



**(Mock Test) RRB Assistant Loco Pilot and Technician Exam
(Test -2)**

1. The Suez Canal joins Red Sea with?

- a) Black Sea
- b) Caspian Sea
- c) Mediterranean Sea
- d) Arabian Sea

2. Mahatma Gandhi was born at?

- a) Baroda
- b) Sabarmati
- c) Rajkot
- d) Wardha

3. Which of the following is a Karif Crop in our country?

- a) Wheat
- b) Maize
- c) Barely
- d) Opium

4. Pankaj Advani's name is associated with?

- a) Billiards
- b) Chess
- c) Police Service
- d) Politics

5. The term “Middle Path” associated with?

- a) Jainism
- b) Buddhism
- c) Hinduism
- d) None

6. Which of the following is the oldest Dynasty?

- a) Chalukyas
- b) Cholas
- c) Pallavas
- d) Satavahanas

7. The founder of all Indian National Congress?

- a) A.O. Hume
- b) Nehru
- c) Gandhi
- d) Tilak

8. Which Veda contains sacrificial formulae?

- a) Rigveda
- b) Samaveda
- c) Yajurveda
- d) None

9. Which was the main port city of Harappa Civilisation?

- a) Harappa
- b) Mohenjodaro
- c) Lothal
- d) None

10. The oldest Veda is?

- a) Rigveda
- b) Samaveda
- c) Yajurveda
- d) None

11. At which place did Buddha die?

- a) Kusinagara
- b) Sarnath
- c) Kundagrama
- d) None

12. The Buddhists literature was written in?

- a) Sanskrit
- b) Pali
- c) Hindi
- d) None

13. Where is the Meenakshi temple situated?

- a) Karnataka
- b) Madurai
- c) Maharashtra
- d) None

14. The Book titled 'Lilavati' is related to?

- a) History
- b) Polity
- c) Administration
- d) Mathematics

15. Where was the Capital of Shivaji situated?

- a) Sasaram
- b) Rajgarh
- c) Raigarh
- d) None

16. Who built the Grand Trunk Road?

- a) Ashoka
- b) Chandragupta
- c) Shershah
- d) Humayun

17. "Gidda" is the famous folk dance of?

- a) Punjab
- b) Karnataka
- c) Maharashtra
- d) None

18. Gandhara Art flourished under?

- a) Gupta
- b) Kushana
- c) Bactrians
- d) None

19. How many strings are there on a Sarod?

- a) 19

- b) 15
- c) 20
- d) 25

20. How many “Mahajanapadas” in Ancient Indian History?

- a) 13
- b) 14
- c) 15
- d) 16

21. Which of the following is the currency of Bahrain?

- a) Peso
- b) Dinar
- c) Riyal
- d) Bahat

22. Common wealth games 2014 will be organised in?

- a) London
- b) New Delhi
- c) Glasgow
- d) Toronto

23. Deepika Kumari’s name associated with?

- a) Swimming
- b) Archery
- c) Billiards
- d) Cricket

24. Which of the following terms not associated with Banking (or) Finance?

- a) SLR
- b) LBW
- c) Credit
- d) Repo rate

25. Which of the following cups/trophies is associated with the game of cricket?

- a) Ranji Trophy
- b) Davis cup
- c) Thomas cup
- d) Nehru trophy

26. How many members are nominated by the president of India to the Rajya Sabha?

- a) 5
- b) 6

- c) 8
- d) None

27. Members of the Lok Sabha are elected for a period of?

- a) 4 years
- b) 5 years
- c) 6 years
- d) 7 years

28. Complete the following series A D G J M P S V ____

- a) B
- b) C
- c) Y
- d) X

29. Complete the series 7, 10, 8, 11, 9, 12, ____, ____.

- a) 12, 15
- b) 13, 14
- c) 7, 11
- d) 10, 13

30. Find odd man out?

- 1) Eye
- 2) Nose
- 3) Ear
- 4) Brain

- a) 1
- b) 2
- c) 3
- d) 4

31. Find odd man out?

1) 27 2) 64 3) 8 4) 9

- a) 1
- b) 2
- c) 3
- d) 4

32. VAB: UCD:: TEF : ____?

- a) RIJ
- b) SKL
- b) SIJ

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d) SGH

33. Put in meaningful order?

- 1) Arrest
- 2) Theft
- 3) Punishment
- 4) Judgment
- 5) Court

- a) 2, 1, 5, 4, 3
- b) 1, 5, 2, 3, 4
- c) 1, 2, 3, 4, 5
- d) 1, 2, 3, 5, 4

34. Put in meaningful order ?

- 1) Set
- 2) Go
- 3) Ready
- 4) Target
- 5) Start

- a) 2, 3, 1, 4, 5
- b) 1, 4, 3, 2, 5
- c) 4, 3, 2, 1, 5
- d) 3, 5, 1, 2, 4

35. Select the missing number:

8 9 6

6 3 2

5 4 ?

240 108 96

- a) 90
- b) 36
- c) 12
- d) 8

36. The heights of A and B are equal. C is shorter than A, D is shorter than E but taller than B, who is the tallest of all?

- a) E
- b) B
- c) D
- d) C

37. If 'x' means '+', '+' means '÷', '-' means 'x'; '÷' means '-' then $8 \times 7 - 8 + 40 \div 2 = ?$

a) 44

b) $7\frac{2}{5}$

c) 1

d) $8\frac{3}{5}$

38. From the given alternatives select the word which cannot be formed

“SIMULTANEOUS”?

- a) SINGLE
- b) SMILE
- c) STEAL
- d) SILENT

39. “Roshan” starts from house and walks 2 km towards east, turns right and walks 1 km, turns right again and walks 1km. what is the direction from him?

- a) East
- b) West
- c) North
- d) South

40. The ratio of Boys and Girls in a School is 3:2. When 6 more girls join this ratio becomes 6:5. Then the number of boys in the school is?

- a) 42
- b) 36
- c) 24
- d) 30

41. If 35% of x is 735, then 80% of x is?

- a) 1680
- b) 880
- c) 780
- d) 1080

42. A dealer offers successive discounts of 20%, 10% and 5%. A single equivalent discount rate is?

- a) 35%
- b) 31.6%
- c) 22.8%
- d) 30%

43. If the price of oil is increased by 25% what will be the percentage consumption of oil that a house must reduce, expenditure not increases?

- a) 15%
- b) 10%

- c) 20%
- d) 25%

44. Arun bought a second hand music system for Rs. 2000. He spent Rs. 400 on repairing. The selling price of the system if he wants to gain $16\frac{2}{3}$ % is?

- a) Rs. 2800
- b) Rs. 3000
- c) Rs. 2400
- d) Rs. 2600

45. If the ratio of the sides of two equilateral triangles is 1: 2, then the ratio of their areas is?

- a) 4 : 9
- b) 1 : 4
- c) 1 : 2
- d) 2 : 3

46. The angles of a triangle are in the ratio 1: 4: 5, then the triangle is?

- a) Scalene
- b) Right angle
- c) Isosceles
- d) None

47. A person sells 36 oranges per rupees and suffers a loss of 4% find how many oranges should be sold per rupee to gain 8%?

- a) 30
- b) 28
- c) 32
- d) 40

48. The age of Solar System is?

- a) 7.8 billion Years
- b) 3.2 billion Years
- c) 3.8 billion Years
- d) 4.6 billion years

49. Which of the following is the ore of iron?

- a) Hematite
- b) Bauxite
- c) Galena
- d) None

50. Name of river that does not originate in Western Ghats?

- a) Kaveri

- b) Vaigai
- c) Barak
- d) Godavari

51. In which part of the transformer maximum heat is produced?

- a) Core
- b) Oil
- c) Windings
- d) frame

52. The resistance of a 100 watt 230 v lamp is?

- a) 52.0
- b) 529
- c) 2.3
- d) None

53. Core of the transformer is made up of?

- a) Iron
- b) Copper
- c) Low silicon steel
- d) High silicon steel

54. If a 1000 w heater is used for 5 hrs, then the cost of energy Rs.1.50/unit will be?

- a) Rs. 1.50
- b) Rs. 15
- c) Rs. 225
- d) Rs. 7.50

55. Plug gauge is used for?

- a) Checking hole size
- b) Checking Oval size
- c) Taper checking
- d) None

56. The least count of vernier bevel protractor is?

- a) 5 seconds
- b) 1⁰
- c) 5 minutes
- d) 90⁰

57. Surface plates is commonly used for checking?

- a) Surface
- b) Right angle



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- b) Angle
- d) 60° angle

58. A complete turn of not on a bolt is called?

- a) Pitch
- b) Lead
- c) Helix angle
- d) Round

59. Thread angle of Acme thread is?

- a) 60°
- b) 45°
- c) 90°
- d) 29°

60. Why annealing is done?

- a) Soften material
- b) Harden metal
- c) Remove stresses
- c) None

61. The distance between two crests in a thread is named as?

- a) Pitch
- b) Lead
- c) Helix
- d) None

62. The ratio between Force of friction and normal reaction is known as?

- a) Angle of friction
- b) Angle of repose
- c) co-efficient of friction
- d) None

63. The efficiency of a screw Jack independent of?

- a) Load
- b) Helix angle
- c) Angle of friction
- c) None

64. A “Thyristor” is often used in?

- a) Wall clocks
- b) Multi meters

- c) Speed control of motoring
- d) None

65. Which rectifier requires four diodes?

- a) Half wave
- b) Full wave
- c) Full wave Bridge
- d) None

66. Who was the first recipient of Bharat Ratna to be awarded posthumously?

- a) Rajendra Prasad
- b) Indira Gandhi
- c) Lal Bahadur Sastry
- d) Mother Teresa

67. "Right to constitutional remedy" has been mentioned in which article of the constitution?

- a) Article 30
- b) Article 32
- c) Article 35
- d) None

68. The HCF of two numbers is 12 and their LCM is 144. If one of them is 36 the other is?

- a) 36
- b) 48
- c) 52
- d) None

69. The ratio of load lifted to effort applied is termed as?

- a) Efficiency
- b) Velocity ratio
- c) M.A
- d) None of the above

70. If a machine called as Reversible its efficiency?

- a) <50 %
- b) =50%
- c) >50%
- d) 100%

71. Water stored in a "Dam" possesses?

- a) No energy
- b) Electrical energy
- c) Kinetic energy

d) Potential energy

72. Find the area of a square if the sum of the diagonals is 100 cm?

- a) 1000 cm²
- b) 1250 cm²
- c) 5000 cm²
- d) None

73. Work done is measured by?

- a) Mass × Velocity
- b) Mass × Acceleration
- c) Force × Distance
- d) Force × Time

74. Which layer of atmosphere is closest to the earth?

- a) Stratosphere
- b) Troposphere
- c) Mesosphere
- d) Thermosphere

75. Which is the first element in periodic table?

- a) Hydrogen
- b) Oxygen
- c) Neon
- d) Helium

76. One gallon = _____ litres.

- a) 4.5 4
- b) 4.1
- c) 3.54
- d) 8

77. The value of $\sqrt{6+2\sqrt{7+3\sqrt{36}}} =$ _____

- a) 1
- b) 2
- b) 3
- d) 4

78. The difference between compound interest and simple interest on Rs. 200 at 20% per annum for two years is?

- a) Rs. 5
- b) Rs. 6
- c) Rs. 7
- c) Rs. 8

79. Average of "n" even numbers is?

- a) n^2 b) $\frac{(n+1)}{2}$ c) $(n+1)$ d) $(n+2)$

80. If the number $7x394$ is divisible by '11' then the value of 'x' is?

- a) 3
b) 4
c) 5
d) 6

81. Bronze consists of copper and?

- a) Zinc
b) Tin
c) Silicon
d) Phosphorus

82. The Hole provided in the anvil is?

- a) Round
b) Triangle
c) Rectangle
d) Hexagon

83. The voltage less than 250 V is known as?

- a) Low voltage
b) High voltage
b) Extra high voltage
d) Medium voltage

84. Difference between the synchronous speed and the Induction motor speed is called?

- a) Regulation
b) Slip
c) Back lash
d) lag

85. Bench vice size is given by?

- a) length of jaw
b) size of spindle
c) width of jaw
d) weight of vice

86. On 'LATHE' to support heavy rods while turning we use?

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- a) Dead centre
- b) Tail stock
- c) Steady rest
- c) carrier

87. Micrometers have least count of?

- a) 0.02 mm
- b) 0.1 mm
- c) 0.001mm
- d) 0.01 mm

88. Tri square is used to check the job?

- a) Length wise
- b) on 450
- c) Depth wise
- d) on 900

89. Identify the operation that is not normally done on a lathe?

- a) Knurling
- b) Threading
- c) Tapering
- c) Square cutting

90. The refrigerant for ice plant is?

- a) CO₂
- b) Ammonia
- c) Methyl
- c) Water

91. Borax flux is used in?

- a) Soldering
- b) Welding
- c) Brazing
- d) All of the above

92. One ton of refrigerant is?

- a) 200 KJ/min
- b) 211KJ/min
- c) 215 KJ/min
- d) 250 KJ/min

93. Elbow is used to give ____ turn to the pipe?

- a) 450

- b) 300
- c) 1800
- d) 900

94. “Tesla” is the unit of?

- a) Flux
- b) Field strength
- b) Flux density
- d) None

95. “Megger” is an instrument to measure?

- a) Very low resistance
- b) Insulation resistance
- c) Inductance
- d) None

96. Two condensers of capacity 2F and 3F are connected in series and a third condenser of 1F is connected in parallel to them. The resultant capacity will be?

- a) $\frac{11}{5}$ F b) $\frac{5}{11}$ F c) $\frac{5}{6}$ F d) 6F

97. In drilling operation the feed is expressed in?

- a) mm
- b) mm/sec
- c) mm/min
- d) mm/revolution

98. Two Bulbs are marked 100w / 220 v and 60 w / 220 v. Which has the highest resistance?

- a) 100 w
- b) 60 w
- c) Both same
- d) None

99. In a Diesel engine the fuel is ignited by?

- a) Spark
- b) Injected fuel
- c) Combustion chamber
- d) None

100. How are electrical circuits protected from overheating?

- a) Thermocouples
- b) Shunts
- c) Fuses
- d) Solenoids

Answer Key

1) c 21) b 41) a 61) a 81) b 2) c 22) c 42) b 62) c 82) c 3) b 23) b 43) c 63) a 83) a 4) a 24) b 44) a 64) c 84) b 5) b 25) a 45) b 65) c 85) a 6) d 26) d 46) b 66) c 86) c 7) a 27) b 47) c 67) b 87) d 8) c 28) c 48) d 68) b 88) d 9) c 29) d 49) a 69) c 89) d 10) a 30) d 50) c 70) c 90) b 11) a 31) d 51) c 71) d 91) c 12) b 32) d 52) b 72) b 92) b 13) b 33) a 53) d 73) c 93) d 14) d 34) d 54) d 74) b 94) c 15) c 35) d 55) a 75) a 95) b 16) c 36) a 56) c 76) a 96) a 17) a 37) b 57) a 77) d 97) d 18) b 38) a 58) a 78) d 98) b 19) a 39) b 59) d 79) c 99) d 20) d 40) b 60) c 80) c 100) c



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