# Practice Set-2

1. Which one of the following phrasal verbs may be used in the blank space in the sentence, "This watch is —— —— (selling for) $50"?
   (a) going for      (b) going after
   (c) going on       (d) going up

2. Which one of the following phrasal verbs may be used in the blank space in the sentence, "The manager promised to —— —— (examine) the matter himself"?
   (a) go into        (b) go in for
   (c) go out         (d) go by

3. Which one of the following phrasal verbs may be used in the blank space in the sentence, "Finding further resistance useless, he —— —— (surrendered)"?
   (a) gave in        (b) gave out
   (c) gave over      (d) gave way

4. Which one of the following phrasal verbs may be used in the blank space in the sentence, "The doctor asked him to —— —— (stop doing something) smoking"?
   (a) give in        (b) give up
   (c) give away      (d) give out

5. Which one of the following is the synonym of the word written in capital letters in the sentence, "After weeks of FRENETIC activity, the ground was ready for the big match".
   (a) Strenuous      (b) Hurried
   (c) Excited        (d) Hectic

6. Which one of the following is the synonym of the word written in capital letters in the sentence, "The students took COPIOUS notes during the lecture delivered by the visiting professor".
   (a) Extensive      (b) Exhaustive
   (c) Bounteous      (d) Abounding

7. Which one of the following is the synonym of the word written in capital letters in the sentence, "Very few people are IMPERVIOUS to criticism".
   (a) Impenetrable   (b) Unaffected
   (c) Unstoppable    (d) Unmindful

8. Which one of the following is the antonym of the word written in capital letters in the sentence, "What the critic said about this new book was ABSURD" ?
   (a) Interesting    (b) Impartial
   (c) Sensible       (d) Ridiculous

9. Which one of the following is the antonym of the word written in capital letters in the sentence, "Dust storms and polluted rivers have made it HAZARDOUS to breathe the air and drink the water".
   (a) Convenient     (b) Risky
   (c) Wrong          (d) Safe

10. Which one of the following is the antonym of the word written in capital letters in the sentence, "His family SEVERED ties with him for marrying inter-caste".
    (a) Joined        (b) Included
    (c) Detached      (d) Disrupted

**DIRECTIONS (Qs. 11-13):** In the following Five Questions, some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error. If a sentence is free from error, mark option (d) i.e. 'No error' as your answer.

11. By May next year, I have been working in this college for twenty years.
    (a) By May next year
    (b) I have been working in this college
    (c) for twenty years.
    (d) No error

12. Everyone of us should realize that any act of negligence will cause a great harm to our country's security.
    (a) Everyone of us should realize that
    (b) any act of negligence will cause
    (c) a great harm to our country's security
    (d) No error

13. A bird in the tree is worth two in the bush.
    (a) No error       (b) two in the bush
    (c) is worth       (d) A bird in the tree

14. Which one of the following words can be used as a substitute for the phrase, " One who hides away on a ship to obtain a free passage"?
    (a) Compositor     (b) Stoker
    (c) Stowaway       (d) Shipwright

15. Which one of the following words can be used as a substitute for the phrase, " An emolument over and above fixed income or salary"?
    (a) Honorarium          (b) Sinecure
    (c) Perquisite          (d) Prerogative

16. Which one of the following is the appropriate question tag in the sentence, " Nothing about the story is true, _____ "?
    (a) is there            (b) is it
    (c) are there           (d) isn't it

17. Which one of the following is the appropriate question tag in the sentence, " Rajan would like to get a scholarship, _____ "?
    (a) would he            (b) wouldn't he
    (c) isn't he            (d) wont' he

18. Which one of the following is the appropriate question tag in the sentence, "
    Sharon can cope with the situation, _____ "?
    (a) can't she           (b) can she
    (c) won't she           (d) doesn't she

19. Which one of the following prepositions may be used in the blank space in the sentence, "_____ you leave now, you will be late."
    (a) Until               (b) Till
    (c) Unless              (d) Although

20. Which one of the following prepositions may be used in the blank space in the sentence, "If you had followed the rules, you _____ disqualified."
    (a) will not be
    (b) would not be
    (c) will not have been
    (d) would not have been

21. Let $x$ be an odd natural number. If $x$ is divided by 6, it leaves a remainder $y$. If $y^2$ is divided by 4, it leaves remainder of $z$. Which of the following must be true for $z$?
    (a) $z = 3$             (b) $z = 5$
    (c) $z = 1$             (d) $z$ is even

22. A 240 - meter long train running at the speed of 60 kmph will take how much time to cross another 270 - meter long train running in the opposite direction at the speed of 48 kmph ?
    (a) 17 seconds          (b) 3 seconds
    (c) 12 seconds          (d) 8 seconds

23. Two concentric circles are drawn with radii 12 cm and 13 cm. What will be the length of any chord of the larger circle that is tangent to the smaller circle?
    (a) 5 cm  (b) 8 cm  (c) 10 cm (d) 25 cm

24. Sunetra invested an amount of ₹ 50,000 to start a software business. After six months Nikhil joined her with an amount of ₹ 80,000. At the end of 3 years they earned a profit of ₹ 24,500. What is Sunetra's share in the profit?
    (a) ₹ 14,000/-          (b) ₹ 9,423/-
    (c) ₹ 10,250/-          (d) None of these

25. The arithmetic mean of the scores of a group of students in a test was 52. The brightest 20% of them secured a mean score of 80 and the dullest 25% a mean score of 31. The mean score of remaining 55% is.
    (a) 45    (b) 50    (c) 51.4  (d) 54.6

26. Two candidates fought an election. One of them got 64% of the total votes polled and won with 980 votes. What was the total number of votes polled?
    (a) 2500                (b) 3580
    (c) 3550                (d) None of these

27. The four equal circles of radius 4 cm. drawn on the four corners of a square touch each other externally. Then the area of the portion between the square and the four sectors is
    (a) $9(\pi - 4)$ sq. cm
    (b) $16(4 - \pi)$ sq. cm
    (c) $99(\pi - 4)$ sq. cm
    (d) $169(\pi - 4)$ sq. cm

28. If the numerator of a fraction increased by 200% and the denominator of the fraction is increased by 120%, the resultant fraction is $\frac{4}{11}$. What is the original fraction?
    (a) $\frac{4}{15}$  (b) $\frac{3}{11}$  (c) $\frac{5}{12}$  (d) $\frac{6}{11}$

29. What is the interest received on a principal of ₹ 450 for 2 years if the interest received on ₹ 1 after four years at the same rate of simple interest is ₹ 0.40?
    (a) ₹ 90
    (b) ₹ 180
    (c) ₹ 36
    (d) Cannot be determined

30. The owner of an electronics shop charges his customer 22% more than the cost price. If a customer paid ₹ 10,980 for a DVD player, then what was the cost price of the DVD player?
    (a) ₹ 8000        (b) ₹ 9000
    (c) ₹ 9500        (d) ₹ 9200

31. Points A and B are 100 km apart on a highway. One car starts from A and another from B at the same time. If the cars travel in the same direction, they meet in 5 hours. If the cars travel towards each other, they meet in 1 hour. What is the speed of the faster car?
    (a) 70 km/hour        (b) 40 km/hour
    (c) 60 km/hour        (d) 80 km/hour

32. A spherical ball of radius 1 cm is dropped into a conical vessel of radius 3 cm and slant height 6 cm. The volume of water (in $cm^3$), that can just immerse the ball, is
    (a) $\dfrac{5\pi}{3}$   (b) $3\pi$   (c) $\dfrac{\pi}{3}$   (d) $\dfrac{4\pi}{3}$

33. A sample of 50 litres of glycerine is found to be adulterated to the extent of 20%. How much pure glycerine should be added to it so as to bring down the percentage of impurity to 5%?
    (a) 155 litres        (b) 150 litres
    (c) 150.4 litres      (d) 140 litres
    (e) None of these

**DIRECTIONS:** In this questions there is a problem figure and four answer figures marked (a), (b), (c), (d) are given. Select the answer figure which is exactly the mirror image of the problem figure.
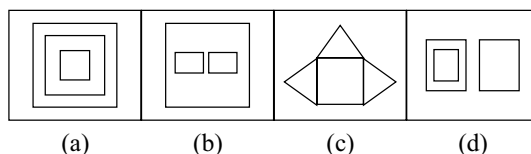
34. **Question Figure:**

    **Answer Figures:**

    (a)      (b)      (c)      (d)
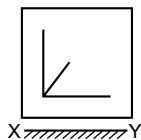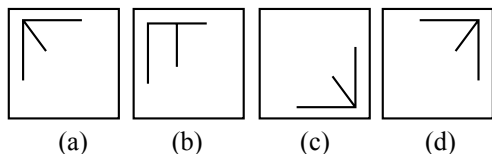
35. Choose from the following diagrams (a), (b), (c) and (d) the one that illustrates the relationship among three given classes: North America, United States of America, New York

**Answer figures**

    (a)          (b)          (c)          (d)

36. The river Chenab was known during the Vedic period by the name :
    (a) Askini        (b) Parushni
    (c) Shutudri      (d) Vitasta

37. Buddha attained Mahaparinirvana in the republic of
    (a) Mallas        (b) Lichhavis
    (c) Shakyas       (d) Palas

38. Shashgani was a small silver coin equal to
    (a) 4 Jitals      (b) 6 Jitals
    (c) 8 Jitals      (d) 10 Jitals

39. Who among the following has given a detailed account of the postal system during the Sultanate period?
    (a) Amir Khusro        (b) Ibn Battuta
    (c) Sultan Firoz Shah  (d) Ziauddin Barani

40. Which type of work was looked after by the department of Diwan-i-Kohi under Muhammad Tughlaq?
    (a) Agriculture
    (b) Army
    (c) Justice
    (d) Royal correspondence

41. The land which directly yielded revenue to the Sultan was known as
    (a) Khalisa        (b) Inam
    (c) Waqf           (d) Iqta

42. Who wrote the book, Poverty and un-British Rule in India?
    (a) R. C. Dutt
    (b) Dadabhai Naoroji
    (c) Bipin Chandra Pal
    (d) Lajpat Rai

43. When did Bihar become a separate province in India?
    (a) 1897
    (b) 1905
    (c) 1907
    (d) None of the above

44. Who invited Gandhiji to Champaran?
    (a) Rajendra Prasad
    (b) Raj Kumar Shukla
    (c) Mazharul Huq
    (d) Krishna Sahay

45. After Independence, in which year were the Indian States reorganized on the linguistic basis?
    (a) 1947    (b) 1951    (c) 1956    (d) 2000

46. Birsa was captured, while asleep, on :
    (a) 1 February, 1900    (b) 2 February, 1900
    (c) 3 February, 1900    (d) None of the above

47. Who is regarded as "The Mother of Indian Revolution"?
    (a) Mrs. Annie Besant
    (b) Snehlata Wadekar
    (c) Sarojini Naidu
    (d) Madam BhikhajiRustamCama

48. Which journal was not associated with the revolutionary activities?
    (a) Sandhya              (b) Yugantar
    (c) Ghadr                (d) None of these

49. First Indian elected to the British House of Commons was DadabhaiNaoroji who contested on the ticket of ;
    (a) Liberal Party
    (b) Labour Party
    (c) Conservative Party
    (d) Communist Party

50. The Chittagong Armoury Raid had been planned by
    (a) Surya Sen            (b) Chandan Dutta
    (c) Vidhan Ghosh         (d) Jatin Das

51. The proposal for framing of the Constitution of India by an elected Constituent Assembly was made by
    (a) Simon Commissions
    (b) Government of India Act, 1935
    (c) Cripps Mission
    (d) British cabinet Delegation

52. Match the following

| List I (Person) | List II (Role in making of the Constitution of India) |
|---|---|
| A. Rajendra Prasad | 1. Member Drafting Committee |
| B. T T Krishanamachari | 2. Chairman Constituent Assembly |
| C. H C Mukherjee | 3. Chairman Drafting Committee |
| D. B R Ambedkar | 4. Vice Chairman Constituent Assembly |

**Codes:**

|     | A | B | C | D |     | A | B | C | D |
|-----|---|---|---|---|-----|---|---|---|---|
| (a) | 2 | 1 | 4 | 3 | (b) | 2 | 4 | 1 | 3 |
| (c) | 3 | 4 | 1 | 2 | (d) | 3 | 1 | 4 | 2 |

53. The source of the basic structure theory of the Constitution of India is
    (a) the Constitution
    (b) opinion of jurists
    (c) indicial interpretation
    (d) parliamentary statutes

54. Match List-I with List-II and select the correct answer by using the codes given below:

| List-I (Bodies) | List-II (Articles) |
|---|---|
| A. Finance Commission | 1. Article 148 |
| B. Union Public Service Commission | 2. Article 280 |
| C. Election Commission | 3. Article 315 |
| D. Comptroller and Auditor-General of India | 4. Article 324 |

**Codes :**

|     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 4 | 1 | 2 | 3 |
| (b) | 2 | 3 | 4 | 1 |
| (c) | 4 | 3 | 2 | 1 |
| (d) | 2 | 1 | 4 | 3 |

55. Match List-I with List-II and select the correct answer using the codes given below:

| List-I (State) | List-II (Full Statehood Granted In) |
|---|---|
| A. Goa | 1. 1966 |
| B. Haryana | 2. 1972 |
| C. Meghalaya | 3. 1976 |
| D. Sikkim | 4. 1987 |

**Codes :**

|     | A | B | C | D |
|-----|---|---|---|---|
| (a) | 3 | 1 | 2 | 4 |
| (b) | 4 | 2 | 1 | 3 |
| (c) | 3 | 2 | 1 | 4 |
| (d) | 4 | 1 | 2 | 3 |

56. Which of the following is not guaranteed by the Constitution?
    (a) Freedom of assembly
    (b) Freedom of residence
    (c) Freedom of strike
    (d) Freedom of association

57. Consider the following statements and select the correct answer from the codes given below:
    **Assertion (A):** The Directive Principles of State Policy contained in the Constitution of

India are relevant in determining the limits of reasonable restrictions laid down in Article 19 dealing with the fundamental right to Freedom.
**Reason (R):** The Fundamental Rights in Part III of the Constitution have been superseded by the Directive Principles.
**Codes:**
(a) Both A and R are individually true and R is the correct explanation of A
(b) Both A and R are individually true but R is not the correct explanation of A
(c) A is true but R is false
(d) A is false but R is true

58. In an economy a condition of lack of money supply in comparison to the supply of the goods services, will lead to:
(a) Inflation          (b) Deflation
(c) Hyperinflation     (d) Devaluation

59. Which of the following steps that will result in containing inflation?
    (1) Increasing cash Reserve Ratio (CRR)
    (2) Decreasing Statutory Liquidity Ratio (SLR)
    (3) Permitting Central/State agencies to import duty free pulses and sugar.
    Select the correct answer using the codes given below:
    (a) 1 only              (b) 1 and 3 only
    (c) 2 and 3 only        (d) 1, 2 and 3

60. The first phase of liberalization was initiated in India under the regime of—
    (a) Rajiv Gandhi
    (b) P.V. Narsimha Rao
    (c) Atal Bihari Vajapayee
    (d) H.D. Dev Gowda

61. "Bihar Economics Survey", for the first time, was published for the financial year
    (a) 2004-05             (b) 2006-07
    (c) 2008-09             (d) 2009-10

62. Consider the following statements about the agriculture Income Tax
    1. Agriculture Income Tax is levied and collected by the Union Government.
    2. Agriculture Income Tax is levied throughout the country in India.
    Which of the statements given above is/are correct?
    (a) 1 only              (b) 2 only
    (c) Both 1 and 2        (d) Neither 1 nor 2

63. The Government of India earns maximum revenue from
    (a) Income tax          (b) Union excise duty
    (c) Customs duty        (d) Corporation tax

64. OTCEI is—
    (a) Atomic Submarine of China
    (b) Economic Policy of USA
    (c) An Indian Share Market
    (d) A defence research organisation

65. Debenture holders of a company are its
    (a) shareholders        (b) creditors
    (c) debtors             (d) directors

66. Which ministry is set to launch "Santusht" portal for rapid grievance redressal for the employers and the employees?
    (a) Ministry of Commerce and Industry
    (b) Ministry of Finance
    (c) Ministry of Labor and Employment
    (d) Ministry of Human Resource Development

67. How is the 'Revised National TB Control Programme (RNTCP)', the scheme of Ministry of Health & Family Welfare, recently renamed?
    (a) National Tuberculosis Elimination Programme (NTEP)
    (b) National Tuberculosis Control Programme (NTCP)
    (c) National Tuberculosis Removal Programme (NTRP)
    (d) National Tuberculosis Abolition Programme (NTAP)

68. Shyama Prasad Mukherji Rurban Mission is implemented by which Union Ministry?
    (a) Ministry of Agriculture & Farmers Welfare
    (b) Ministry of Rural Development
    (c) Ministry of Housing and Urban Affairs
    (d) Ministry of Personnel, Public Grievances and Pensions

69. The committee for working out the operational guidelines of 'KISAN RAIL' is formed under the aegis of which ministry?
    (a) Ministry of Railways
    (b) Ministry of Agriculture and Farmers welfare
    (c) Minister of Food Processing Industries
    (d) Ministry of MSME

70. Women Scientist Scheme C (KIRAN IPR) and Vigyan Jyoti are the schemes of which Union Ministry?
    (a) Ministry of Women and Child Development
    (b) Ministry of Science and Technology
    (c) Ministry of Human Resource Development
    (d) Ministry of Skill Development and Entrepreneurship

71. The Union Cabinet approved the inclusion of AYUSH Health and Wellness Centre (AYUSH HWC) component of Ayushman Bharat in which scheme?
    (a) Pradhan Mantri Swasthya Suraksha Yojana
    (b) National AYUSH Mission
    (c) Janani Suraksha Yojana
    (d) Mission Indhradhanush

72. What is the name of the initiative of Civil Aviation Ministry which aims to supply medical supplies across country amid lockdown?
    (a) Corona Udan        (b) Lifeline Udan
    (c) Medico Udan        (d) Covid Udan

73. Vyas Samman is awarded annually by
    (a) Azim Premji Foundation
    (b) Times Group
    (c) KK Birla Foundation
    (d) Ministry of Culture

74. When ice melts, then the
    (a) volume increases
    (b) volume decreases
    (c) mass increases
    (d) mass decreases

75. During the change of state of matter the temperature of the substance
    (a) increases
    (b) decreases
    (c) remains the same
    (d) may increase or decrease

76. A cut diamond sparkles because of its
    (a) hardness
    (b) high refractive index
    (c) emission of light by the diamond
    (d) absorption of light by the diamond

77. Which gas is responsible for the swelling of bread?
    (a) Oxygen
    (b) Carbon monoxide
    (c) Carbon dioxide
    (d) Ammonia

78. Which one among the following is *not* a mixture?
    (a) Graphite        (b) Glass
    (c) Brass           (d) Steel

79. How many moles of hydrogen atom are present in one mole of Aluminium hydroxide?
    (a) one mole        (b) Two moles
    (c) Three moles     (d) Four moles

80. The main function of the inner bark of a woody plant is to
    (a) transport minerals and water from the roots to the leaves
    (b) act as a membrane impermeable to water and gas
    (c) transport food from the leaves to the other parts of the plant
    (d) protect the plant from herbivorous animals

81. pH of human body varies within the range of
    (a) 6.0 to 6.5      (b) 5.5 to 5.8
    (c) 7.0 to 7.8      (d) 7.0 to 11.0

82. Which one of the following is not a chordate?
    (a) Starfish        (b) Dolphin
    (c) Shark           (d) Snake

83. The radio-isotope used to detect blood-clots in the circulatory system is
    (a) Arsenic-74      (b) Cobalt-60
    (c) I-131           (d) Sodium-24

84. With reference to 'Geospatial Technology', which of the following statements is/are correct?
    1. Geospatial Technology relating to the collection or processing of data that is associated with location".
    2. Geospatial Technology involves GPS (global positioning systems), GIS (geographical information systems), and RS (remote sensing).

    Select the correct option from the codes given below:
    (a) Only 1
    (b) Only 2
    (c) 1 and 2
    (d) None of the above

85. During the — portion of the Information Processing Cycle, the computer acquires data from some source.
    (a) storage and output      (b) storage
    (c) input                   (d) output

86. End to End connectivity is provided from which of the following layer?
    (a) Network layer       (b) Session layer
    (c) Transport layer     (d) Data link layer
87. Which of the following is not true about passwords?
    (a) A password should be a combination of mixed case alphanumeric characters
    (b) Password should be maximum 6 characters in length
    (c) A password that can be memorized easily should be used, so that it need not be noted down
    (d) A password that can be typed quickly without much effort should be used
88. Which elements of a Word document can be displayed in colour?
    (a) Only graphics
    (b) Only text
    (c) All elements
    (d) All elements but only if you have a colour printer
89. External database is
    (a) Database created in EXCEL
    (b) Database created using DBMS package
    (c) Database created in MS-Word
    (d) All of the above
90. Which of the following accounting practice, is essential to the use of accounting as a universal way to communicate financial information
    (a) Money Measurement
    (b) Conservatism
    (c) Cost convention
    (d) None of these
91. Balance sheet audit includes verification of
    (a) Liabilities
    (b) Income and Expense Accounts Where Appropriate
    (c) All of these
    (d) Assets
92. Which accounting method, recognizes and records revenue and expenses when the product or service is actually sold to customers
    (a) credit accounting
    (b) accural accounting
    (c) cash accounting
    (d) debit accounting
93. Which of the following is responsible for IFRS
    (a) Norwalk Agreement
    (b) IASB
    (c) SEC
    (d) None of these

94. What does not have a concept of functional currency and entities has to report their financial statements in INR
    (a) Indian GAAP       (b) US GAAP
    (c) IFRS              (d) None of these
95. Which activity for accounting information, is covered by accounting function
    (a) identifying information
    (b) recording information
    (c) reporting information
    (d) All of these
96. Accounting treatment of a Capital Expenditure as Revenue expenditure creates ------------
    (a) Secret Reserve      (b) Capital Reserve
    (c) Revenue Reserve     (d) General Reserve
97. Which of the following accounting practice, is the accounting practice of reporting less revenue and a lower asset amount,
    (a) Cost convention
    (b) Conservatism
    (c) Money Measurement
    (d) None of these
98. Which financial statement, shows what a company owns and owes and its shareholder's equity
    (a) Balance Sheet
    (b) Income Statement
    (c) Cash Flow Statement
    (d) None of these
99. Which of the following expenses should not be treated as capital expenditure?
    (a) Legal Expenses Incurred To Defend A Suit Related To Title Of Patent. The suit Has Been Lost
    (b) Cost of Dismantling A Building In Case A New Building is To Be Constructed On The Land
    (c) Expenses Paid On Installation Of A Plant
    (d) The Fees Paid To Engineer Who Constructed The Plant
100. Who establishes the polices for the Generally Accepted Accounting Principles of India (Indian GAAP)
    (a) Ministry Of Finance, India
    (b) ICSI
    (c) ICAI
    (d) ICFAI

101. Which of the following is not include in Balance sheet?
    (a) Verification Of Assets And Liabilities
    (b) Vouching Of Income And Expense Accounts Related To Assets Liabilities
    (c) Examination Of Adjusting And Closing Entries
    (d) Routine Check

102. Which of the following is not an limitation of an accounting standard?
    (a) Facilitate Comparison Of Financial Statements
    (b) Alternative Solutions To Certain Accounting Issues
    (c) A Trend May Occur Towards Rigidity And Digress From Flexibility in Utilizing The Accounting Standards.
    (d) Cannot Countermand The Statute

103. The World Employment and Social Outlook (WESO) report is published by:
    (a) World Bank
    (b) UNCTAD
    (c) World Economic Forum
    (d) ILO

104. In which year did Factories Act come into force?
    (a) 23$^{rd}$ September, 1948
    (b) 1$^{st}$ April, 1949
    (c) 4$^{th}$ April, 1949
    (d) 12$^{th}$ September, 1948

105. The condition of 80 days of employment in the 12 months immediately preceding the date of benefit has been made an eligibility condition for getting:
    (a) Maternity Benefit under the Maternity Benefit Act
    (b) Disablement benefit under the ESI Act
    (c) Gratuity under the Payment of Gratuity Act
    (d) Sickness benefit under the ESI Act

106. As per the Sexual Harassment of Women at Workplace Act, which of the following act is not termed as Sexual Harassment?
    (a) A demand or request for a sexual favour
    (b) Sexually coloured remarks
    (c) Bad Physical contact
    (d) Meeting in the cabin of the office

107. Which article of the Indian Constitution gives freedom to form a trade Union?
    (a) Article 23        (b) Article 19(1)(c)
    (c) Article 24        (d) Article 14

108. What is the maximum age for being eligible as a child under The Child Labour (Prohibition and Regulation) Act, 1986?
    (a) 14 years          (b) 16 years
    (c) 18 years          (d) 12 years

109. Who had formulated the Employees Provident Fund Scheme?
    (a) Medical Benefit Council
    (b) ESIC
    (c) The State Government
    (d) The Central Government

110. Under ESI Act, 1948 a member of the Corporation, Standing Committee or the Medical Council shall cease to be a member of the body if he fails to attend:
    (a) Two consecutive meetings
    (b) Three meetings intermittently
    (c) Three consecutive meetings
    (d) Four consecutive meetings

111. Which of the following legislations in India is governed by a tripartite organization consisting of representatives of labour, management and Government?
    (a) Industrial Disputes Act
    (b) ESI Act
    (c) Maternity Benefit Act
    (d) Payment of Bonus Act

112. The International Day for Abolition of Slavery is observed internationally on?
    (a) 1$^{st}$ May        (b) 2$^{nd}$ December
    (c) 12$^{th}$ June       (d) 22$^{nd}$ September

113. As per section 2 in Factories Act, who will be called as an adult?
    (a) A person who has completed 21 years of age
    (b) A person who is less than 19 years of age
    (c) A person who has completed 24 years of age
    (d) A person who has completed 18 years of age

114. The Royal Commission on Labour examined which of the two States' Maternity Benefit Acts and recommended enactment of similar laws all over the country?
    (a) Bombay and Madhya Pradesh
    (b) Madras and Mysore
    (c) Bihar and Bengal
    (d) Punjab and Assam

115. Find the correct statement:
    (a) Article 39(d) of the Constitution envisages equal pay for equal work.
    (b) Bonded Labour System (Abolition) Act was passed in 1957
    (c) Child Labour (Prohibition and Abolition) Act was passed in 1978
    (d) Article 23 of the Indian Constitution prohibits child labour

116. Which of the following legislations was based on the recommendations of the B.P. Adarkar Committee Report?
    (a) Maternity Benefit Act
    (b) Employees' Compensation Act
    (c) Employees' Provident Funds Act
    (d) Employees' State Insurance Act, 1948

117. What is Labour Identification Number (LIN)?
    (a) An alphanumeric code given to every unemployed worker
    (b) A number given to each MGNREGA Job Card Holder
    (c) A code given to employers for ease of inspection and enforcement
    (d) A number associated with manual labourers in India

118. The 5$^{th}$ meeting of the Economic Advisory Council of the 15$^{th}$ finance Commission was held in which of the following city?
    (a) Chennai          (b) Indore
    (c) New Delhi        (d) Mumbai

119. According to a recent report by Ministry of Micro, Small and Medium Enterprises, how much percent MSME sector has contributed to GDP
    (a) 25%   (b) 29%   (c) 32%   (d) 36%

120. What is the limit of personal loans offered by recently launched Mi Credit?
    (a) ₹ 50,000          (b) ₹ 1 lakh
    (c) ₹ 3 lakh          (d) ₹ 5 lakh

# Hints & Explanations

1. **(a)** going for (selling for)
2. **(a)** go into (examine)
3. **(a)** gave in (surrendered)
4. **(b)** give up (stop doing something)
5. **(d)** The word 'frenetic' means 'wildly excited or active', energetic, hectic, fast and furious etc.
6. **(a)** The word 'copious' means abundant, plentiful, extensive, lavish etc.
7. **(b)** The word 'impervious' means untouched, resistant, unaffected, unvulnerable etc.
8. **(c)** Absurd is meaningless/irrational/incongruous /out of place. Proper opposite is Sensible. (a) And (b) are not right. Ridiculous can be synonym but the antonym.
9. **(d)** Hazardous is harmful/perilous/marked by danger/risky; opposite for it is 'safe'. Other options are not confusing so it is easy to answer.

10. **(a)** Severed means detached cut off. The word joined means attached which shows clearly that it could be the opposite of severed. The word included means built-in or integrated. Detached has the same meaning as severed. Disrupt means upset or interrupt. Thus, the answer is option (a) joined.
11. **(b)** 'I shall have been working in this college' is the right construction.
12. **(d)** No error
13. **(d)** 'A bird in the hand is worth two in the bush' is the correct phrase.
14. **(c)** A stowaway is a person who secretly boards a ship or vehicle to travel free.
15. **(a)**
16. **(b)** is it
17. **(b)** wouldn't he

**18.** **(a)** can't she

**19.** **(c)** Unless the conjunction is correctly used here for saying that if something does not happen, something else will happen.

**20.** **(d)** Correct use of type 3 conditional.

**21.** **(c)** $x = 6Q + y$

$y^2 = 4Q^1 + z$

The value of $z$ may be 1, 2 or 3.

The value of $y$ may be 1, 3, or 5 as if 2 or 4 be the value, $y^2$ will be exactly divisible by 4.

Now,

If y = 1 $\Rightarrow$ y² = 1, remainder z = 1

If y = 3 $\Rightarrow$ y² = 9, remainder z = 1

If y = 5 $\Rightarrow$ y² = 25, remainder z = 1

$\therefore$   $z = 1$

**22.** **(a)** Relative speed = $(60 + 48) \times \dfrac{5}{18} = 30$ m/sec.

$\therefore$   Time taken = $\dfrac{240 + 270}{30} = \dfrac{510}{30}$

= 17 seconds

**23.** **(c)**
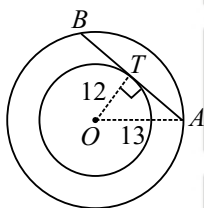


Line *BTA* is the tangent to the smaller

*OT* will make $\perp$ on line *AB*

Then in right angle $\Delta$ *OTA*

$(AT) = \sqrt{(13)^2 - (12)^2} = \sqrt{25}$

$AT = 5 \Rightarrow AB = 2 \times (AT) = 10$ cm

**24.** **(d)** The ratio of capital invested by each partner i.e. Sunetra and Nikhil for 1 month in order to get the same profit is:

= 36 × 50000 : 30 × 80000 = 3 : 4

$\therefore$   Share of Sunetra out of ₹ 24500

= ₹ $\dfrac{3}{7} \times 24500$ = ₹ 10,500

**25.** **(c)** Let the total no. of students = 100

According to question

20 × 80 + 25 × 31 + 55 × $x$ = 52 × 100

1600 + 775 + 55$x$ = 5200
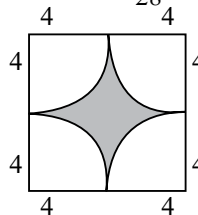
55$x$ = 5200 – 1600 – 775

55$x$ = 2825

$x$ = 51.4

**26.** **(d)** Number of votes cast = $x$ (let)

$\therefore$   $(64 - 36)\%$ of $x = 980 \Rightarrow \dfrac{x \times 28}{100} = 980$

$\Rightarrow$   $x = \dfrac{980 \times 100}{28} = 3500$

**27.** **(b)**



Area of shaded portion

$= 8 \times 8 - 4 \times \dfrac{\pi}{4} \times 4^2$

$= 64 - 16\pi = 16(4 - \pi) \text{cm}^2$

**28.** **(a)** Let the original fraction be $\dfrac{x}{y}$.

According to the question,

$\dfrac{x \times \dfrac{300}{100}}{y \times \dfrac{220}{100}} = \dfrac{4}{11}$

$\Rightarrow \dfrac{\dfrac{30x}{22y}}{} = \dfrac{4}{11}$

$\Rightarrow \dfrac{x}{y} = \dfrac{4}{11} \times \dfrac{22}{30} = \dfrac{4}{15}$

**29.** **(a)** Interest on ₹ 1 in 4 years = ₹ 0.4

$\therefore$   Interest on ₹ 100 in 4 years = ₹ 40

$\therefore$   Interest on ₹ 100 in 1 year = ₹ 10

Hence, Rate = 10%

$\therefore$   $\text{Interest} = \dfrac{\text{Principal} \times \text{Time} \times \text{Rate}}{100}$

$= \dfrac{450 \times 2 \times 10}{100} = ₹ 90$

**30.** **(b)** CP of DVD player $= SP\left[\dfrac{100}{100 + \text{Profit\%}}\right]$

$= 10980 \times \dfrac{100}{122} = ₹ 9000$

**31.** **(c)** Let the speed of car be x and other be y

Distance covered from A in 5 hrs = 5x

Distance covered from B in 5 hrs = 5y

ATQ

when they travel in same direction

then 5x – 5y = 100

x – y = 20                    ...(i)

When they travel towards each other

then ATQ

x + y = 100                    ...(ii)
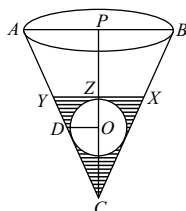
Now, adding eqn. (i), & (ii)

2x = 120

x = 60 km/hr

**32.** **(a)** $\triangle ABC$ is a equilateral triangle

∴   ∠ACB = 60°

&   ∠BCP = 30°

In, ∆CDO, ∠CDO = 90°

(Angle between radius

   and tangent)

OD = 1 cm (radius of spherical ball)

and ∠OCD = 30°

∴  OC = OD/ sin (30°) = 2(1) = 2 cm

Then, CZ = OC + OZ

       = 2 + 1 = 3 cm

In ∆CZY, ∠CZY = 90°, CZ = 3 cm and

∠YCZ = 30°

$YZ = (CZ)\tan 30° = 3 \times \dfrac{1}{\sqrt{3}} = \sqrt{3}$ cm

Now, in cone XYC

$r = YZ = \sqrt{3}$ cm

h = CZ = 3 cm

Vol. of cone $= \dfrac{1}{3}\pi r^2 h = \dfrac{1}{3}\pi (\sqrt{3})^2 (3)$

$= 3\pi$ cm³

Vol. of sphere $= \dfrac{4}{3}\pi r^3$

$= \dfrac{4}{3}\pi$ cm³     ( ∵ r = 1 cm)

Vol. of water that can immerse the ball

$= \left(3\pi - \dfrac{4\pi}{3}\right)$cm³ $= \dfrac{5\pi}{3}$cm³

**33.** **(b)** $20\% = \dfrac{1}{5} \rightarrow$ Impurity $, 5\% = \dfrac{1}{20}$
$\rightarrow$ Mixture

Impurity     Pure glycerine

  1      :      4  ⎞ + 15 units
  1      :     19  ⎠

According to the question,

(1 + 4) units        = 50 litres

1 unit               = 10 litres
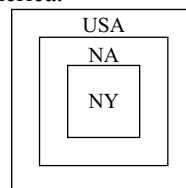
15 units = 10 × 15   = 150 litres

Required quantity of glycerine = 150 litres

**34.** **(a)**
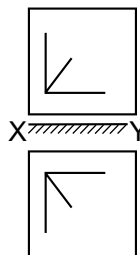


**35.** **(a)** New York is a city of North America. North America comes under United States of America.



**36.** **(a)** The river Chenab was known in the Vedic period as Chandrabhaga also Ashkini or Iskmati and as Acesines to the Ancient Greeks.

The modern name of Vedic rivers, Parushni, Shutudri and Vitasta are Ravi, Satluj and Jhelum respectively.

**37.** **(a)** Lord Buddha attained Mahaparinirvana at Kushinagar, the mortal remains of Tathagat were kept in the 'parliament house', of the Republic of Mallas.

**38.** **(b)**

**39.** **(b)** Ibn Battuta has given a detailed account of the postal system during the Sultanate period.

**40.** **(a)** Agriculture was looked after by the department of Diwan-i-kohi under Muhammad Tughlaq.

**41.** **(a)** The land which directly yielded revenue to the Sultan was known as Khalisa.

**42.** **(b)** Dada bhai naoroji wrote the book poverty and unbritish rule in india. DadabhaiNaoroji known as the Grand Old Man of India, was a Parsi intellectual, educator, cotton trader, and an early Indian political and social leader.

**43.** **(d)** On 22$^{nd}$ March 1936, Bihar and Odisha were made into separate provinces after the Government Of India 1935. It was once a part of Bengal Presidency the largest British province in India to exist at that time.

**44.** **(b)** Raj Kumar Shukla was instrumental in inviting Gandhiji to Champaran village in Bihar and this struggle was a turning point in India's fight for independence.

**45.** **(c)** After independence in 1956 Indian states were reorganized on linguistic basis. In August 1956, Parliament enacted the States Reorganisation Act, which called for states to be redrawn along linguistic lines by November 1 of that year.

**46.** **(d)** The name of Birsa Munda (1875-1900) is cherished in India as one of the great freedom fighters.Birsa Movement was led by Birsa Munda in areas of modern Bihar and Jharkhand. He was arrested on 3 March 1900 in Jamkopai forest, Chakradharpur, while he was sleeping.

**47.** **(d)** Madam BhikhajiRustamCama is regarded as "The Mother of Indian Revolution". On August 21, 1907, an International Socialist Conference was being held at Stuttgart, a city in Germany. Bhikaji Rustom Cama unfurled the first version of the Indian national flag—a tricolour of green, saffron, and red stripes.

**48.** **(d)** All the above journals were related to revolutionary activities.

**49.** **(a)** First Indian elected to the British House of Commons was DadabhaiNaoroji who contested on the ticket of Liberal Party. Elected for the Liberal Party in Finsbury Central at the 1892 general election, he was the first British Indian MP.

**50.** **(a)** The Chittagong Armoury Raid had been planned by Surya Sen. Surya Sen was an Indian revolutionary. Surya Sen is noted for leading the 1930 Chittagong armoury raid in Chittagong in British India.

**51.** **(d)** The proposal for framing of the constitution of India by an elected constituent assembly was made by British cabinet delegation.

**52.** **(a)** The Constitution of India was drafted by the constituent assembly and it was set up under the cabinet Mission plan on 16 May 1946. Dr. Rajendra Prasad then became the President of the Constituent Assembly.

Tiruvellore Thattai Krishnamachari was a member of drafting committee. Harendra Coomar Mookerjee was the Vice-president of the Constituent Assembly of India for drafting the Constitution of India. Bhimrao Ambedkar was appointed Chairman of the Constitution Drafting Committee.

**53.** **(b)** Any articles can be amended under Article 368 which means the amendment challenged on the grounds of fact. The Supreme Court recognized interpretation is the basic structure of constitution.

**54.** **(b)** The Finance Commission was established by the President of India under the Article 280 of the Indian Constitution. Article 315 of the Indian Constitution deals with the establishment of the Union Public Service Commission. Article 324 of the Indian Constitution encompasses the establishment of the election commission. Article 148 of the Indian Constitution enumerates the appointment and oath/affirmation process of the comptroller and auditor-general of India.

**55.** **(d)**

**56.** **(c)** Freedom of strike is not guaranteed by the constitution among six fundamental rights.

**57.** **(c)**

**58.** **(b)** Deflation may be caused by a combination of the supply and demand for goods and the supply and demand for money, specifically the supply of money going down and the supply of goods going up.

**59.** **(b)** In order to curb inflation if CRR is increased, then it may take liquidity from markets as banks will have to deposit more money with RBI. Moreover inflation may also be curbed by Permitting Central/State agencies to import duty free pulses and sugar. However, Decreasing SLR will leave more money with banks to give loans, which in turn will lead to inflation.

**60.** **(b)** The first phase of liberalization was initiated in India under the regime of P.V.Narsimha Rao as a PM and Manmohan Singh as Finance Minister in 1991.

**61.** **(b)** Bihar economic survey for the first time was published in the year 2006-07.

**62.** **(d)** Agricultural income tax is levied on the income from Agriculture. At present agriculture is subjected to – two direct taxes and they are agricultural Income

tax and Land Tax. They are levied by the state governments. Not all states levy agricultural income tax.

**63. (b)** The Government of India earns maximum revenue from Union Excise Duty which is indirect tax levied and collected on the goods manufactured in India and consumed within the country.

**Custom Duty :** It is a variation of Indirect tax and is applicable on all goods imported and a few Goods exported out of the country.

**Corporation tax :** It is a direct tax imposed by jurisdiction on the income or capital of Income.

**64. (b)** A person having the debentures is called debenture holder whereas a person holding the shares is called shareholder. A shareholder subscribes to the shares of a company. Shares are the parts of share capital. On the other hand, debenture-holders are the subscribers to debentures. Debentures are part of loan. A shareholder or member is the joint owner of a company; but a debenture holder is only a creditor of the company.

**65. (d)** S & P 500 relates to an index of stocks of large companies. It stands for Standard & Poor's 500 index and is an indicator of the equities of the United States and one of the most common benchmarks for its stock market.

**66. (c) 67. (a) 68. (b) 69. (b) 70. (b)**
**71. (b) 72. (b)**

**73. (c)** The Vyas Samman is a literary award which was first awarded in 1991. It is awarded annually by the K.K. Birla Foundation and includes a cash of ₹ 250,000 (as of 2005). To be eligible for the award, the literary work must be in the Hindi language and has been published in the past 10 years.

**74. (b)** When ice melts, density increases so volume decreases. That is why, ice floats on water.

Mass = volume × density

**75. (c)** Heat given/taken by the substance is equal to the latent heat of fusion or vaporization of the substance. That is why the temperature of the substance remains the same during the change of state.

**76. (b)** Diamonds have a very high refractive index (about 2.42 compared to about 1.5

for glass). The amount of light reflected at an air/other material interface is related to the refractive index charge at the interface and the bigger the refractive index change, the more light is reflected. Thus, diamond reflects large amount of light and therefore, sparkles more.

**77. (c)** Carbon dioxide is responsible for swelling of bread.

**78. (a)** Graphite is an allotrope of carbon. Hence this is an element not mixture. Graphite is an allotropic form of element carbon. Glass is a mixture made up mostly of silica $(SiO_2)$ and other additives. Brass is an alloy obtained by mixing metals copper (Cu) and (Zn). Steel is also an alloy obtained by using iron (Fe) and other elements like Carbon (c), Manganese (Mn), Chromium (Cr), etc.

**79. (c)**

**80. (c)** Inner bark of a woody plant is phloem & function of phloem is to transport food from the leaves to the other parts of the plant. Xylem is another transporting duct of plant that transport minerals & water from the roots to the leaves.

**81. (c)** In order to survive the body must maintain the proper acid/alkaline balance is pH has to be maintained. The optimum pH of the blood is alkaline, 7.3-7.4. If blood pH goes beyond 7.4, there is a tendency to develop degenerative conditions.

**82. (a)** Starfish are echinoderms belonging to the class Asteroidea. All are marine with organ-system level of organization.

**83. (d)** Na-24 is used as a radionuclide which is injected into the human bloodstream to detect any clots. The half-life of Na-24 is 15.6 hrs.

Arsenic 74 is mainly used to diagnose brain cancer, Cobalt-60 therapy is also known as Gamma Knife therapy. I 131 is a radioactive isoptope mainly used in nuclear fission.

**84. (c) 85. (c) 86. (c) 87. (b) 88. (c)**
**89. (b) 90. (a) 91. (c) 92. (b) 93. (b)**
**94. (a) 95. (d) 96. (a) 97. (b) 98. (a)**
**99. (a) 100. (c) 101. (d) 102. (a)**

**103. (d)** **WESO** is a flagship report published by the ILO. This report provides an overview of global and regional trends in employment, unemployment, labour

force participation and productivity, as well as dimensions of job quality such as employment status, informal employment and working poverty. It also examines income and social developments, and provides an indicator of social unrest. Hence option (d) is correct.

**104. (b)** 1st April, 1949

**105. (a)**

**106. (d)** Meeting in the cabin of the office can't be termed as Sexual harassment because it is part of official work. These activities come under Sexual Harassment:-
**(i)** Improper Physical touch
**(ii)** A demand or request for a sexual favour
**(iii)** Sexually coloured remarks
**(iv)** Showing pornography
**(v)** Lewd comment
**(vi)** Any other unwelcome physical verbal or non-verbal behaviour of sexual nature.

**107. (b)** Article 19(1)(c) of the Indian Constitution gives everyone the right "to form associations or unions". The Trade Unions Act 1926, amended in 2001, contains rules on governance and general rights of trade unions.

**108. (a)** Article 24 of the constitution, prohibits child labour under 14 years old in a factory, mine or "any other hazardous employment". The original child labour act banned the employment of children below 14 years of age in only 18 hazardous industries. Now Children below 14 years can work only in family enterprises or the entertainment industry.

**109. (d)** The Employees Provident Fund (EPF) is the main scheme under the Employees' Provident Funds and Miscellaneous Provisions Act, 1952. The scheme is managed by the Employees Provident Fund Organisation (EPFO). It covers every office which has 20 or more employees.

**110. (c)**     **111.     (b)**

**112. (b)** The International Day for the Abolition of Slavery, 2 December, marks the date of the adoption, by the General Assembly, of the United Nations Convention for the Suppression of the Traffic in Persons and of the Exploitation of the Prostitution of Others. **Hence option (b) is correct**.

**113. (d)** A person who has completed 18 years of age

**114. (a)**

**115. (a)** Bonded Labour System (Abolition) Act was passed in 1976,Child Labour (Prohibition and Abolition) Act was passed in 1986, and Article 24 of the Indian Constitution prohibits child labour.

**116. (d)**

**117. (c)** Labour Identification Number (LIN) is a unique identification number issued to employers to simplifying business regulations and bringing in transparency and accountability in labor inspections by various agencies and bodies under the administrative control of Labour Ministry.

**118. (c)** The fifth meeting of the Economic Advisory Council of the Fifteenth Finance Commission(XVFC) was held in New Delhi on 16 December 2019. The meeting included discussions related to GST stabilization and the ways to improve tax collection for additional resource mobilization.

**119. (b)** Ministry of Micro, Small and Medium Enterprises reported that Micro, Small and Medium Enterprises sector has contributed over 29% of Gross domestic Product (GDP) and over 49% of Indian exports. The report was submitted by the Union MSME Minister Nitin Gadkari. The Indian government has taken many initiatives to enhance the competitiveness of MSMEs.

**120. (b)** Chinese major Xiaomi on December 3 formally launched its lending platform Mi Credit in India, wherein individuals can avail up to ₹1 lakh loan, and plans to introduce more financial products. Till now, the company has been operating Mi Credit platform on a pilot basis. Last year, it had announced to offer loans of up to ₹ 1 lakh in partnership with KreditBee. The current lending partners for Mi Credit are primarily NBFCs of fintechs such as Aditya Birla Finance Ltd. Money View, Early Salary, Zestmoney and Credit Vidya.