

**Assistant Loco Pilot - PREVIOUS PAPER  
(RRB Ahmadabad)**

1. **Mahatma Gandhi began his Dandi March in \_\_\_\_**
  - 1) March, 1920
  - 2) April, 1940
  - 3) March, 1930
  - 4) August 1942
  
2. **The famous slogan 'No taxation without representation' has been taken from:**
  - 1) French Revolution
  - 2) British Civil war
  - 3) Indian National Movement
  - 4) American war of independence
  
3. **Who amongst the following is known as the *Father of the Russian Revolution*?**
  - 1) Karenski
  - 2) Trotsky
  - 3) Kari Marx
  - 4) Lenin
  
4. **Fuse wire is made of \_\_\_\_**
  - 1) 63% Tin and 37% Lead
  - 2) 63% Lead and 37% Tin
  - 3) 63% Tin and 37% Aluminium
  - 4) 63% Lead and 37% Aluminium
  
5. **In India the frequency of A.C. mains is \_\_\_\_**
  - 1) 50 c/s
  - 2) 60 c/s
  - 3) 100 c/s
  - 4) 220 c/s
  
6. **Which amongst the following is an example of chemical change?**
  - 1) Evaporation of Sea water
  - 2) Melting of ice

3) Burning of Magnesium wire in air 4) Reduction of Iodine

7. In which session, did Congress declare 'Purna Swaraj' as, its goal \_\_

- 1) Lahore session, 1929                      2) Nagpur session, 1920  
3) Allahabad session, 1942                4) Wardha session, 1942

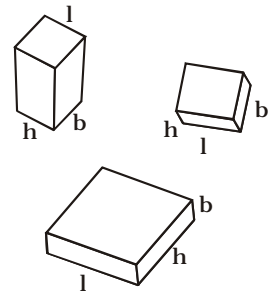
8. The period of Harappa Civilisation was

- 1) 3500 - 2000 BC                            2) 2500 - 1750 BC  
3) 3000 - 1000 BC                            4) 1600 - 1200 BC

9. During whose regime was the capital of India transferred from Kolkata to Delhi?

- 1) Lord Minto                                    2) Lord Irwin  
3) Lord Curzon                                 4) Lord Harding

10. In the figure given below, a brick has been placed in three different positions on sand. Which one statement is true in this context amongst the following?



- 1) Position I represents the maximum pressure  
2) Position II represents II represents the maximum pressure  
3) Position III represents the maximum pressure  
4) In all three positions same pressure will be represented

11. In India, the 5 yearly plans were begun in context of which of the following situations:

- 1) Mixed Economy                            2) Socialist Economy  
3) Capitalist Economy                        4) Stagnant Economy

**12. Community Development Programme is a comprehensive Development of:**

- 1) Scheduled Castes and Scheduled Tribes
- 2) Weaker Sections
- 3) Rural areas
- 4) Those families living below the poverty line

**13. Who was the first and the last Indian Governor General?**

- 1) Dr. Rajendra Prasad
- 2) C. Rajgopalachari
- 3) Pandit Jawaharlal Nehru
- 4) Lord Mountbatten

**14. In which state of India is gold found in abundance?**

- 1) Madhya Pradesh
- 2) Karnataka
- 3) Andhra Pradesh
- 4) Maharashtra

**15. The empirical formulae of Compound 'A' is  $C_3H_4O$ . If its atomic weight is 1702, then what will be its atomic formula?**

- 1)  $C_8H_{12}O_4$
- 2)  $C_9H_{12}O_3$
- 3)  $C_9H_{16}O_3$
- 4)  $C_{10}H_{16}O_2$

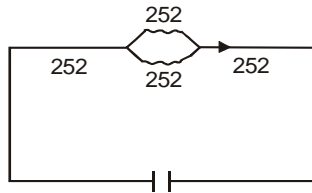
**16. Who amongst the following did not work as Vice-President before becoming the President?**

- 1) Dr. S. Radhakrishnan
- 2) Dr. Zakir Hussain
- 3) Neelam Sanjeev Reddy
- 4) R. Venkataraman

**17. In which year was Panchasheel adopted?**

- 1) 1952 AD
- 2) 1954 AD
- 3) 1956 AD
- 4) 1958 AD

**18. In the following diagram, the resistance of the path shown is:**



- 1) 8 ohm
- 2) 6 ohm
- 3) 5 ohm
- 4) 4 ohm

**19. Which scientist discovered DDT?**

- 1) Dr. Pal Muller
- 2) Dr. Robert coach
- 3) G. Domague
- 4) Harvey

**20. Who is the author of Panchatantra?**

- 1) Veda Vyas
- 2) Manu
- 3) Vishnu Sharma
- 4) Bharata Muni

**21. Who founded the Ram Krishna Mission?**

- 1) Ram Krishna Paramhans
- 2) Annie Besant
- 3) Swami Vivekananda
- 4) Mahadev Govind Ranade

**22. Kathakali, is the dance form of which Indian state?**

- 1) Uttar Pradesh
- 2) Kerala
- 3) Tamilnadu
- 4) Andhra Pradesh

**23. A person is standing on a weighing machine in a moving lift. The weighing machine will show the least reading, when \_\_**

- 1) Going up with a uniform speed
- 2) Coming down with a uniform velocity
- 3) Going up with a uniform velocity
- 4) Freely falling lift

**24. Match List I (Physical quantity) with List II (units) and answer using the codes given below:**

**List I**

**List II**

- |              |                                     |
|--------------|-------------------------------------|
| (A) Energy   | (1) $\text{Kg m sec}^{-1}$          |
| (B) Heat     | (2) $\text{Kg m}^2 \text{Sec}^{-1}$ |
| (C) Momentum | (3) $\text{Newton m}^{-2}$          |
| (D) Pressure | (4) Kilo watt hour                  |

**Code:** (A) (B) (C) (D)

- |    |   |   |   |   |
|----|---|---|---|---|
| 1) | 4 | 5 | 1 | 3 |
| 2) | 4 | 5 | 1 | 2 |
| 3) | 5 | 4 | 1 | 2 |
| 4) | 5 | 4 | 2 | 3 |

**25. After how many years does Hailey comet become visible?**

- |             |                  |
|-------------|------------------|
| 1) 75 years | 2) 76 years      |
| 3) 50 years | 4) None of these |

**26. What is the use of barometer?**

- 1) To measure air pressure
- 2) To determine the relative density
- 3) To measure the depth of ocean
- 4) To measure the height of aero plane

**27. On whose advice does the President of India use his power and authority?**

- 1) Prime Minister
- 2) Cabinet
- 3) Lok Sabha
- 4) Rajya Sabha

**28. Who was the first woman to go in space?**

- 1) Valentina Tereshkova
- 2) Juko Tabel
- 3) Astella peron
- 4) None of these

**29. Two parallel wires carrying electric current in the same direction will attract each other because:**

- 1) There is kinetic difference between them
- 2) There is mutual EMF between them
- 3) There is electrical force between them
- 4) There is magnetic force between them

**30. How many 100 watt bulbs on the supply of 220 volts can be safely used with 5 ampere fuse?**

- 1) 5
- 2) 8
- 3) 11
- 4) 20

**31. Which state in India has the least population?**

- 1) Arunachal Pradesh
- 2) Mizoram
- 3) Sikkim
- 4) Goa

**32. In an oil lamp, there is a whole in the chimney, because:**

- 1) Smoke may come out
- 2) Lamp may glow with brilliance
- 3) Oxygen may be available to the glowing lamp
- 4) Heat due to glowing may continue to go out

**33. Where is the International Court of Justice located?**

- 1) Geneva
- 2) The Hague
- 3) New York
- 4) Rome

**34. Who amongst the following was never associated with the congress party in his political career?**

- 1) Charan Singh
- 2) Chandra Shekhar
- 3) Deve Gowda
- 4) A.B. Vajpayee

**35. When was the first 'No Smoking Day' celebrated?**

- 1) April 7, 1988
- 2) April 7, 1986
- 3) May 8, 1988
- 4) Sept. 1, 1967

**36. Who made a hat trick in the Reliance World Cup cricket?**

- 1) Imran Khan
- 2) Kapil Dev
- 3) Chetan Sharma
- 4) Richard Hadley

**37. Actually, an ordinary machine's efficiency is:**

- 1) Less than 100%
- 2) Equal to 100%
- 3) More than 100%
- 4) Always less than 50%

**38. Consider the following statements:**

**Statement (A):** Due to very little weight of mosquito eggs they float in water.

**Reason (R):** The surface tension of water balances the weight of the eggs.

- 1) Both 'A' and 'R' are correct and 'R' correctly explains 'A'.
- 2) Both 'A' and 'R' are correct but 'R' does not correctly explain 'A'.
- 3) 'A' is correct but 'R' is wrong.
- 4) 'A' is incorrect but 'R' is correct.

**39. Which amongst the following pairs is not correctly matched?**

- |                      |                 |
|----------------------|-----------------|
| 1) Pascal - Pressure | 2) Gass - Light |
| 3) Ampere - Current  | 4) Volt -Watt   |

**40. Amongst the following industries, which one is the most developed one in the public sector?**

- |                   |                   |
|-------------------|-------------------|
| 1) Iron and steel | 2) Sugar          |
| 3) Jute           | 4) Cotton textile |

**41. Where was India's first oil refinery started?**

- |           |            |
|-----------|------------|
| 1) Assam  | 2) Gujarat |
| 3) Mumbai | 4) Chennai |

**42. Which mineral is found in greatest quantity in India amongst the following?**

- |            |             |
|------------|-------------|
| 1) Uranium | 2) Platinum |
| 3) Thorium | 4) Radium   |



**43. On which river is Hirakud Dam located?**

- |              |             |
|--------------|-------------|
| 1) Cauvery   | 2) Godavari |
| 3) Mahanandi | 4) Krishna  |

**44. Which Vitamin helps in the clotting of blood?**

- |              |              |
|--------------|--------------|
| 1) Vitamin K | 2) Vitamin A |
| 3) Vitamin D | 4) Vitamin E |

**45. Which amongst the following is responsible for the green colour of plants?**

- |                   |                  |
|-------------------|------------------|
| 1) Photosynthesis | 2) Chlorophyll   |
| 3) Osmosis        | 4) None of these |

**46. Who got the first Bharat Ratna in India?**

- |                      |                        |
|----------------------|------------------------|
| 1) C. Rajgopalachari | 2) Dr. Radha Krishnan  |
| 3) Dr. C.V. Raman    | 4) Govind Ballabh Pant |

**47. Which colour of light has the maximum wave length?**

- |           |          |
|-----------|----------|
| 1) Yellow | 2) Blue  |
| 3) Red    | 4) Green |

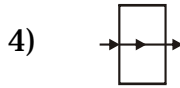
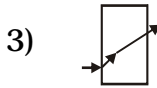
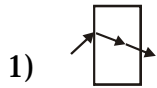
**48. Consider the following.**

- |               |                |
|---------------|----------------|
| (A) $S_1O_2$  | (B) $Na_2CO_3$ |
| (C) $CaCO_3$  | (D) $Fe_2O_3$  |
| 1) A and B    | 2) A, B and D  |
| 3) A, C and B | 4) A, B and C  |

49. The colour of rainbow divides into seven colours due to:

- 1) Reflection      2) Diffraction      3) Refraction      4) Dispersion

50. Which amongst the following figures correctly explains the path of a ray of light through a glass?



51.  $789.345 + 30.075 - 765.21 - 7.86 = ?$

- 1) 46.35      2) 33.1      3) 76.998      4) 108.14

52.  $998981 = ?$

- 1) 961374      2) 1106440      2) 979038      4) 11235

53.  $\frac{12345}{567} = ?$

- 1) 21.7724      2) 59.6078      3) 88.108      4) 12.9105

54.  $(897)^2 = ?$

- 1) 804609      2) 2050624      3) 42849      4) 45321

55.  $\sqrt{732108} = ?$

- 1) 855.633      2) 519.615      3) 961.524      4) 655.338

56.  $(84604519)^{1/3} = ?$

- 1) 439                      2) 629                      3) 523                      4) 747

57. Which is the smallest 5-digit number which can be completely divided by 98?

- 1) 24,411                      2) 10,057                      3) 99,873                      4) 10,201

58. Which smallest number should be subtracted from 1936 so that on being divided by 9, 10, 15, every time the remainder is 7?

- 1) 93                      2) 46                      3) 76                      4) 39

59. The LCM of two numbers is 2310 and HCF is 30. If one of the numbers is 210, then what is the other number?

- 1) 715                      2) 825                      3) 330                      4) 582

60.  $\frac{125}{100} + \frac{50}{36} + \frac{48}{45} + \frac{3}{2} = ?$

- 1)  $1\frac{11}{12}$                       2)  $5\frac{37}{180}$                       3)  $4\frac{9}{94}$                       4)  $3\frac{73}{90}$

61. If  $x + y = 3$ ,  $xy = 2$ , then  $x^3 - y^3 = ?$

- 1) 7                      2) 9                      3) 3                      4) 14

62. If 8 men can sow 80 hectares in 24 days, then how many hectares can 36 men sow in 30 days?

- 1) 450                      2) 360                      3) 610                      4) 530

**63. In a 30 litre mixture of milk and water, the ratio of milk and water is 7: 3. How much water should be added in the mixture so that the ratio of milk and water becomes 3: 7?**

- 1) 5                      2) 12                      3) 28                      4) 40

**64. The population of a town increases from 60,000 to 65,000 then the percentage of increase is?**

- 1)  $8\frac{1}{3}\%$                       2)  $7\frac{2}{5}\%$                       3)  $3\frac{1}{8}\%$                       4)  $11\frac{1}{9}\%$

**65. The average marks obtained by 120 students in an exam is 35. If the average marks obtained by successful students is 39 and the average marks obtained by unsuccessful students is 15. Then what is the number of successful students?**

- 1) 80                      2) 110                      3) 100                      4) 90

**66. A train travels from A to B at the speed of 20 km. /hr. and from B to A at the speed of 30 km. /hr. Then what is the average speed of train in km. /hr.?**

- 1) 24 kmph                      2) 42 kmph                      3) 34 kmph                      4) 48 kmph

**67. After 5 years, fathers' age will be three times the age of son. Five years earlier father's age was 7 times the age of son at that time. What are the present ages of the father and the son?**

- 1) 45 years, 9 years                      2) 40 years, 10 years  
3) 32 years, 8 years                      4) 35 years, 7 years

**68. There is a loss of 12 percent on an article being sold for Rs. 352.88, then the cost price of the article is....**

- 1) Rs. 390                      2) Rs. 418                      3) Rs. 401                      4) Rs. 431

**69. A sum of money becomes Rs. 756 in two years and Rs. 873 in 3.5 years. The annual rate of simple interest is:**

- 1) 13%                      2) 11%                      3) 17%                      4) 19%

**70. Rs. 7500 has been borrowed at 4% annual compound rate of interest. How much money will have to be returned after two years?**

- 1) Rs. 8112                      2) Rs. 9472                      3) Rs. 6856                      4) Rs. 9281

**71. A and B can together do a work in 6 days. A can do it alone in 9 days. In how many days can B do it alone?**

- 1) 21 days                      2) 24 days                      3) 18 days                      4) 14 days

**72. A can do a work in 6 days and B can do it in 5 days. The contract for the work is Rs. 220. If A and B work together then how much money should B get?**

- 1) Rs. 80                      2) Rs. 120                      3) Rs. 140                      4) Rs. 90

**73. When two pipes work together, then a tank can be filled in 12 hours. One pipe fills the tank comparatively 10 hours faster than the other pipe. How much time will the pipe which is faster take to fill the tank?**

- 1) 22 hrs.                      2) 26 hrs.                      3) 30 hrs.                      4) 20 hrs.

**74. A boy goes from home to school at the rate of 3 km. /hr. and come back from school to home at the speed of 2 km. /hr. If he takes five hours in coming and going then what is the distance between home and school?**

- 1) 8 km.                      2) 6 km.                      3) 9 km.                      4) 5 km.

**75. Two pipes can fill a tank in 10 minutes and 30 minutes respectively and third pipe can empty the full tank in 20minutes if all the three pipes are opened simultaneously the will be filled in?**

- 1) 10 minutes                      2) 8 minutes                      3) 7 minutes                      4) None of these

**76. A train 110 metres long is travelling at the speed of 60 kmph. How long will it take to cross a man walking in the direction opposite to the train, at the speed of 6 kmph?**

- 1) 3 seconds                      2) 6 seconds                      3) 9 seconds                      4) 12 seconds

**77. A man rows a boat at the speed of 6 km. /hr. in still water. When the river flows with the speed 1.2 km. /hr. then it takes 1 hour for the man to row from one place to another. How far is that place?**

- 1) 1.44 km.                      2) 2.88 km.                      3) 3.18 km.                      4) 4.81 km.

**78. A hall is 39 metres 10 cm. long and 35 metres 70 cm. wide in which square tiles of regular size is to be fitted. What is the greatest length of the square tile which can be fitted in the room?**

- 1) 1.70 metres, 483 cm.                      2) 1.85 metres, 472 cm.  
3) 1.67 metres, 510 cm.                      4) None of these

**79. Find out the area of a triangle whose sides are 50 m., 78 m., and 112 m.?**

- 1) 112 sqm                      2) 119 sqm                      3) 1680 sqm                      4) 224 sqm

**80. If the length of a rectangle is reduced by 20%, then by what percent should its width be increased so that the area does not increase?**

- 1) 15%                              2) 25%                              3) 35%                              4) 38%

**Directions (81-86): Fill in the blank space ---**

**81. 4, 16, 256...**

- 1) 1304                              2) 1144                              3) 1216                              4) 1024

**82. 5, 10, 12, 24, 26....**

- 1) 54                                  2) 52                                  3) 50                                  4) 48

**83. 1, 2 ... 10, 17, 26**

- 1) 2                                      2) 4                                      3) 3                                      4) 5

**84. 35, 24, 15, 8.....**

- 1) 2                                      2) 6                                      3) 3                                      4) 5

**85. 240..... 120, 40, 10, 2**

- 1) 150                                  2) 130                                  3) 210                                  4) 240

**86. 1, 6 ... 120, 350, 720**

- 1) 10                                      2) 30                                      3) 60                                      4) 90

**87. 6 days from today, it will be 20th of the month, then what was the date/day before yesterday?**

- 1) 11th                      2) 12th                      3) 13<sup>th</sup>                      4) 14th

**88. If by reducing 7 from a number, we get square of 9, then what will smallest number?**

- 1) 83                      2) 84                      3) 98                      4) 88

**89. If in a code language SYSTEM is written as SYSMET and NEARER is written as AENRER, then how will FRACTION is written?**

- 1) ACRFTION                      2) NOITCARF                      3) CARFNOIT                      4) TIONCARF

**90. If in a code language FHQK means GIRL, then what will be the meaning of RNES?**

- 1) SOFT                      2) PAST                      3) MOST                      4) HOST

**Directions (91-100): Given below are four words for each question, only one of which is correctly spelt. Choose the correct one.**

91. 1) Fourty                      2) Forty                      3) Fotty                      4) Forti  
92. 1) Gramar                      2) Grammar                      3) Grammor                      4) Gramer  
93. 1) Dantel                      2) Dantal                      3) Dental                      4) Dentel  
94. 1) Dactor                      2) Docter                      3) Doctor                      4) Doctere  
95. 1) Suspense                      2) Suspanse                      3) Sucpance                      4) Suspence  
96. 1) Admisible                      2) Admisibel                      3) Admissible                      4) Admissibal  
97. 1) Cassle                      2) Castal                      3) Castle                      4) Castole  
98. 1) Comittee                      2) Committee                      3) Comittey                      4) Committee



99. 1) Occassion                      2) Ocassion                      3) Occasion                      4) Ocasion  
100. 1) Casete                      2) Cassete                      3) Cassette                      4) Casette

**Directions (101-105): In the following questions choose correct answer for the blank space.**

**101. .... is Smt. Bhatnagar? She is a teacher.**

- 1) Who                      2) What                      3) Where                      4) Why

**102. Authority ..... when it is not supported by the moral purity of its user.**

- 1) Empowers                      2) Crumbles                      3) Prevails                      4) Waits

**103. .... learning does not help the mental growth of a student.**

- 1) Guided                      2) Fast                      3) Assisted                      4) Role

**104. In spite of his best efforts, he could achieve..... success.**

- 1) A little                      2) Near                      3) Little                      4) Extraordinary

**105. We left the hall before the show..... over.**

- 1) Was                      2) Took                      3) Ended                      4) Went

**Directions (108-110): Each of the following idioms is followed by four meanings, indicate which is correct.**

**106. To put two and two together**

- 1) To bear the brunt of                      2) To conclude from obvious fact  
3) To put off                      4) To put on a false appearance

**107. To wash dirty linen in public**

- 1) To quarrel openly
- 2) To clean solid linen
- 3) To talk personal matters in public
- 4) To wash dirty clothes

**108. To read between the lines**

- 1) To suspect
- 2) To read carefully
- 3) To understand the hidden meaning of the word
- 4) To do useless things

**109. To face the music**

- 1) To prepare to give a music performance
- 2) To suffer evil consequences
- 3) To suffer hardship
- 4) To change the things

**110. To leave no stone unturned**

- 1) To keep clean and tidy
- 2) To try utmost
- 3) To work enthusiastically
- 4) To change the things

**Directions (111-115): In the following questions, choose the word nearest in meaning to the given word.**

**111. Worth**

- 1) Merit                      2) Fright                      3) Anger                      4) Pity

**112. Touchstone**

- 1) Kill                      2) Criterion                      3) Precious                      4) Roll

**113. Traduce**

- 1) Trade                      2) Defame                      3) Dance                      4) Dunce

**114. Trail**

- 1) Drag                      2) Defame                      3) Dance                      4) Die

**115. Swath**

- 1) Envelope                      2) Gallant                      3) Blanket                      4) Wholesale

**Directions (116-120): In the following questions, choose the word or phrase which is opposite in meaning to given word.**

**116. Cryptic**

- 1) Tomblike                      2) Secret                      3) Famous                      4) Candid

**117. Cloudy**

- 1) Shadowy                      2) Murky                      3) Ominous                      4) Restrain

**118. Curb**

- 1) Encourage                      2) Discourage                      3) Repress                      4) Restrain

**119. Curtail**

- 1) Shortened                      2) Enlarged                      3) Robust                      4) Active

**120. Confess**

- 1) Grant                      2) Conceal                      3) Concede                      4) Acknowledge

**Key**

1. 3	38.1	75.4	112.2
2. 4	39.2	76.2	113.2
3. 4	40.1	77.2	114.1
4. 1	41.1	78.1	115.1
5. 1	42.3	79.3	116.4
6. 3	43.3	80.2	
7. 1	44.1	81.4	117.4
8. 2	45.2	82.2	
9. 4	46.1	83.4	118.1
10.1	47.3	84.3	
11.2	48.4	85.4	119.2
12.3	49.4	86.2	
13.2	50.4	87.2	120.2
14.2	51.1	88.4	
15.2	52.3	89.3	
16.3	53.1	90.1	
17.2	54.1	91.2	
18.3	55.1	92.2	
19.1	56.1	93.3	
20.3	57.2	94.3	
21.3	58.4	95.1	
22.2	59.3	96.3	
23.4	60.2	97.3	
24.4	61.1	98.2	
25.2	62.1	99.3	
26.1	63.4	100.3	
27.2	64.1	101.2	
28.1	65.3	102.2	
29.4	66.1	103.3	
30.3	67.2	104.3	
31.3	68.3	105.1	
32.3	69.1	106.2	
33.2	70.1	107.3	
34.4	71.3	108.3	
35.2	72.2	109.2	
36.3	73.3	110.2	
37.1	74.2	111.1	