

Railway RRB Mock Test - 8

Exam Pattern

S.No	Exam	Subject	Marks	Duration
1	Written Test	General Knowledge	20	90 Minutes
		Arithmetic Ability	25	
		General Intelligence	25	
		General Science	30	
Total			100	

1. The coral reefs are the marine counterpart of–

- (A) Temperate forest
- (B) Tropical rain forest
- (C) Savannah
- (D) Scrub land

2. Genes are made up of–

- (A) DNA
- (B) RNA
- (C) DNA & RNA
- (D) Protein

3. Which one of the following gas comes out during photosynthesis?

- (A) Oxygen
- (B) Carbon dioxide
- (C) Hydrogen
- (D) Chlorine

4. Role of chlorophyll in photosynthesis–

- (A) Absorption of water
- (B) Absorption of light energy
- (C) Absorption of CO₂
- (D) None of These

5. Cylindrical lens issued by a person suffering from–

- (A) Astigmatism

- (B) Myopia
- (C) Hypermetropia
- (D) Presbyopia

6. Whose experiments proved that the speed of light is always same?

- (A) James Clark Maxwell
- (B) Michelson and Marley
- (C) Miller and Stanley
- (D) Werner Heisenberg

7. How Many images can a man see if he stands between two plane mirrors inclined at an angle of 60° ?

- (A) 3
- (B) 4
- (C) 5
- (D) 6

8. The conductivity of ideal superconductor is—

- (A) Infinite
- (B) Very large
- (C) Very small
- (D) Zero

9. The resistance of an ideal voltmeter is

- (A) Zero
- (B) Very low
- (C) Very high
- (D) Infinite

10. Who was the founder of the Sufi order in India?

- (A) Khwaja Moinuddin chisti
- (B) Khwaja Qutubuddin Bakhtiyar kaki
- (C) Shaikh Nizamuddin Auliya
- (D) Shaikh Nasiruddin Mahmud

11. Who has been described as The" Akbar of the Sultanate" by Elliot?

- (A) Iltutmish

- (B) Balban
- (C) Alauddin Khalji
- (D) Firoz Tughlaq

12. Who was appointed Deputy Dewan of Murshidabad (Bengal) by Robert Clive after the Allahabad Treaty?

- (A) Mohd Raza Khan
- (B) Raja Shitab Rai
- (C) Rai Durlabh
- (D) Syed Gulam Hussain

13. Where was Azad Hind Fauj setup ?

- (A) Japan
- (B) Burma
- (C) Singapore
- (D) England

14. The Rowlett Act aimed at

- (A) Compulsory economic support to war efforts.
- (B) Imprisonment without trial and summary procedures for trial
- (C) Imposition of restriction on freedom of the press.
- (D) Suppression of the Khilafat movement

15. Which of the following Animals was not known to the Indus valley civilization?

- (A) Bull
- (B) Horse
- (C) Elephant
- (D) Giraffe

16. The Ancient name of North Bihar was

- (A) Vatsa
- (B) Vajji
- (C) Surasen
- (D) Avanti

17. Who among the following was contemporary of chingiz khan

- (A) Mahmud Ghazanavi

- (B) Iltutmish
- (C) Alauddin khilji
- (D) Mohammad-bin-Tughlaq

18. Which Sikh Guru helped the rebel prince Khusro with money and blessing ?

- (A) Guru Hargovind
- (B) Guru Govind Singh
- (C) Guru Arjun dev
- (D) Guru Tegh Bahadur

19. Which one of the following pairs is matched correctly?

- (A) Supreme court of India → Article 318
- (B) Election commission of India → Article 324
- (C) Union public service commission → Article 332
- (D) Attorney General → Article 35

20. By whom Yavanika or curtain was introduced in Indian theatre?

- (A) Shaka
- (B) Greeks
- (C) Hunas
- (D) Persians

21. The office of Lokpal and Lokayukta in India is based on which one of the following ?

- (A) Parliamentary Commissioner of UK
- (B) Ombudsman in Scandinavia
- (C) Procurator General of Russia
- (D) Council of state in France

22. The presidential government operates on the principle of

- (A) Division of powers between centre and states.
- (B) Centralization of powers
- (C) Balance of powers.
- (D) Separation of powers

23. Who was the last ruler of Tuglaq dynasty of the Delhi sultanate ?

- (A) Firoz Shah Tughlaq

- (B) Ghiyasuddin Tughlaq II
- (C) Mahmud Shah Tughlaq
- (D) Nasarat Shah

24. For which art Sonal Mansingh is famous?

- (A) Odissi dancing style
- (B) Vocal music
- (C) Painting
- (D) Instrumental music

25. Which of the following is not related to "sitar"?

- (A) Amir Khusro
- (B) Ravi Shankar
- (C) Ustad Allauddin
- (D) Vilayat Ali Khan

26. Which of the following book is not authored by Karl Marx ?

- (A) German Ideology
- (B) Critique of the Gotha Programme
- (C) Paris Manuscripts
- (D) Science of Logic

27. Gandhi described himself as a

- (A) Liberal
- (B) Socialist
- (C) Social democrat
- (D) Philosophical anarchist

28. Which amendment of the constitution of India limits the number of ministers?

- (A) 73rd
- (B) 86th
- (C) 87th
- (D) 91st

29. Which one of the following committees is not associated with Panchayati Raj in India ?

- (A) Sadiq Ali committee

- (B) Dinesh Goswami committee
- (C) L. M. Singhvi committee
- (D) P. K. Thungan committee

30. Which of the following resulted from Bretton woods conference?

- (A) United Nations
- (B) League of Nations
- (C) Institutions meant for checking nuclear proliferation
- (D) World Bank and IMF

31. Maximum area of Manipur is

- (A) Plain
- (B) Hill
- (C) Plateau
- (D) Marsh (Daldal)

32. Kapili River is tributary of which the following river?

- (A) Ganga
- (B) Gandak
- (C) Kosi
- (D) Brahmaputra

33. Kerala is known in world for

- (A) Rubber
- (B) Sugarcane
- (C) Spices
- (D) Rice

34. 'Moka' coffee is produced by

- (A) Iraq
- (B) Brazil
- (C) Argentina
- (D) Yaman

35. Which is Organic Acid?

- (A) Citric Acid
- (B) Sulfuric Acid

- (C) Nitric Acid
- (D) Sulfurous Acid

36. Baby Blue syndrome is because of

- (A) Phosphate
- (B) Sulphate
- (C) Carbonate
- (D) Nitrate

37. Collection of preserved plant specimens is called

- (A) Herbarium
- (B) Sanatorium
- (C) Planetarium
- (D) Sabhaghar

38. Which one is known as "flame of the forest" is -

- (A) *Butea monosperma*
- (B) *Bauhinia variegata*
- (C) *Jacaranda mimosifolia*
- (D) *Tectona grandis*

39. Minamata disease is caused by -

- (A) Mercury
- (B) Cadmium
- (C) Lead
- (D) Zinc

40. Which one of the following groups of organisms has significance in diagnosing the death by drowning?

- (A) Lichens
- (B) Protozoa
- (C) Cyanobacteria
- (D) Diatoms

41. Archaeopteryx is a connecting link between which of the following classes of animals ?

- (A) Amphibia and Aves

- (B) Reptilia and Aves
- (C) Reptilia and mammalia
- (D) Aves and Mammalia

42. Pearl is mainly constituted of

- (A) Calcium Oxalate
- (B) Calcium Sulphate
- (C) Calcium Carbonate
- (D) Calcium Oxide

43. Buxa Tiger project is located in which state of India ?

- (A) Madhya Pradesh
- (B) Rajasthan
- (C) Gujarat
- (D) West Bengal

44. In which of the following crop Azolla Anabaena bio fertilizer is used?

- (A) Wheat
- (B) Rice
- (C) Mustard
- (D) Cotton

45. By which process the sea water can be converted into pure water?

- (A) Deliquescence
- (B) Efflorescence
- (C) Electric separation
- (D) Reverse osmosis

46. Pheromones are found in -

- (A) Insects
- (B) Snakes
- (C) Birds
- (D) Bats

47. National Water Development Agency was established in the year-

- (A) 1969
- (B) 1970

- (C) 1982
- (D) 1990

48. 'Hot spot' of Bio diversity in India are -

- (A) Western Himalayas and Eastern Ghat
- (B) Western Himalayas and Sunderban
- (C) Eastern Himalaya and Western Ghat
- (D) Eastern Himalaya and Silent valley

49. Which one of the following changes occurs when salt is added in water?

- (A) Boiling point increases and freezing point decreases
- (B) Boiling point decreases and freezing point increased
- (C) Both boiling point and freezing point decrease.
- (D) Both boiling point and freezing increase.

50. Where is the famous "Finger lake Region" located?

- (A) Australia
- (B) Austria
- (C) U S A
- (D) Britain

51. When the productive capacity of the economic system of a state is inadequate to create sufficient number of jobs, it is called-

- (A) Seasonal unemployment
- (B) Structural unemployment
- (C) Disguised unemployment
- (D) Cyclic unemployment

52. Special Drawing Rights (SDRs) relate to

- (A) The World Bank
- (B) The Reserve Bank of India
- (C) The World Trade Organization
- (D) The International Monetary Fund

53. National Income is generated from

- (A) Any money making activity
- (B) Any laborious activity

- (C) Any profit making activity
- (D) Any productive activity

54. Washing of peeled vegetable removes which vitamin?

- (A) Vitamin E
- (B) Vitamin D
- (C) Vitamin C
- (D) Vitamin B

55. A person suffering from high blood pressure should avoid foods which are rich in -

- (A) Sodium
- (B) Iodine
- (C) Calcium
- (D) Iron

56. Number of saddle joints in human body is -

- (A) 10
- (B) 8
- (C) 4
- (D) 2

57. If heater coil is cut into two equal parts and only one part is used in the heater, the heat generated will be

- (A) Doubled
- (B) Four times
- (C) One fourth
- (D) Halved

58. If the electrical resistance of a typical substance suddenly drop to zero. Then the substance is called

- (A) Super conductor
- (B) Semi conductor
- (C) Conductor
- (D) Insulator

59. Stilt roots are found in -

- (A) Banyan
- (B) Maize
- (C) Mango
- (D) China rose

60. Bio diversity is highest in -

- (A) Tundra zone
- (B) Prairie zone
- (C) Temperate zone
- (D) Tropic zone

61. India's first under water tunnel to be set up in which state?

- (A) Maharashtra
- (B) New Delhi
- (C) Karnataka
- (D) Andhra Pradesh

62. Which of the following state government has signed an MOU with private helicopter service company PawanHans to boost tourism?

- (A) West Bengal
- (B) Odisha
- (C) Maharashtra
- (D) Karnataka

63. Recently which country has created three new military bodies as part of reforms to modernize its military and improve its fighting capacity?

- (A) Russia
- (B) China
- (C) Japan
- (D) France

64. Indian Space Research Organization (ISRO) has decided to setup India's first space park in which city?

- (A) Mumbai
- (B) Jaipur
- (C) Bengaluru
- (D) Vishakhapatnam

65. "Shakti -2016" a counter terrorism and counter insurgency joint between India-France began in which state?

- (A) Puducherry
- (B) Karnataka
- (C) Gujarat
- (D) Rajasthan

66. Which of the following states is not approved by ministry of urban development under Atal Mission for rejuvenation and Urban Transformation (AMRUT) Scheme?

- (A) Haryana
- (B) Telangana
- (C) Uttarakhand
- (D) Rajasthan

67. Recently ' Vaman Diva' has been selected as the logo of the first make in India (MII) week which state is hosting Make in India week?

- (A) Karnataka
- (B) Rajasthan
- (C) New Delhi
- (D) Maharashtra

68. CIRB Hisar becomes second Institute to clone buffalo in India. What is the name given to this cloned buffalo?

- (A) CIRB Yash
- (B) CIRB Gaurav
- (C) CIRB Ashok
- (D) CIRB Utkarsh

69. Mullaperiyar Dam is a matter of dispute between Tamil Nadu and

- _____.
- (A) Andhra Pradesh
 - (B) Kerala
 - (C) Karnataka
 - (D) Pondicherry

70. Babhali Barrage issue a matter of dispute between Maharashtra and

- _____.
- (A) Karnataka
 - (B) Andhra Pradesh
 - (C) Goa
 - (D) Madhya Pradesh

71. Some words are coded below with numbers.

SEEMA WANTS WATER → 1 2 3

WATER IS BLUE → 1 4 5

SEEMA HAS BLUE DRESSES → 2 4 6 7

SANGEETA HAS WATER → 7 1 8

then SANGEETA WANTS BLUE DRESSES = ?

- (A) 8 3 4 6
- (B) 8 2 5 6
- (C) 7 2 4 6
- (D) 8 5 4 6

72. Insert the missing letter.

D K G N ? Q M T

- (A) O
- (B) P
- (C) J
- (D) K

73. A magician called following to the stage, whom will he call next?

Beena, Dilip, Farookh, Harish, ?

- (A) Pradeep
- (B) Jai
- (C) Meenal
- (D) Vijay

74. 1/A, C/3, 5/E, ?

- (A) G/7
- (B) 7/G
- (C) 8/H

(D) H/8

75. 7, 15, 32, ?, 138, 281

- (A) 66
- (B) 67
- (C) 65
- (D) 85

76. Which of the following would come third in the english dictionary?

- (A) Dialysis
- (B) Diamond
- (C) Diarchy
- (D) Dinner

77. A, E, I, ?, U

- (A) M
- (B) P
- (C) O
- (D) W

78. Insert the missing number.

18, 8, -2, -12, ?

- (A) -8
- (B) -18
- (C) -22
- (D) -20

79. A doctor gives Savita five tablets asking her to take each one after half an hour. How long will she take to finish all the tablets?

- (A) 1.5 hours
- (B) 2 hours
- (C) 2.5 hours
- (D) 3 hours

80. B : C : D :: A : E : ?

- (A) F

- (B) G
- (C) I
- (D) U

81. In a certain code rhyme is written as MEYRH, then how will CAMEL be written?

- (A) ELMCA
- (B) LEMAC
- (C) ELMAC
- (D) ACMLE

82. What is the remainder when 7^{700} is divided by 100?

- (A) 1
- (B) 61
- (C) 41
- (D) 21

83. $\frac{9}{16}$ of a number is 51 greater than 50% of the number. Then the number is?

- (A) 832
- (B) 704
- (C) 960
- (D) 816

84. Cost of two articles are in the ratio 3 : 2 on the first there is 40% loss and on the second 30% gain, the overall percentage of loss?

- (A) 12%
- (B) 30%
- (C) 40%
- (D) 10%

85. The square root of " 0.0676×0.04 " is?

- (A) 52
- (B) 0.52
- (C) 5.2
- (D) 0.052

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- 86.** The average of 6 numbers is 8. What should be added to it to make the average 9?
- (A) 15
(B) 16
(C) 17
(D) 18
- 87.** A sum of money becomes double in 5 years at certain compound interest rate. Then it will become 8 time in _____ years.
- (A) 10
(B) 15
(C) 20
(D) 25
- 88.** If 'x' men can complete a work in 8 days and (x + 4) men can complete the work in 6 days then x = ?
- (A) 10
(B) 6
(C) 12
(D) 24
- 89.** Counting from 1 to 1000 the total numbers that are divisible by 3 and 5?
- (A) 467
(B) 533
(C) 466
(D) 333
- 90.** 70% of 280 is same as
- (A) 35% of 140
(B) 7% of 28
(C) 40% of 490
(D) 40% of 160
- 91.** If an article is sold at 10% gain, instead of 10% loss the merchant would have got Rs. 25 more, the cost price is?
- (A) Rs. 250
(B) Rs. 175

- (C) Rs. 125
- (D) Rs. 180

92. When certain quantity of sugar is sold at Rs. 11 per kg the gain is 10%. If the total gain is 50 Rs. what is the quantity of sugar sold?

- (A) 100 kg
- (B) 50 kg
- (C) 60 kg
- (D) 80 kg

93. The sum of a number and its reciprocal is one eighth of 34. What is the product of number and its square root?

- (A) 8
- (B) 32
- (C) 27
- (D) 34

94. The total surface area of a right cone of height 14 cm and base radius 7 cm is?

- (A) 462 cm^2
- (B) 344.35 cm^2
- (C) 498.35 cm^2
- (D) 444.6 cm^2

95. The ratio of radius and height of a right circular cone is 3 : 4, and the volume is $96 \pi \text{ cm}^3$. The curved surface area of cone will be?

- (A) $42 \pi \text{ cm}^2$
- (B) $48 \pi \text{ cm}^2$
- (C) $60 \pi \text{ cm}^2$
- (D) $36 \pi \text{ cm}^2$

96. The sum of diagonals of a rhombus is 10 m and its area is 9 m^2 . What is the sum of square of its diagonals?

- (A) 36 m^2
- (B) 64 m^2
- (C) 84 m^2
- (D) 100 m^2

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97. A man in a bus notices that he can count 21 telephone poles in one minute. If the distance between each pole is 50 m, then at what speed the bus is running? (in km/hr)

- (A) 54
- (B) 60
- (C) 64
- (D) 72

98. The value of furniture is Rs. 9000. If its value depreciates at 10% per annum, then after 3 years the value of furniture will be?

- (A) Rs. 6500
- (B) Rs. 6432
- (C) Rs. 6561
- (D) Rs. 6300

99. If the internal angle of a polygon is $\frac{7}{6}$ times than that of a hexagon. Then number of sides in the polygon is -----

- (A) 8
- (B) 9
- (C) 10
- (D) 7

100. A boat goes downstream in one third the time it takes to go upstream. The ratio of speed of boat in still water to that of stream is?

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

Answers

1	D	11	D	21	B	31	B	41	B	51	B	61	D	71	A	81	A	91	C
2	A	12	A	22	D	32	D	42	C	52	D	62	C	72	C	82	A	92	B
3	A	13	C	23	C	33	C	43	D	53	A	63	B	73	B	83	D	93	A
4	B	14	B	24	A	34	D	44	B	54	C	64	C	74	A	84	A	94	C

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5	A	15	B	25	C	35	A	45	D	55	A	65	D	75	B	85	D	95	C
6	B	16	A	26	D	36	D	46	A	56	D	66	D	76	C	86	A	96	B
7	C	17	B	27	D	37	A	47	C	57	A	67	D	77	C	87	B	97	B
8	A	18	C	28	D	38	A	48	C	58	A	68	B	78	C	88	C	98	C
9	D	19	B	29	B	39	A	49	A	59	B	69	B	79	B	89	A	99	B
10	A	20	B	30	D	40	D	50	C	60	D	70	B	80	C	90	C	100	D