Railway Recruitment Cell, Secunderabad
Group - D Exam

Held on 08-12-2013

DO NOT REMOVE THIS SHEET / इस शीट को न फाड़ें

Duration : (1½ Hours / 90 Minutes) समय (1½ घंटे / 90 मिनट)	Exam Code : परीक्षा कोड :	**5812**
No. of Pages / पृष्ठों की संख्या **80**	Question Booklet No. : प्रश्न-पुस्तिका संख्या :	**5092568**
Roll No. : अनुक्रमांक	OMR Answer sheet No. OMR उत्तर शीट क्र.	
Date of Examination परीक्षा तिथि :	Total Marks / कुल अंक :	**100**
Candidate's Name / परीक्षार्थी का नाम	**Candidate's Signature / परीक्षार्थी का हस्ताक्षर**	

** As given in application form / जैसा आवेदन पत्र में भरा हो

The candidate will first open only the **Yellow** seal and read the complete set of instructions carefully /
परीक्षार्थी पहले केवल **पीला** सील खोलें और सभी निर्देशों को ध्यान से पढ़ें।

The question paper is made up of the following sections as tabulated below :

निम्न तालिका में दर्शाये अनुसार, इस प्रश्न पत्र को निम्नलिखित भागों में विभाजित किया गया है :

Section/भाग	Language/भाषा	No. of Questions/प्रश्नों की संख्या	Pages/पृष्ठ	
			From/से	To/तक
Section - I	English	100	8	18
Section - II	Hindi/हिन्दी	100	19	30
Section - III	Urdu/اردو	100	31	42
Section - IV	Telugu/తెలుగు	100	43	55
Section - V	Kannada/ಕನ್ನಡ	100	56	67
Section - VI	Marathi/मराठी	100	68	78

Write the following 'Paragraph' at the specified place in the OMR Answer-Sheet in your own handwriting.

निम्नलिखित 'पैराग्राफ' को अपनी हस्तलिपि में ओ.एम.आर. उत्तर-पत्रक में दिये गये स्थान में लिखें।

Paragraph : One of the prime functions of justice is to deter future criminals from commiting crimes. Apart from doling out punishment to errant individuals for breaking the law, the courts must set an example of not tollerating criminals acts. Which is why it becomes imperative for justice to be seen to be done and a verdict to be delivered without inordinate delay.

[INSTRUCTIONS]

NK

(Please read carefully and comply)

1. Kindly read the complete set of instructions carefully and also see the instructions on the back side of the OMR Answer Sheet and fill the details in the OMR Answer Sheet and Question Booklet.

2. One paragraph English is given in page 1. Copying of the paragraph in the space provided in the OMR Answer Sheet in your running hand is compulsory. DO NOT USE **BLOCK** LETTERS.

3. (a) Question Booklet Serial No. must clearly be written and marked in the bubbles in the space provided in the OMR Answer Sheet.

   (b) OMR Sheet No. should be written in the space provided in the Question Booklet.

4. Only after being instructed to open the Booklet, the candidates will open the Blue seal. Check whether the booklet contains 100 questions and start the paper from page no. 8.

5. The question paper comprises 100 questions which are available in congruent versions of English, Hindi, Urdu, Telugu, Kannada and Marathi languages. In case of any doubt or confusion, English version shall prevail.

6. All questions are of Objective type. Ther is only one correct answer to each question carrying one mark. There will be negative marking for wrong answers. FOR EVERY WRONG ANSWER, 1/3 MARK WILL BE DEDUCTED.

7. In the event of any mistake in any question/s, candidates will not be penalized. However no corrections will be made in question/s during the examination.

8. You must use Blue or Black ball-point pen only for answering. Altering of answers once entered is not permissible. Enter the answers in the Answer Sheet carefully.

9. Rough work, if any may be done in the Question Booklet only in the space provided at the end of the Booklet. No additional paper shall be provided.

10. Use of Log tables, Calculator, Slide rule, Mobile phone, Pager, Digital diary or any other electronic item/instrument, etc. is not allowed. Their use will result in disqualification.

11. No candidate should leave the examination hall before the final bell. The Original Answer Sheet and Duplicate Answer Sheet should be handed over to the invigilator before leaving the Examination Hall. Those who do not hand over these will be disqualified.

SECTION - I
ENGLISH

1. As compared to pure water, a body in salty water will :

    (A) Sink more   (B) Sink less

    (C) Remain same   (D) Depends on the way the body is immersed

2. Which of the following is a colloidal solution ?

    (A) Vinegar solution   (B) Paint   (C) Muddy water   (D) Sugar solution

3. Which one of the following is correctly matched ?

    (A) Rabindranath Tagore - Nil Darpan

    (B) Dadabhai Naoroji - India Unrest

    (C) Dinbandhu Mitra - Godaan

    (D) Ramesh Chandra Dutt - Economic History of India

4. Which river is also referred as 'Dakshin Ganga' ?

    (A) Mahanadi   (B) Krishna   ( ) Cauvery   (D) Godavari

5. If KNIFE is coded as MPKHG, then what does the code DTGCF stand for ?

    (A) FVIEG   (B) FVIEH   (C) BREAD   (D) BRAED

6. During which administration was "Ashtapradhan Mandal" the name of Council of Ministers ?

    (A) Guptas   (B) Mauryas   (C) Kakatiyas   (D) Marathas

7. The Sarvodaya Movement was started by :

    (A) Mahatma Gandhi   (B) Jayprakash Narayan

    (C) Vinoba Bhav   (D) Jyotiba Phule

8. In the Indian Constitution, the power to issue a writ of "Habeas Corpus" is vested in :

    (A) Supreme court only   (B) High courts only

    (C) Subordinate courts   (D) Supreme court and High courts

9. A student was asked to divide a number by 3. But instead of dividing it he multiplied it by 3 and got 29.7. What was the correct answer ?

    (A) 3.3   (B) 3.9

    (C) 9.9   (D) None of the above

10. Where are Borra caves located ?

   (A) Odisha   (B) Madhya Pradesh

   (C) Maharashtra   (D) Andhra Pradesh

11. If the mass of a body is 'm' on the surface of the earth, its mass on the surface of the moon will be :

   (A) m/6   (B) m + 6   (C) m   (D) 6m

12. Which of the following is attracted by a magnet ?

   (A) Sulphur   (B) Iron filings

   (C) Iron Sulphide   (D) None of the above

13. What is the smallest number by which 3600 must be divided to make it a perfect cube ?

   (A) 45   (B) 50   (C) 300   (D) 450

14. Which organ of the body is affected by Leukoderma ?

   (A) Heart   (B) Kidney   (C) Lungs   (D) Skin

15. A rope makes 140 rounds of the circumference of a cylinder, the radius of whose base is 14 cm. How many times can the same rope go round a cylinder with radius 20 cm ?

   (A) 28   (B) 98

   (C) 116   (D) None of the above

16. Which of the following organization issued initial Public Offer norms for Life Insurance Companies ?

   (A) CRISIL   (B) SEBI   (C) RBI   (D) IRDA

17. Which among the following fighter plane is manufactured in France ?

   (A) Dassault Rafale   (B) MIG-35

   (C) Lockheed Martin   (D) None of the above

18. Who is the present Chairperson of National Commission for Women in India ?

   (A) Nirmala Samant Prabhavalkar   (B) Mamta Sharma

   (C) Jayanti Patnaik   (D) None of the above

19. A man completes a journey in 8 hours. He covers half the distance at 40 km/hr and the rest at 60 km/hr. The length of the journey is :

   (A) 450 km   (B) 420 km

   (C) 384 km   (D) None of the above

20. Which of the following is incorrect ?

    (A) S.K. Pottekkat - Telugu   (B) Tulsidas - Awadhi

    (C) Amitav Ghosh - English   (D) Akilan - Tamil

21. In which Governor - General's reign was the first train service started in 1853 ?

    (A) Lord William Bentick   (B) Lord Cornwallis

    (C) Lord Canning   (D) Lord Dalhousie

22. Token currency was introduced in India for the first time by :

    (A) Alau-din-Khilji   (B) Sher Shah Suri

    (C) Ghiyas-ud-din-Tughlaq   (D) Mohammad-bin-Tughlaq

23. Which of the following is incorrect ?

    (A) Jodhabai - Salim   (B) Manmati - Khurram

    (C) Jijabai - Shivaji   (D) Tarabai - Shahuji

24. Where was the first general Post Office opened in India ?

    (A) Delhi   (B) Mumbai (C) Kolkata   (D) None of the above

25. What type of the star is the SUN ?

    (A) Giant   (B) Supergiant

    (C) Dwarf   (D) None of the above

26. "Din-i-Ilahi" was founded by :

    (A) Guru Nanak Dev   (B) Kabir

    (C) Akbar   (D) Shah Jahan

27. In what ratio must a grocer mix two varieties of tea costing Rs. 15 and Rs. 20 per kg respectively so as to get a mixture worth Rs. 16.50 per kg ?

    (A) 3 : 7   (B) 5 : 7

    (C) 7 : 3   (D) None of the above

28. Who was the Prime Minister of Britain when India got the Freedom ?

    (A) Clement Atlee   (B) Winston Churchill

    (C) Neville Chamberlain   (D) None of the above

29. (0.07% of 1250) − (0.02% of 650) = ?

(A) 0.545   (B) 0.625

(C) 0.745   (D) None of the above

30. What does NASSCOM stand for ?

(A) National Association of Shares and Securities Companies

(B) National Association of Software and Service Companies

(C) National Agency of Secret Service Companies

(D) None of the above

31. The product of two positive numbers is 2500. If one is four times the other, then the sum of two numbers is

(A) 25   (B) 125

(C) 225   (D) None of the above

32. Shanti Swaroop Bhatnagar award is given for exemplary work done in the field of :

(A) Journalism   (B) Literature

(C) Science and Technology   (D) None of the above

33. The marked price of an object is Rs. 1920. The shopkeeper allows a discount of 10% and gains 8%. If no discount is allowed his gain percent would be :

(A) 18%   (B) 20%

(C) 22.5%   (D) None of the above

34. Which part of the Constitution of India refers to the responsibility of the state towards International Peace and Security ?

(A) Fundamental Rights   (B) Directive Principles

(C) Preamble   (D) None of the above

35. Who said the following lines about Gandhi-"The generation to come, it may be, scarcely believe that such a man as this, ever in flesh and blood, walked upon the earth".

(A) Leo Tolstoy   (B) Albert Einstein   (C) Bernard Shaw   (D) Bertrand Russell

36. Which state is bound by Bangladesh on three sides ?

(A) Mizoram   (B) Meghalaya   (C) Tripura   (D) West Bengal

37. Prithviraj Chauhan was defeated in the 2nd battle of Tarain by :
    (A) Babur
    (B) Mahmud Ghazni
    (C) Muhammad Ghori
    (D) Ibrahim Lodhi

38. Who won the Australian open women's singles championship held in January 2013 ?
    (A) Victoria Azarenka
    (B) Serena Williams
    (C) Maria Sharapova
    (D) Samantha Stosur

39. In which state is "Jaintia tribe" found ?
    (A) Meghalaya
    (B) Nagaland
    (C) Mizoram
    (D) Manipur

40. Who was the first Indian to be elected to the British House of Commons ?
    (A) Dadabhai Naoroji
    (B) Mahadev Govind
    (C) B.R. Ambedkar
    (D) Madan Mohan Malviya

41. What is the capital of Democratic Republic of Congo ?
    (A) Abuja
    (B) Kinshasa
    (C) Addis Ababa
    (D) Khartoum

42. Which country became the 156th member of WTO ?
    (A) Taiwan
    (B) Russia
    (C) Iran
    (D) None of the above

43. The Oscar winning film "Life of Pie" is based on the fantasy adventure by :
    (A) Mo Yan
    (B) Yann Martel
    (C) Vikas Swaroop
    (D) Herta Muller

44. What does the term "Fawazil" used during Sultanate period mean ?
    (A) Extra payments made to the Nobles
    (B) Revenue assigned in lieu of salary
    (C) Excess amount paid to the exchequer by Iqtadars
    (D) Illegal amount extracted from the peasants

45. Who was the first Woman Director General of Police in India ?
    (A) Kiran Bedi
    (B) Kanchan Choudhary Bhattacharya
    (C) Harita Kaul Dayal
    (D) None of the above

46. Who among the following decides whether a Bill is a Money bill ?
    (A) The Finance Minister   (B) The Chairman of the Rajya Sabha
    (C) The President of India   (D) The Speaker of the Lok Sabha

47. Which god do the "Varkaris" worship ?
    (A) Lord Vinayak   (B) Lord Vitthal
    (C) Lord Virupaksh   (D) None of the above

48. One year ago a man was 7 times as old as his son. Now his age is equal to the square of his son's age. The present age of the man is :
    (A) 36 years   (B) 49 years
    (C) 64 years   (D) None of the above

49. World Tourism day is observed on :   Correct Answer is September 27
    (A) 24th December   (B) 4th October (C) 24th September   (D) 6th September

50. Who was the first Muslim invader in India :
    (A) Changez Khan   (B) Muhammad Ghori
    (C) Muhammad-bin-Qasim   (D) Mahmud Ghazni

51. If COW is coded as 358, WORD is coded as 8571 and DRAW is coded as 1708 then COWARD will be coded as :
    (A) 358017   (B) 358071
    (C) 358077   (D) None of the above

52. A mixture of sand and salt can be separated by :
    (A) Sublimation
    (B) Sieving
    (C) Dissolving salt in water and then filtration
    (D) Dissolving salt in water and then distillation

53. The conversion of a solid directly into its vapour is called :
    (A) Evaporation   (B) Condensation   (C) Vaporisation   (D) Sublimation

54. The ratio of cost price and selling price of an article is 20 : 21. What is the profit percent on it ?
    (A) 5%   (B) 6.25%
    (C) 7.5%   (D) None of the above

55. Pulakesin II defeated Harsha on the banks of river :

(A) Mahanadi   (B) Tapti   (C) Godavari   **(D) Narmad a**

56. Buland Darwaza was built at Fatehpur Sikri by Akbar to commemorate :

(A) Birth of his son Salim   (B) His own Coronation

(C) Conquest of Deccan   **(D) Conquest of Gujarat**

57. Which fins do NOT help fish in balancing in water ?

(A) Dorsal   (B) Pelvic   (C) Anal   **(D) Tail**

58. In which list is 'Education' included in India ?

(A) Union list   (B) State list   **(C) Concurrent list**   (D) UGC list

59. The common Alum is :

(A) Potassium Alum   (B) Sodium Alum

(C) Ferro Alum   (D) Chrome Alum

60. How many times has the Indian Preamble been amended ?

(A) once   (B) twice   (C) thrice   (D) never

61. Which one of the following began with the Dandi March ?

(A) Home Rule Move ent   (B) Non - Cooperation Movement

(C) Civil Disobedience Movement   (D) Quit India Movement

62. Which region of India was ruled by Sultan Zain-ul-Abidin ?

(A) Assam   (B) Odisha   **(C) Kashmir**   (D) Bengal

63. Which of the following is the lowest ratio ?

(A) 7 : 13   (B) 17 : 25   **(C) 7 : 15**   (D) 15 : 23

64. The H.C.F. of two numbers is 11 and their L.C.M. is 7700. If one of the numbers is 275, the other is :

(A) 279   (B) 283

(C) 308   (D) None of the above

65. On applying a constant force to a body, it moves with uniform :

    (A) Momentum   (B) Speed   (C) Velocity   (D) Acceleratio

66. The persistence of sound in an auditorium is due to :

    (A) Single reflection of sound   (B) Repeated reflections of sound

    (C) Repeated refraction of sound   (D) Vibration of objects placed in the auditorium

67. Which among the following is NOT present in animal cell ?

    (A) Mitochondria   (B) Chloroplast

    (C) Nucleolus   (D) Plasma membrane

68. With which sports is the term "Grand Slam" associated ?

    (A) Hockey   (B) Cricket

    (C) Basketball   (D) Lawn tennis

69. If after 3 days of tomorrow is Friday, what day was three days before yesterday ?

    (A) Friday   (B) Thursday

    (C) Monday   (D) None of the above

70. Where is Java trench located ?

    (A) Pacific Ocean   (B) Atlantic Ocean   (C) Indian Ocean   (D) Antarctic Ocean

71. Tendon connects :

    (A) Bone to bone   (B) Muscles to bone

    (C) Muscles to   uscles   (D) Nerve to muscles

72. A, B, C started a shop by investing Rs. 27,000, Rs. 81,000 and Rs. 72,000 respectively. At the end of one yı ar, B's share of total profit was Rs. 36,000. What was the total profit ?

    (A) Rs. 116000   (B) Rs. 108000

    (C) Rs. 80000   (D) None of the above

73. 1, 3, 4, 5, 7, 9, 11, ____ .

    (A) 12   (B) 14

    (C) 15   (D) None of the above

74. 7, 20, 46, 98, 202, . .
    (A) 420   (B) 410
    (C) 380   (D) None of the above

75. The longest cell in human body is :
    (A) Skeletal cells (B) RBC   (C) Nerve cells (D) WBC

76. Jahangir's tomb is located in :
    (A) Agra   (B) Lahore   (C) Delhi   (D) Srinagar

77. "Ashtadhayi" was written by
    (A) Vedvyas   (B) Kalidas   (C) Panini   (D) Valmiki

78. A mixture of 40 litres of milk and water contains 10% of water. How much water should be added to this mixture so that the new mixture contains 20% water ?
    (A) 4 litres   (B) 5 litres
    (C) 7.5 litres   (D) None of the above

79. An ethnic group "Karen" can be found in which country ?
    (A) China   (B) Libya   (C) Myanmar   (D) Egypt

80. Group of cells having a common origin and performing similar functions are called :
    (A) Tissues   (B) Organs
    (C) Organ systems   (D) None of the above

81. Azad Hind Fauj was formed in 1943 in :
    (A) Mandalay   (B) Singapore   (C) Tokyo   (D) Kuala Lumpur

82. 'Triton' is the largest moon of which planet ?
    (A) Saturn   (B) Neptune   (C) Jupiter   (D) Uranus

83. "Commercial Papers" are issued by :
    (A) A Company to a Bank   (B) A Bank to a Company
    (C) Bank to Bank   (D) None of the above

84. The acid present in the stomach which helps in the digestion of food is :
    (A) Nitric acid   (B) Sulphuric acid
    (C) Hydrogen chloride   (D) None of the above

85. Which pair is NOT correctly matched ?
    (A) Pisciculture - Fish   (B) Sericulture - Earthworms
    (C) Green Revolution - Agriculture (D) White Revolution - Milk

86. Which of the following kingdoms was founded by Raja Odeyar ?
    (A) Tanjore   (B) Jenji   (C) Mysore   (D) Madurai

87. Price of 5 chairs and 2 tables is Rs. 1350. Two chairs cost as much as one table. What is the price of one chair and one table ?
    (A) Rs. 350   (B) Rs. 450   (C) Rs. 500   (D) Rs. 550

88. Which Sultan of Delhi fell to death while playing Chaugan ?
    (A) Iltutmish   (B) Balban
    (C) Sikandar Lodhi   (D) Qutub-ud-din-Aibak

89. In which country is Arakan Yoma, an extension of the Himalayan ranges situated ?
    (A) Pakistan   (B) Myanmar   (C) Nepal   (D) Bhutan

90. National Institute for the Visually handicapped is situated in :
    (A) Kolkata   (B) Hyderabad   (C) Dehradun   (D) Mumbai

91. "Sagar Purvi" and "Sagar Paschimi" are :
    (A) Coastal research vessels
    (B) Fisheries and Oceanographic vessels
    (C) Name of oil exploration vessels
    (D) None of the above

92. The famous "Hornbill Festival" is celebrated in which state ?
    (A) Mizoram   (B) Nagaland   (C) Assam   (D) Meghalaya

93. If 3 persons weave 336 shawls in 14 days, how many shawls will 8 persons weave in 5 days ?
    (A) 360   (B) 320
    (C) 180   (D) None of the above

94. If the mass of a solid is doubled, its density :

(A) becomes two times   (B) becomes half

(C) remains unchanged   (D) becomes four times

95. Fluid part of Blood after removal of Corpuscles is called :

(A) Vaccine   (B) Lymph   (C) Serum   (D) Plasma

96. Which of the following is correctly matched ?

(A) Trishul - surface to surface missile

(B) Prithvi - surface to air missile

(C) Nag - Anti tank missile

(D) Pinaka - light combat aircraft

97. Who among the following was not a slave before he became a king ?

(A) Qutub-ud-din-Aibak   (B) Iltutmish

(C) Alau-din-khilji   (D) Balban

98. Where was Shivaji born ?

(A) Raigad   (B) Shivneri   (C) Torna   (D) Panhala

99. Average of 15 numbers is 7. Out of them the average of first 8 numbers is 6.5 and the average of last eight numbers is 9.5. The middle number is :

(A) 21   (B) 22

(C) 23   (D) None of the above

100. Sheikh Nizamuddin Auliya was the disciple of :

(A) Sheikh Alauddin Sabir   (B) Khwaja Moinuddin Chisti

(C) Baba Farid   (D) Sheikh Ahmad Sirhind

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