

Railway Recruitment Cell, Bhubaneswar

Group - D

Held on 08-12-2013

Section - I

1. The council of the "nine gems" is associated with _____
(A) Ballal Sena (B) Harshavardhana
(C) Chandragupta II (D) Devapala
2. Who said, "Ram and Rahim are the two different names of the same God" ?
(A) Kabir (B) Ramdas
(C) Chaitanya (D) Ramanuja
3. The term congress was derived from _____
(A) The history of North America
(B) Irish history
(C) British common wealth
(D) The name of the American parliament (congress)
4. Which one among the following was not a demand of the Prarthana Samaj ?
(A) Women education
(B) Abolition of untouchability
(C) Raising the age of marriage for boys and girls
(D) Widow remarriage
5. The capital city of the Pallavas was –
(A) Vatapi (B) Kanchipuram
(C) Madurai (D) Mahabalipuram

(Space For Rough Work)

6. Who is the Chief Law Officer of India ?

- (A) Secretary, Law Department (B) Attorney General
(C) Advocate General (D) Solicitor General

7. Which of the following Committees are Committees of Parliament ?

1. Public Accounts Committee
2. Estimates Committee
3. Committee on Public Undertakings

Select the correct answer using the code given below :

- (A) 1, 2 and 3 (B) 1 and 2 only
(C) 1 and 3 only (D) 2 and 3 only

8. Who amongst the following is the Regulator of Insurance sector in India ?

- (A) IRDA (B) SEBI
(C) AMFI (D) RBI

9. Moon is a –

- (A) Star (B) Satellite
(C) Planet (D) Meteorite

10. Dear Money Policy implies :

- (A) High price level (B) Large money supply
(C) High production (D) High interest rates

(Space For Rough Work)

11. All living beings are made up of one or more basic units _____ .
- (A) Tissues (B) Organs
(C) Cells (D) Limbs
12. Malaria is caused by _____ .
- (A) Female Anopheles Mosquito
(B) Male Anopheles Mosquito
(C) Female culex Mosquito
(D) Male culex Mosquito
13. Which of the following is not required for Photosynthesis ?
- (A) Oxygen (B) Sunlight
(C) Carbon dioxide (D) Water
14. Richest source of Vitamin A is _____ .
- (A) Citrus fruits (B) Carrot
(C) Spinach (D) Legumes
15. Red rot of sugarcane is caused by _____ .
- (A) Bacteria (B) Fungus
(C) Virus (D) Nematode

16. Zoology means study of _____.
- (A) Zoo (B) Life sciences
(C) Zoo authorities (D) Animals
17. An adult person has _____ litres of blood in his body.
- (A) 5-6 (B) 6-7
(C) 4-5 (D) 7-8
18. Skin is the respiratory Organ of _____.
- (A) Man (B) Earthworm
(C) Snake (D) Frog
19. _____ is the organizing and processing centre in our body.
- (A) Heart (B) Lungs
(C) Brain (D) Stomach
20. The vaccine for Small-pox was discovered by _____.
- (A) Louis Pasteur (B) Alexander Fleming
(C) Edward Jenner (D) Robert Edwin

(Space For Rough Work)

21. 13 years back, my father was thrice my age and two years back he was twice my age. The present age of my father is –
- (A) 58 (B) 46
(C) 28 (D) 24
22. The average age of our family of four is 35. Excluding me the average age is 40. Find my age –
- (A) 22 (B) 25
(C) 20 (D) 15
23. In a cricket match, Rohit scored a century with 13 boundaries and 3 sixers. What percentage of runs did he make by running between the wickets.
- (A) 70% (B) 50%
(C) 35% (D) 30%
24. A 5 cm cube is cut into 1 cm cubes. Find the percentage increase in surface area after such cutting.
- (A) 150% (B) 600%
(C) 500% (D) 400%
25. A sum of money amounts to Rs. 49,400 in 3 years and Rs. 50,400 in 5 years at the same rate of simple interest. The rate of interest per annum is –
- (A) 10% (B) 9%
(C) 9.6% (D) 8%

(Space For Rough Work)

26. A boat is rowed downstream at 15.5 km/hr and upstream at 8.5 km/hr. The speed of the stream is –
- (A) 3.5 km/hr (B) 5.75 km/hr
(C) 6.5 km/hr (D) 7 km/hr
27. How many times do the hands of a clock coincide in a day?
- (A) 20 (B) 21
(C) 22 (D) 24
28. Today is Monday. After 61 days, it will be –
- (A) Wednesday (B) Saturday
(C) Tuesday (D) Thursday
29. In covering a distance of 30 km, Abhay takes 2 hours more than Sameer. If Abhay doubles his speed, then he would take 1 hour less than Sameer. Abhay's speed is –
- (A) 5 kmph (B) 6 kmph
(C) 6.25 kmph (D) 7.5 kmph
30. If 60% of $\frac{3}{5}$ of a number is 36, then the number is –
- (A) 80 (B) 100
(C) 75 (D) 90

(Space For Rough Work)

31. A dishonest milkman professes to sell his milk at cost price but he mixes it with water and thereby gains 25%. The percentage of water in the mixture is –
- (A) 4% (B) $6\frac{1}{4}\%$
(C) 20% (D) 25%
32. A goods train runs at the speed of 72 kmph and crosses a 250 m long platform in 26 seconds. What is the length of the goods train ?
- (A) 230 m (B) 240 m
(C) 260 m (D) 270 m
33. Find the odd one in the series :
3, 5, 7, 12, 17, 19
- (A) 19 (B) 17
(C) 5 (D) 12
34. A and B can do a work in 8 days, B and C can do the same work in 12 days. A, B and C together can finish it in 6 days. A and C together will do it in –
- (A) 4 days (B) 6 days
(C) 8 days (D) 12 days
35. A and B started a business in partnership investing Rs. 20,000 and Rs. 15,000 respectively. After six months, C joined them with Rs. 20,000. What will be B's share in total profit of Rs. 25,000 earned at the end of 2 years from the starting of the business ?
- (A) Rs. 7,500 (B) Rs. 9,000
(C) Rs. 9,500 (D) Rs. 10,000

(Space For Rough Work)

36. Three coins are tossed. Find the probability of getting two heads and a tail.
- (A) $\frac{1}{4}$ (B) $\frac{5}{8}$
(C) $\frac{3}{8}$ (D) $\frac{3}{4}$
37. A pump can fill a tank with water in 2 hours. Because of a leak, it took $2\frac{1}{3}$ hours to fill the tank. The leak can drain all the water of the tank in –
- (A) $4\frac{1}{3}$ hours (B) 7 hours
(C) 8 hours (D) 14 hours
38. A shopkeeper sells one transistor for Rs. 840 at a gain of 20% and another for Rs. 960 at a loss of 4%. His total gain or loss per cent is –
- (A) $5\frac{15}{17}$ % loss (B) $5\frac{15}{17}$ % gain
(C) $6\frac{2}{3}$ % gain (D) None of these
39. A box contains 2 white balls, 3 black balls and 4 red balls. In how many ways can 3 balls be drawn from the box, if at least one black ball is to be included in the draw ?
- (A) 32 (B) 48
(C) 64 (D) 96
40. Five bells commence tolling together and toll at intervals of 2, 5, 6, 8 and 9 seconds respectively. How many times do they toll together in a hour ?
- (A) 11 (B) 12
(C) 10 (D) 6

(Space For Rough Work)

41. Bowman's capsule is a part of _____ .
- (A) Kidney (B) Heart
(C) Liver (D) Brain
42. _____ is the biggest cell in a human body.
- (A) Muscle cell (B) Sperm cell
(C) Egg cell (D) Nerve cell
43. _____ is the basic unit of inheritance.
- (A) Cell (B) Gene
(C) Sperm (D) Blood
44. Intermolecular force of attraction is maximum in _____ .
- (A) solids (B) liquids
(C) gases (D) plasma particles
45. The speedometer of a car measures _____ .
- (A) acceleration (B) average speed
(C) instantaneous speed (D) none of these

(Space For Rough Work)

51. For determining the melting point of ice, the thermometer should be kept _____ .
- (A) With its bulb in the ice cubes
(B) In contact with the inner wall of the beaker
 (C) A little above the ice cubes
(D) In touch with the beaker from outside
52. The colour of sodium chloride and ammonium chloride respectively is _____ .
- (A) Yellow and white
(B) White and yellow
 (C) Both are white
(D) Grey and yellow
53. _____ acid is present in vinegar.
- (A) Bromic
(B) acetic
(C) chloric
(D) nitric
54. Natural gas, petroleum and coal are _____ .
- (A) Fossil fuels
(B) pesticides
(C) germicides
(D) fertilisers
55. _____ is a device used to convert chemical energy into electrical energy.
- (A) Dynamo
(B) motor
(C) inverter
 (D) battery

(Space For Rough Work)

56. Sudarshan Pattnaik is a famous personality in which among the following field ?
- (A) Dance (B) Sand art
(C) Music (D) Sports
57. Hathigumpha inscription at Udayagiri is related to –
- (A) Satakarni (B) Kharavela
(C) Chandragupta (D) Pusyamitra
58. Who was the Chairman of Hindu Mahasabha when it constituted in Odisha in 1922 ?
- (A) Madhu Babu (B) Gopabandhu
(C) Harekrushna Mahatab (D) Surendra Nath Das
59. In which year Gopabandhu constituted Biswasikhya Parishad ?
- (A) 1900 (B) 1908
(C) 1906 (D) 1910
60. Which of the following is the largest river of Odisha ?
- (A) Subernarekha (B) Mahanadi
(C) Brahmani (D) Vasundhara

(Space For Rough Work)

61. Name the two PSUs, which were granted the Maharatna status by the Union Government of India in February 2013 ?
- (A) ONGC and NTPC (B) BHEL and GAIL
(C) ONGC and GAIL (D) Coal India and SAIL
62. Who has won the "Entrepreneur of the Decade" award conferred by All India Management Association (2013) in New Delhi ?
- (A) Mr. Ratan Tata (B) Mr. Narayan Murti
(C) Mr. Mukesh Ambani (D) Mr. Sunil Mittal
63. Who is the winner of prestigious Jnanpith award for the 2012 ?
- (A) Amar Kant (Hindi)
(B) Dr. Ravuri Bharadwaja (Telugu)
(C) Pratibha Ray (Odia)
(D) Shrilal Shukla (Hindi)
64. "Vachaspati Puraskars" are given by the –
- (A) Madhya Pradesh Government
(B) Uttar Pradesh Hindi Academy
(C) Birla Foundation
(D) None of these
65. RGAUD (Rajiv Gandhi Akshay Urja Diwas) i.e., Rajiv Gandhi Renewable Energy Day, Sadbhavana Day is celebrate each year on the birth day of ex. PM Rajiv Gandhi. His birth day is on –
- (A) 20th November (B) 20th December
(C) 20th August (D) 20th October

(Space For Rough Work)

66. Who amongst the following Indians has featured in the list of "World's 100 most influential Women", selected by the "Time" Magazine ?
- (A) Mamata Banerjee (B) Sania Mirza
(C) Jaya Bachchan (D) Pratibha Patil
67. ISRO recently gave clearance for using which frequency band from satellite for internet on trains ?
- (A) C Band (B) KU Band
(C) S Band (D) 3G Spectrum
68. One of the State Governments in India has declared tea as the "State Drink" to encourage tea farmers. The State is -
- (A) Assam (B) Kerala
(C) West Bengal (D) Tamil Nadu
69. Who is the chairman of Fourteenth Finance Commission ?
- (A) Prof. Abhijit Sen (B) Dr. Y. V. Reddy
(C) Ms. Sushma Nath (D) Dr. M. Govinda Rao
70. The Eleventh 'Five-Year Plan' of India is for the Five years ranging from ?
- (A) 2007-2012 (B) 2009-2014
(C) 2008-2013 (D) None of these

(Space For Rough Work)

71. The newly proposed State of Telangana consists of _____ districts.
- (A) 6 (B) 10
(C) 8 (D) 9
72. The objective of the Food Security Bill which has been recently passed is –
- (A) to uplift the poor
(B) to give free food to the poor
(C) to provide subsidised foodgrains to 2/3rd population of India as their right
(D) to give security to the food being stored
73. Who is the author of the book 'Beyond the lines : An Auto-biography' ?
- (A) Sharad Pawar (B) Khushwant Singh
(C) Kuldeep Nayar (D) General J. J. Singh
74. The capital of Syria is –
- (A) Durban (B) Lebanon
(C) Damascus (D) Beirut
75. 'NGRBA' which was recently in news stands for –
- (A) National Gangotri River Basin Authority
(B) National Godavari River Basin Authority
(C) National Ganga River Basin Authority
(D) None of the above

76. Who is the author of the book 'Turning Point – A Journey Through Challenges' ?
- (A) A. P. J. Abdul Kalam (B) Hamid Ansari
(C) Jaswant Singh (D) None of the above
77. Vedanta Alumina is a company operating in the area of –
- (A) Mining (B) Textiles
(C) Banking (D) Cement
78. The distance between the rails in broad gauge is –
- (A) 1 meter (B) 0.676 meters
(C) 1.676 meters (D) 1.767 meters
79. Kudankulam Nuclear Power Plant is being established in –
- (A) Tamil Nadu (B) Karnataka
(C) Kerala (D) Andhra Pradesh
80. Who has been appointed as new Chief Minister of Karnataka on 10 May, 2013 ?
- (A) C. P. Joshi (B) Rahul Gandhi
(C) K. Siddaramaiah (D) Manish Tiwari

(Space For Rough Work)

81. In a 100 m race, A beats B by 10 m and C by 13 m. In a race of 180 m, B will beat C by –
- (A) 5.4 m (B) 4.5 m
(C) 5 m (D) 6 m
82. If 40% of a number is equal to two-third of another number, what is the ratio of first number to the second number ?
- (A) 2 : 5 (B) 3 : 7
(C) 5 : 3 (D) 7 : 3
83. Look at this series :
- 12, 32, 72, 152, _____
- What number should come next ?
- (A) 312 (B) 325
(C) 515 (D) 613
84. ELFA, GLHA, ILJA, _____, MLNA
- (A) OLPA (B) KLMA
(C) LLMA (D) KLLA
85. How is my sister's daughter's maternal grandfather related to me ?
- (A) Father (B) Uncle
(C) Paternal grandpa (D) Maternal grandpa

(Space For Rough Work)

86. Tungabhadra is a tributary of –

(A) Cauvery river

(B) Godavari river

(C) Mahanadi river

(D) Krishna river

87. The western coasts of India receive very high rainfall in summer mainly due to –

(A) Tropical location

(B) Himalayas

(C) Nearness to sea

(D) Western Ghats

88. The layer of the atmosphere which provides ideal flying conditions for large jet aeroplanes is –

(A) Ionosphere

(B) Exosphere

(C) Troposphere

(D) Stratosphere

89. Panna diamond mines are located in –

(A) Bihar

(B) Rajasthan

(C) Uttar Pradesh

(D) Madhya Pradesh

90. Mudumalai Sanctuary is famous for –

(A) Bisons

(B) Birds

(C) Elephants

(D) Tigers

(Space For Rough Work)

91. The largest continent in terms of area is –

- (A) Africa (B) Asia
(C) Australia (D) North America

92. Which one is not a port on the east coast ?

- (A) Kolkata (B) Paradeep
(C) Visakhapatnam (D) Cochin

93. Which of the following is the poorest State in India ?

- (A) Odisha (B) Bihar
(C) U.P. (D) M.P.

94. Which of the following gives the maximum production of edible oil ?

- (A) Ground nut (B) Mustard
(C) Rapeseed (D) Sunflower

95. Name the most cyclone prone area of India.

- (A) Coastal Odisha (B) Coastal Kerala
(C) Coastal Maharashtra (D) Coastal Gujarat

(Space For Rough Work)

96. Excess population can become human capital if the investment made is in the form of _____ .
- (A) Health and capital
(B) Education, training and medical care
(C) Skill and productive knowledge
(D) All of the above
97. The Prime Minister –
- (A) Is the Head of Government
(B) Is the Leader of Lok Sabha
(C) May change the portfolios of Ministers at will
(D) May do all the above
98. National Emergency has been declared so far –
- (A) Once
(B) Twice
(C) Thrice
(D) Four times
99. Indian constitution recognizes minorities on the basis of _____ .
- (A) religion
(B) caste
(C) population
(D) colour
100. Buddha has been described as “an Ocean of Wisdom and Compassion” in _____ .
- (A) Jataka tales
(B) Amarakosa
(C) Buddhacharitha
(D) The light of Asia

(Space For Rough Work)