

RRB ASM General Knowledge Solved Paper Question paper

1. Which of the following countries is a land locked country in south America?

- a. Ecuador
- b. Peru
- c. Uruguay
- d. Bolivia

Ans : d

2. Canary Islands belongs to

- a. Norway
- b. Spain
- c. New Zealand
- d. Portugal

Ans : b

3. Titan is the largest natural satellite of planet

- a. Mercury
- b. Venus
- c. Saturn
- d. Neptune

Ans : c

4. Which of the following planets rotates clock wise?

- a. Pluto
- b. Jupiter
- c. Venus
- d. Mercury

Ans : c

5. A difference of 1 degree in longitude at the Equator is equivalent to nearly

- a. 101 km
- b. 111 km
- c. 121 km
- d. 125 km

Ans : b

6. The earliest known Indian script is

- a. Mori
- b. Devanagari
- c. Brahmi
- d. Kharosti

Ans : c

7. How many times the preamble was amended

- a. once
- b. twice
- c. thrice
- d. four times

Ans : a

8. The term socialist was added in the Preamble by the...amendment

- a. 40th
- b. 42nd
- c. 44th

d. 49th
Ans : b

9. The state with the lowest population in India is

- a. Goa
- b. Tripura
- c. Mizoram
- d. Sikkim

Ans : d

10. Which person or organisation received the Nobel Prize three times so far?

- a. Medame Curie
- b. Linus Pauling
- c. Alexander Flemming
- d. International Committee of the Redcross

Ans : d

11. The Finance Commission is appointed for every... year

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

Ans : c

12. Under which five year plan did agriculture show a negative growth?

- a. 1st plan
- b. 2nd plan
- c. 3rd plan
- d. 4th plan

Ans : c

13. Who is the founder of the Capital city of Agra?

- a. Akbar
- b. Babar
- c. Sikinder Lodi
- d. Mubarak Shah Sayyad

Ans: c

14. The first tide generated electricity project was established at

- a. Vizhinjam, Kerala
- b. Mangalore, Karnataka
- c. Paradeep, Orissa
- d. Vishakapattanam

Ans : a

15. National Institute of Oceanography is located in :

- a. Calcutta
- b. Chennai
- c. Mangalore
- d. Panaji

Ans : d

16. The 2004 Olympics were held in :

- a. Bangkok

b. Rome
c. Athens
d. Nagasaki
Ans : c

17. Who headed the committee appointed on Kargil War ?

a. Gen. V. P. Malik
b. Gen. S. K. Sinha
c. K. Subramanyam
d. K. C. Panth
Ans : c

18. The C. K. Nayudu Trophy is related to the sport of

a. cricket
b. Hockey
c. Football
d. Chess
Ans : a

19. New York is situated on the river

a. Hudson
b. Thames
c. Danube
d. Tigris
Ans : a

20. "The Woman of the Millennium" selected by the British Broadcasting Corporation (BBC) is

a. Margaret Thatcher
b. Hillary Clinton
c. Chandrika Kumaratunga
d. Indira Gandhi
Ans : d

21. The General Assembly of United Nations meets

a. Once a year
b. twice a year
c. thrice a year
d. Once in five years
Ans : a

22. The "Common Wealth Games 2002" will be held in

a. Toronto
b. Manchester
c. Tokyo
d. Canberra
Ans : b

23. All India Radio commenced operations in

a. 1926
b. 1936
c. 1945
d. 1947
Ans : b

24. The "Killer Instinct" is written by

- a. Sulakshan Mohan
 - b. M.K.Santanam
 - c. O.P.Sabharwal
 - d. Subash Jain
- Ans : c

25. The Secretary-General of UN is appointed by the

- a. Security Council
- b. Trusteeship Council
- c. General Assembly
- d. World Bank

Ans : c

26. Postal Voting is other wise called:

- a. external voting
- b. secret voting
- c. plural voting
- d. proxy voting

Ans : d

27. The Common Wealth of Independent states (CIS) consists of....republica?

- a. 10
- b. 11
- c. 12
- d. 13

Ans : c

28. Which of the following harbours is considered as the world's finest natural harbour?

- a. Sydney harbour
- b. Toronto harbour
- c. New Jersey harbour
- d. Singapore harbour

Ans : a

29. Who invented Radar?

- a. Henry Becquerel
- b. Max Planck
- c. Robert Watson Watt
- d. Humphrey Davy

Ans : c

30. Sandal Wood trees are mostly found in...

- a. Tropical Evergreen Forests
- b. Tropical moist Deciduous
- c. Alpine forests
- d. Tropical Thorn Forests

Ans : d

31. The first country to legalise medically assisted suicide is

- a. Switzerland
- b. New Zealand
- c. USA
- d. Netherlands

Ans : d

31. India's newsprint industry is mainly located in

- a. Indore
- b. Dehradun
- c. Neapanagar
- d. Nagpur

Ans : c

32. The tomb of Babur is at

- a. Kabul
- b. Lahore
- c. Multan
- d. Larkhana

Ans : a

33. The joint session of the two houses is presided by

- a. the speaker
- b. the president
- c. chairman of Rajyasabha
- d. none of these

Ans : a

34. The Gandhara school of Art was influenced most by the

- a. Greeks
- b. Shakas
- c. persians
- d. Kushans

Ans : a

35. The Simon Commission was appointed in

- a. 1927
- b. 1928
- c. 1929
- d. 1930

Ans : c

36. Sikkim became a full fledged state of the Indian Union, in the year ?

- a. 1972
- b. 1973
- c. 1974
- d. 1975

Ans : d

37. Who is the founder of Mahabalipuram ?

- a. Rajaraja Chola
- b. Mahendra Varman
- c. Narsimha Varman
- d. Narsimha Chola

Ans : c

38. The 189th member of United Nations is

- a. Palau
- b. Tuvalu
- c. Soloman Islands
- d. Nauru

Ans : b

39. When was Burma separated from India

- a. 1947
- b. 1942
- c. 1937
- c. 1932

Ans : c

40. Which of the following country has more than 55,000 lakes?

- a. Poland
- b. Denmark
- c. Finland
- d. Norway

Ans : c

RRB Objective question, English Question ,Numerical Question etc.

Question Paper:

1. Where is the Punjab Lalit Kala Academy located ?

- (A) Muktasar
- (B) Ludhiana
- (C) Patiala
- (D) Chandigarh

Ans : (D)

2. What does happens when water is condensed into ice ?

- (A) Heat is absorbed
- B) Heat is released
- (C) Quantity of heat remains unchanged
- (D) None of these

Ans : (A)

3. Which of the following gases is not a noble gas ?

- (A) Zenon
- (B) Argon
- (C) Helium
- (D) Chlorine

Ans : (D)

4. Which of the following diffuses most quickly ?

- (A) Solid
- (B) Gas
- (C) Liquid
- (D) None of these

Ans : (B)

5. Which temperature in Celsius scale is equal to 300 K ?

- (A) 30°C
- (B) 27°C
- (C) 300°C
- (D) None of these

Ans : (B)

6. First Youth Olympic games will be held in—

- (A) Japan
- (B) China
- (C) North Korea
- (D) Singapore

Ans : (D)

7. Where was the capital of Pandya dynasty situated ?

- (A) Mysore

(B) Kanchipuram

(C) Madurai

(D) Delhi

Ans : (C)

8. Tripitak is the scripture of—

(A) Jain religion

(B) Hindu religion

(C) Buddhishtha religion

(D) Muslim religion

Ans : (C)

9. Who is the author of 'Adhe-Adhure' ?

(A) Mohan Rakesh

(B) Prem Chand

(C) Nirala

(D) Pant

Ans : (A)

10. Which of the following Constitutional Amendments has included fundamental duties into the Constitution ?

(A) 42nd

(B) 43rd

(C) 44th

(D) 39th

Ans : (A)

11. Where is the Central Food Technology Research Institute situated ?

(A) Delhi

(B) Anand

(C) Ahmedabad

(D) Mysore

Ans : (D)

12. Which of the following is common in both, Buddhism and Jainism ?

(A) Nonviolence

(B) Violence

(C) Triratna

(D) Truth

Ans : (A)

13. Light-year measures which of the following ?

(A) Intensity of light

(B) Mass

(C) Time

(D) Distance

Ans : (D)

14. Which of the following gases is used for ripening the fruits ?

(A) Methane

(B) Ethane

(C) Ethylene

(D) Acetylene

Ans : (C)

15. Who among the following was involved in Alipore bomb case ?

(A) Aravind Ghosh

(B) P. C. Banerjee

(C) Bipin Chandra Paul

(D) Chandrashekhar Azad

Ans : (A)

16. Sikh Guru Arjundev was contemporary to which of the following rulers ?

(A) Humayun

(B) Akbar

(C) Shahjahan

(D) Jahangir

Ans : (D)

17. Besides hydrogen, which of the following elements is common in organic compounds ?

- (A) Phosphorus
- (B) Sulphur
- (C) Nitrogen
- (D) Carbon

Ans : (D)

Directions—(Q. 18–21) Find the correct meanings of the words given below :

18. EWE

- (A) Calf
- (B) Female sheep
- (C) Deer
- (D) None of these

Ans : (B)

19. Buffalo

- (A) Calf
- (B) Baby box
- (C) Baby bison
- (D) Baby cow

Ans : (C)

20. Veneration—

- (A) Esteem
- (B) High respect
- (C) Devotion
- (D) Worship

Ans : (B)

21. Vicious—

- (A) Remorseless
- (B) Ferocious
- (C) Kind
- (D) Wicked

Ans : (D)

Directions—(Q. 22–25) Choose the word / phrase which is nearest in meaning to the words in question :

22. Bizarre

- (A) Colourful
- (B) Odd
- (C) Insipid
- (D) Smart

Ans : (B)

23. Innuendo

- (A) Narration
- (B) Insinuation
- (C) Insist
- (D) Insutale

Ans : (B)

24. Salutary

- (A) Welcome
- (B) Discharge
- (C) Promoting
- (D) Remove

Ans : (C)

25. Fictile

- (A) Fiction
- (B) Moulded
- (C) Fictitious
- (D) Smooth

Ans : (B)

26. Solid Carbon dioxide is termed as—

- (A) Soft ice

- (B) Dry ice
- (C) White ice
- (D) None of these

Ans : (B)

27. 1 kg of a liquid is converted into its vapour at its boiling point. The heat absorbed in the process is called—

- (A) Latent heat of vaporisation
- (B) Latent heat of fusion
- (C) Latent heat of sublimation
- (D) None of these

Ans : (A)

28. Whether all the universities in the country should start online admission at all levels with immediate effect ?

- (i) No, since all the students may not have access to the internet easily.
- (ii) Yes, it may liberate the students and their parents from the long-standing problems of knocking at the doors of different colleges and standing in queue.

- (A) Only argument (i) is correct
- (B) Only argument (ii) is correct
- (C) Neither argument (i) nor argument (ii) is correct
- (D) Both the arguments, (i) and (ii), are correct

Ans : (D)

29. The product 'Fair and Lovely' is related to—

- (A) WIPRO
- (B) I.T.C.
- (C) P & G
- (D) H.U.L.

Ans : (D)

30. Should the Government make it compulsory for the private medical colleges to join the entrance test conducted by the Government ?

- (i) No, private institutions should be empowered, so that they may decide their own admission strategy and improve their work-management.

(ii) Yes, all medical institutions, whether these are private or government's, should adopt the same entrance standard.

- (A) Only argument (i) is correct
- (B) Only argument (ii) is correct
- (C) Either argument (i) is correct or argument (ii) is correct
- (D) Neither argument (i) is correct nor argument (ii) is correct

Ans : (B)

31. In case the President of India decides to resign, he will address his letter of resignation to—

- (A) Prime Minister
- (B) Chief Justice
- (C) Speaker of Lok Sabha
- (D) Vice-President

Ans : (D)

32. The metal extracted from Bauxite is—

- (A) Silver
- (B) Copper
- (C) Manganese
- (D) Aluminium

Ans : (D)

33. The Cyclone represents a state of atmosphere in which—

- (A) Low pressure in the center and high pressure around
- (B) There is high pressure in the center and low pressure around
- (C) There is low pressure all around
- (D) None of these

Ans : (A)

34. The 'Ocean of Storms' is the name given to—

- (A) Atlantic Ocean
- (B) Pacific Ocean
- (C) A waterless area on moon surface
- (D) None of these

Ans : (C)

35. The capital of Pallavas was—

- (A) Arcot
- (B) Kanchi
- (C) Malkhed
- (D) Banavasi

Ans : (B)

36. Which Indian state was ranked as the No. 2 tourist destination in the world by LONELY PLANET?

- (A) Himachal Pradesh
- (B) Tamil Nadu
- (C) Kerala
- (D) Uttarakhand

Ans : (C)

37. How much water is contained in our body by mass ?

- (A) 65%
- (B) 70%
- (C) 60%
- (D) None of these

Ans : (B)

38. What determines the sex of a child ?

- (A) Chromosomes of the father
- (B) Chromosomes of the mother
- (C) RH factor of the parents
- (D) Blood group of the father

Ans : (A)

39. The two civilizations which helped in the formation of Gandhara School of Art are—

- (A) Indian and Roman
- (B) Indian and Egyptian
- (C) Greek and Roman
- (D) Indian and Greek

Ans : (D)

40. 'Thinkpad' is a laptop associated with which among the following companies ?

- (A) HP
- (B) TCS
- (C) Infosys
- (D) IBM

Ans : (D)

41. The first summit of SAARC was held at—

- (A) Kathmandu
- (B) Colombo
- (C) New Delhi
- (D) Dhaka

Ans : (D)

42. The wire of flash bulb is made of—

- (A) Copper
- (B) Barium
- (C) Magnesium
- (D) Silver

Ans : (C)

43. The curves showing the volume pressure behaviour of gases plotted at different fixed temperatures are called—

- (A) Isochors
- (B) Isothermals
- (C) V.T.P. Curves
- (D) Isocurves

Ans : (B)

44. Project Tiger was launched in—

- (A) 1973
- (B) 1976
- (C) 1978
- (D) 1983

Ans : (A)

Directions—(Q. 45 and 46) Attempt the question to the best of your judgement.

45. How many letters in the word TRYST have as many letters between them as in the alpha bet ?

- (A) None
- (B) 2
- (C) 3
- (D) 4

Ans : (B)

46. From the alternatives, select the set which is most like the given set. Given set (23, 29, 31)—

- (A) (17, 21, 29)
- (B) (31, 37, 49)
- (C) (13, 15, 23)
- (D) (41, 43, 47)

Ans : (D)

Directions—What should come in place of question mark (?) in the following number series ?

47. 13 13 65 585 7605 129285 ...?...

- (A) 2456415

(B) 2235675

(C) 2980565

(D) 2714985

Ans : (D)

48. If 'VEHEMENT' is written as 'VEHETNEM' then in that code how will you code 'MOURNFUL' ?

(A) MOURLUFN

(B) MOUNULFR

(C) OURMNFUL

(D) URNFULMO

Ans : (A)

49. MOLLIFY is to APPEASE as APPURTENANCE is to ?

(A) Gratify

(B) Avarice

(C) Accessory

(D) Amend

Ans : (C)

50. Praduman is older than Janaki; Shreshtha is older than Chhama; Ravindra is not as old as Shreshtha but is older than Janaki. Chhama is not as old as Janaki. Who is the youngest ?

(A) Praduman

(B) Janaki

(C) Shreshtha

(D) Chhama

Ans : (D)

51. In a row of children facing North, Bharat is eleventh from the right end and is third to the right of Samir who is fifteenth from the left end. Total how many children are there in the row ?

(A) 29

(B) 28

(C) 30

(D) 27

Ans : (B)

52. Which number is missing ?

45389, ?, 453, 34

(A) 34780

(B) 8354

(C) 4892

(D) 3478

Ans : (B)

53. If in the word CALIBRE, the previous letter in the English alphabet replaces each consonant and each vowel is replaced by the next letter and then the order of letters is reversed, which letter will be third from the right end ?

(A) A

(B) C

(C) B

(D) K

Ans : (D)

54. How many such digits are there in the number 57683421, each of which is as far away from the beginning of the number, as they will be when arranged in descending order within the number ?

- (A) One
- (B) Two
- (C) Three
- (D) More than three

Ans : (D)

Directions—(Q. 55 to 57) In the following question there are two words to the left of the sign (::) which are connected in some way. The same relationship obtains between the third word and one of the four alternatives under it. Find the correct alternative in each case.

55. Medicine : Sickness :: Book : ?

- (A) Ignorance
- (B) Knowledge
- (C) Author
- (D) Teacher

Ans : (A)

56. River : Dam :: Traffic : ?

- (A) Signal
- (B) Vehicle
- (C) Motion
- (D) Lane

Ans : (A)

57. Session : Concludes :: ? : Lapses

- (A) Leave
- (B) Permit
- (C) Agency
- (D) Policy

Ans : (D)

58. If $16 = 11$, $25 = 12$, $36 = 15$, then $49 = ?$

- (A) 14
- (B) 20
- (C) 19
- (D) 17

Ans : (B)

59. Pick out the odd in the following—

- (A) Ashok—Assam
- (B) Poonam—Punjab
- (C) Gyanendra—Gujarat
- (D) Anjana—Rajasthan

Ans : (D)

60. KEATS = 25, SHELLEY = 35, BROWNING = ?

(A) 45

(B) 37

(C) 50

(D) 40

Ans : (D)

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Directions—(Q. 61 and 62) What approximate value should come in place of question-mark (?) in the following questions ?

(You are not expected to calculate the exact value)

31. In case the President of India decides to resign, he will address his letter of resignation to—

(A) Prime Minister

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(C) Speaker of Lok Sabha

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Ans : (D)

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Ans : (D)

41. The first summit of SAARC was held at—

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- (B) 37
- (C) 50
- (D) 40

Ans : (D)

61. $(9321 + 5406 + 1001) \div (498 + 929 + 660) = ?$

- (A) $13 \cdot 5$
- (B) $4 \cdot 5$
- (C) $16 \cdot 5$
- (D) $7 \cdot 5$

Ans : (D)

62. $561204 \times 58 = ? \times 55555$

- (A) 606
- (B) 646
- (C) 586
- (D) 716

Ans : (C)

63. The difference between the greatest number and the smallest number of 5 digits 0, 1, 2, 3, 4 using all but once is—

- (A) 32976
- (B) 32679
- (C) 32769

(D) None of these

Ans : (A)

64. Area of a parallelogram whose base is 9 cm and height 4 cm is sq cm.

(A) 9

(B) 4

(C) 36

(D) 13

Ans : (C)

65. The number which is neither prime nor composite is—

(A) 0

(B) 1

(C) 3

(D) 2

Ans : (B)

66. The length of a room is three times its breadth. If the perimeter of the room is 64 cm, then its breadth is cm.

(A) 64

(B) 32

(C) 16

(D) 8

Ans : (D)

67. Aditi read $\frac{4}{5}$ th of Tintin comic book which has 100 pages. How many pages of the book is not yet read by Aditi ?

(A) 40

(B) 60

(C) 80

(D) 20

Ans : (D)

68. What is the meaning of beckoned ?

(A) Summon by sign or gesture

(B) Did not signal

(C) Did not call

(D) Invite

Ans : (A)

69. A box contains coins (equal no. of every one) of rupee and half rupee, coins of 25 paise, 10 paise, 5 paise value, 2 paise value and one paise value. The total value of coins in the box is Rs. 1158. Find the number of coins of each value.

(A) 500

(B) 400

(C) 700

(D) 600

Ans : (D)

70. The area of a rhombus with diagonals 12 cm and 20 cm is sq cm.

(A) 120

(B) 12

(C) 20

(D) 240

Ans : (A)

71. A piece of road is one kilometer in length. We have to supply lamp posts. One post at each end, distance between two consecutive lamp posts is 25 metres. The number of lamp posts required is—

(A) 41

(B) 51

(C) 61

(D) 42

Ans : (A)

72. There are 800 students in a class. On one particular day, if $\frac{1}{10}$ th of the students were absent, how many students were present ?

(A) 700

(B) 650

(C) 720
(D) 750
Ans : (C)

73. The quotient in a division is 403. The divisor is 100 and the remainder is 58, the dividend is—

- (A) 40458
- (B) 34058
- (C) 43058
- (D) 40358

Ans : (D)

74. A labourer was engaged for 25 days on the condition that for every day, he works, he will be paid Rs. 2 and for every day, he is absent he will be fined 50p. If he receives only Rs. 37.50, find the no. of days he was absent

- (A) 5
- (B) 6
- (C) 7
- (D) 4

Ans : (A)

Directions—(Q. 75 to 77) Choose the word/phrase which is most opposite in meaning to the word ?

75. Quixotic

- (A) Visionary
- (B) Whimsical
- (C) Realistic
- (D) Foolish

Ans : (C)

76. Rabid

- (A) Mad
- (B) Normal
- (C) Furious
- (D) Fanatical

Ans : (B)

77. Scurrilous

- (A) Inoffensive
- (B) Vulgar
- (C) Insulting
- (D) Coarse

Ans : (A)

78. Digits of first place and third place are interchanged of the numbers 349, 483, 766, 598, 674 and then the new numbers are arranged in ascending order. Which would be the fourth number ?

- (A) 483
- (B) 766
- (C) 674
- (D) 598

Ans : (D)

79. What least number should be added to 2600 to make it a complete square ?

- (A) 3
- (B) 9
- (C) 1
- (D) 25

Ans : (C)

80. When sun-light passes through a glass prism, which of the following colours refracts the most ?

- (A) Blue
- (B) Red
- (C) Orange
- (D) Green

Ans : (A)

81. If $(78)^2$ is subtracted from the square of a number, we get 6460. What is that number ?

- (A) 109
- (B) 112

(C) 111
(D) 115
Ans : (B)

82. The difference between 28% and 42% of a number is 210. What is 59% of this number ?
(A) 900
(B) 420
(C) 885
(D) None of these
Ans : (C)

83. A–B means A is the father of B. A + B means A is the daughter of B. A ÷ B means A is the son of B. A × B means A is the wife of B. Then, what is the relation of P with T in the expression P + S – T ?
(A) Son
(B) Daughter
(C) Sister
(D) Wife
Ans : (C)

84. Ellora caves in Maharashtra were built during the rule of which of the following dynasties ?
(A) Rashtrakoot
(B) Pallav
(C) Pala
(D) Chola
Ans : (A)

85. But for the Surgeon's skill, the patient died.
(A) may have
(B) must have
(C) should have
(D) would have
Ans : (D)

86. I want to see the Principal, I have something to tell him urgently.
(A) so
(B) for
(C) since
(D) and
Ans : (C)

87. I wasn't really listening and didn't what he said.
(A) catch
(B) receive
(C) accept
(D) take
Ans : (A)

88. The first division of Congress took place in—
(A) Surat
(B) Kolkata
(C) Allahabad
(D) Chennai
Ans : (A)

89. What is ginger ?
(A) Flower
(B) Root
(C) Stem
(D) Leaf
Ans : (B)

90. Battle of Kalinga was fought at which of the following places ?
(A) Udaigiri
(B) Dhauri
(C) Balasore
(D) Barabaki
Ans : (B)

91. MIG aircraft manufacturing plant is located at which of the following places of Orissa ?

- (A) Beharampur
- (B) Sunabeda
- (C) Koraput
- (D) Sambalpur

Ans : (C)

(Paper) Multiple Choice Questions Exam Paper For Railway Engineering (RRB): SOLVED

Second paper:

1. A parabolic curve introduced between straight and a circular curve or between two branches of a compound curve for ease, comfort and safety of movement of trains on curve is called:

- (a) Spur curve (b) Transition curve
- (c) Summit curve (d) Valley curve

Ans : B

2. The staggered rails joints are usually provided on:

- (a) Bridge (b) Curves (c) Branching (d) Tangents

Ans : B

3. The track capacity can be increased by:

- (a) Faster movement of trains on the track
- (b) By using more powerful engines
- (c) All the above
- (d) None of the above

Ans : C

4. The railway station at which a track line meets a main line is called:

- (a) terminal station (b) flag station
- (c) way side station (d) junction station

Ans : D

5. The limiting value of super elevation of board gauge in Indian Railways is:

- (a) 16.50 cm (b) 30 cm (c) 15 cm (d) 10 cm

Ans : A

6. The chart used for recording the condition of track is known as:

- (a) Rolling chart (b) Track chart
- (c) Hallade chart (d) Vibro chart

Ans: C

7. The most common system of signaling in India is the system.

- (a) automatic block (b) section clear system
- (c) absolute block (d) pilot guard system

Ans : C

8. The feeder gauge is commonly used for feeding raw materials to big Government manufacturing concerns as well as to private factories such as steel plants, oil refineries, sugar factories etc.

- (a) 0.6096 m (b) 0.792 m (c) 1m (d) 1.676 m

Ans : A

9. Which one of the following bolts is not used in rail track:

- (a) Fang bolt (b) Eye bolt (c) Rag bolt (d) Fish bolt

Ans : B

10. The gradient which requires one or more additional locomotive for hauling the load over the gradient is called:

- (a) Up-gradient (b) Pusher gradient
- (c) Steep gradient (d) Momentum gradient

Ans : B

11. Points and crossings are provided for change ofon permanent ways.

- (a) gauge (b) direction and gradient
- (c) direction (d) gradient

Ans : C

12. In locomotive 'hunting' is:

- (a) Movement of locomotive in vertical plane perpendicular to its movement along the track
- (b) Sinuous path taken by engine as against the alignment of the track

(c) Motion after brakes have been applied

(d) Combination of A and B above

Ans : D

13. The rails which get battered due to action of wheels over the end of the rails are called:

(a) Hogged rails (b) Roaring rails

(c) Creep rails (d) Bucking rails

Ans : A

14. In broad gauge, the clear horizontal distance between the inner faces of two parallel rails forming the track is:

(a) 1 m (b) 1.676 m (c) 0.6096 m (d) 0.792 m

Ans : B

15. As per Indian standard, the recommended width of ballast section at foot level of rails for broad gauge tracks should be:

(a) 4.38 m (b) 3.35 m (c) 1.83 m (d) 2.25 m

Ans : B

16. The minimum length of a passenger platform for broad gauge railway should not be less than:

(a) 305 m (b) 183 m (c) 495 m (d) 250 m

Ans : A

17. Generally the shape of fish plate is:

(a) elliptical (b) bone shaped (c) circular (d) rectangular

Ans : B

18. For wooden sleepers, size of the ballast should be:

(a) 2.54 cm (b) 10.16 cm (c) 3.8 cm (d) 5.1 cm

Ans : C

69. The length of track under the control of a Ganger is:

(a) 10 to 15 Km (b) 5 to 6 KM

(c) 3 to 5 KM (d) 1 to 2 KM

Ans : B

20. The maximum rising gradient which is provided keeping the power of locomotive in view, is called

(a) Momentum gradient (b) Pusher gradient

(c) Down gradient (d) Ruling gradient

Ans : D

21. The latest system of signaling introduced is:

(a) C.T.C. system (b) pilot guard system

(c) section clear system (d) automatic block system

Ans : A

22. Detonating signals are used:

(a) for noisy engines

(b) during foggy and cloudy weather

(c) for deaf drivers

(d) not now, were in use in nineteenth century only

Ans : B

23. The number of fish bolts used for joining the rails with the help of fish plates, is generally:

(a) 4 (b) 8 (c) 2 (d) 6

Ans : A

24. The Railways provided underground at a depth of about 18 m or more are called:

(a) Mono railway (b) Underground railway

(c) Railway (d) Tube railway

Ans : D

25. The art of providing an outward slope of to the treads of wheels of rolling stock is known as coning of wheels.

(a) 1 in 30 (b) 1 in 10 (c) 1 in 4 (d) 1 in 20

Ans : D

26. The process of connecting a track length by an electric circuit is known as track circuiting and the sleepers which are suitable for it are:

(a) cast iron sleepers (b) steel sleepers

(c) wooden sleepers (d) all above are suitable

Ans : C

27. The movable tapered end of the tongue rail is known as:

- (a) heel of switch (b) toe of switch
- (c) stretcher bar (d) throw of switch

Ans : B

28. The yard where trains and other loads are received, sorted out, trains formed and dispatched onwards are known as:

- (a) locomotive yard (b) goods yard
- (c) marshalling yard (d) station yard

Ans : C

29. Wider gauge permits:

- (a) sleeper gradients (b) low axle load
- (c) higher operating speeds (d) sharp curves

Ans : C

30. Which one of the following is expected to have shorter life?

- (a) Steam engine (b) Diesel engine
- (c) Electric engine (d) Shunting engine

Ans : B

31. The movable end of the tapered rail, by means of which the flanged wheels of the train are diverted from one track to another is known as:

- (a) Toe (b) Stud (c) Heel (d) Flare

Ans : A

32. The creep in rails is measured in:

- (a) cm/kg (b) cm (c) Kg/cm (d) kg cm

Ans : B

33. When a rail loses its weight by 5%, it should be renewed and the old one can be used on unimportant tracks, but the rails which have lost their weight by more than, should not be used on any track under any circumstances.

- (a) 8% (b) 33.3% (c) 10% (d) 20%

Ans : C

34. In railways, super elevation is provided to:

- (a) facilitate drainage
- (b) counteract the centrifugal push
- (c) counteract the centripetal pull
- (d) have all the effects mentioned above

Ans : B

35. The additional track connected to main line at both of its ends is called:

- (a) running line (b) loop line
- (c) main line (d) none are correct

Ans : B

36. The rails which help in channelising the wheels in their proper routes are known as:

- (a) Guard rails (b) Wing rails? (c) Check rails (d) Lead rails

Ans : B

37. The shape of wheels of rolling stock is:

- (a) Tapered with flange on outside
- (b) Parallel with flange on inside
- (c) Tapered with flange on inside
- (d) Parallel with flange on outside

Ans : C

38. The maximum gradient for broad gauge in station yards in Indian Railways is:

- (a) 1 in 100 (b) 1 in 1000 (c) 1 in 200 (d) 1 in 400

Ans : D

39. The force which resists the forward movement and speed of train is called:

- (a) Track modulus (b) Hauling resistance
- (c) friction (d) Tractive resistance

Ans : D

4. The tractive resistance of the route in railways as compared to roadways will be:

(a) same (b) more (c) low (d) not comparable

Ans : C

41. Sand is used as ballast incase of:

(a) steel sleepers

(b) wooden sleepers

(c) reinforced concrete sleepers

(d) cast iron sleepers

Ans : D

42. Arm type fixed signals, fitted on a vertical post fixed at the side of a track, are called:

(a) Warner signals (b) Starter signals

(c) Semaphore signals (d) Cab signals

Ans : C

43. The Railway provided just below the ground level are called:

(a) Tube railway (b) Underground railway

(c) Mono railway (d) Railway

Ans : B

44. When a railway line crosses a valley, a ridge like structure consisting of a series of piers, piles or trestles on which steel girders are placed and which is constructed usually for small spans is known as:

(a) Bridge (b) Tunnel (c) Viaduct (d) Aqueduct

Ans : C

45. Creeping of rails will be reduced by using:

(a) Bearing plates (b) Spikes (c) Chairs (d) Anchors

Ans : D

46. The railway track from which a train is to be diverted is called:

(a) branch track (b) points and crossing

(c) main or through track (d) all above

Ans : C

47. An expansion gap of is usually kept between the adjoining rail ends to allow for expansion of rail, due to variation in temperature.

(a) 1 to 3 mm (b) 10 to 15 mm

(c) 6 to 8 mm (d) 3 to 5 mm

Ans : C

48. Generally the weight/metre of the rails used in broad gauge is:

(a) 55 kg (b) 45 kg (c) 35 kg (d) 65 kg

Ans : A

49. A dynamometer car is used for:

(a) Tourists (b) Dinning facilities

(c) Inspection of administrative officers

(d) Recording the condition of track

Ans : D

100. Which of the following is not a part of rail engine?

(a) Tender (b) Stream turbine (c) Boiler (d) Fire box

Ans : B