monitor global trade policies

96. Who is the co-founder of Apple Inc. alongside Steve Jobs and Steve Wozniak?

- a. Tim Cook
- b. Ronald Wayne**
- c. Mark Zuckerberg
- d. Bill Gates

97. Which of the following is an example of a social factor in the business environment?

- a. Inflation rate
- b. Changing consumer preferences**
- c. Tax policies
- d. Exchange rates

98. What does the advertising metric 'CTR' stand for, and what does it measure?

- a. Cost-to-Rate: the cost per thousand impressions
- b. Conversion-to-Reach: the percentage of viewers that make a purchase
- c. Click-Through Rate: the percentage of viewers who click on the ad**
- d. Cost-to-Reach: the cost incurred for reaching each viewer

99. Which state is home to India's first private semiconductor manufacturing facility?

- a. Karnataka
- b. Maharashtra
- c. Andhra Pradesh**
- d. Odisha