
RRB BANGALORE TC/CC/JUNIOR ACCOUNTANT/CLERK ETC. EXAM

Held on 20.08.2006

(Based on Memory)

1. A ball tied with a string to a rotating shaft revolves at uniform speed. As the shaft is suddenly brought to rest the string starts getting round the shaft with the angular velocity of the ball :
 - (a) increasing
 - (b) decreasing
 - (c) remaining constant
 - (d) becoming zero

2. If an apple is released from an orbiting spaceship, it will :
 - (a) fall towards the earth
 - (b) move along with spaceship at the same speed
 - (c) move at a higher speed
 - (d) move at a lower speed

3. What happens when water is cooled from 8°C to 0°C?
 - (a) Its volume decreases uniformly, becoming minimum at 0°C.
 - (b) Its density increases uniformly, attaining maximum value at 0°C.
 - (c) Its volume decreases upto 4°C and then increases.
 - (d) Its density decreases upto 4°C and then increases.

4. During summer, we feel comfortable under a fan because it:
 - (a) throws cool air on us
 - (b) sets the air in motion, thereby increasing the evaporation of sweat.
 - (c) produces convection currents
 - (d) produces air which carries heat away from the body

5. Light waves are different from sound waves in that:
 - (a) light waves are electromagnetic but sound waves are not
 - (b) light waves can travel through water but sound waves cannot
 - (c) light travels with the same speed in all media
 - (d) light waves produce interference but sound waves do not

6. Which planets do not have satellites revolving around them?
 - (a) Mars and Venus
 - (b) Mercury and Venus
 - (c) Mars and Mercury
 - (d) Neptune and Pluto

7. The 'absolute zero of temperature' is:
 - (a) the starting point of any scale of temperature
 - (b) the lowest temperature that is theoretically possible
 - (c) the temperature at which the vapours of all liquid substances freeze
 - (d) the temperature at which all substances exist in the vapour phase

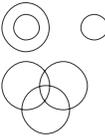
8. Heavy water :
 - (a) contains more dissolved air
 - (b) contains more dissolved minerals and salts
 - (c) contains deuterium in place of hydrogen
 - (d) contains organic impurities

9. Animal charcoal is obtained by
 - (a) the destructive distillation of bones
 - (b) burning the bones of animals in contact with air
 - (c) burning the flesh of animals
 - (d) burning the bones of animals out of contact with air

10. Polythene is industrially prepared by the polymerization of
(a) Methane (b) Acetylene
(c) Ethylene (d) Ethane
11. 'Fixation of nitrogen' implies:
(a) the liquefaction of nitrogen
(b) the conversion of atmospheric nitrogen into useful compounds
(c) the conversion of nitrogen into amines
(d) the solidification of nitrogen gas of the atmosphere
12. Oxidation is a process which involves:
(a) the loss of electrons
(b) the gain of hydrogen
(c) the gain of electrons
(d) no change in electrons
13. Fill in the blank with appropriate adjective.
Do you have _____ tea in the pot?
(a) any (b) some
(c) few (d) none
14. What are potato ores?
(a) Nodules on the sea bed containing a variety of minerals
(b) Seed potato grown in Himachal Pradesh
(c) Iron ore having in large concentration in Sulphur
(d) Ores of nuclear minerals
15. What is Orissa known for?
(a) A new refinery
(b) Thermal power station
(c) An upcoming aluminium plant
(d) Bird sanctuary
16. Where are diesel locomotives manufactured?
(a) Chittaranjan (b) Varanasi
(c) Bhopal (d) Jamshedpur
17. On which river is the Nagarjunasagar Project located?
(a) Krishna (b) Godavari
(c) Kaveri (d) Tapi
18. What is Operation Flood concerned with?
(a) Flood Control
(b) The provision of irrigation facilities
(c) The creation of buffer stocks of food grains
(d) Improving the availability of milk in the cities
19. In which area is the *decodar* tree commonly found?
(a) Tropical evergreen forests (b) Tropical deciduous forests
(c) Thorn forests (d) Alpine forests
20. KP canal joins:
(a) Andhra Pradesh and Karnataka
(b) Andhra Pradesh and Tamil Nadu
(c) Karnataka and Tamil Nadu
(d) Andhra Pradesh and Orissa

21. The International Labour Organisation is headquartered at:
(a) Zeneva (b) New York
(c) Rome (d) None of these
22. *Yokshagan* is the folk dance of:
(a) Tamil Nadu (b) Kerala
(c) Karnataka (d) Andhra Pradesh
23. Mac-Mohan-line is an international border line between:
(a) Pakistan and Afghanistan (b) India and China
(c) India and Pakistan (d) India and Nepal
24. Vaccination is invented by:
(a) Edward Jennar (b) Lewis Pastuer
(c) Wating (d) None of these
25. Basket Ball team has _____ number of players.
(a) 5 (b) 6
(c) 7 (d) 8
26. The strength of the legislative council of a state cannot exceed _____ of the membership of the legislative assembly.
(a) one-half (b) one-third
(c) one-fourth (d) one-fifth
27. The Chief Justice and other Judges of the High court retire at the age of:
(a) 60 years (b) 62 years
(c) 65 years (d) 70 years
28. Which of the following statements correctly describes 'a hung parliament' ?
(a) A parliament in which no party has a clear majority
(b) The Prime Minister has resigned but the parliament is not dissovled.
(c) The parliament lacks the quorum to conduct business.
(d) None of these.
29. The final authority to make a proclamation of emergency rests with:
(a) The Parliament (b) The President
(c) Council of Ministers (d) The Prime Minister
30. Planets are:
(a) luminous bodies which twinkle.
(b) non-luminous bodies which twinkle.
(c) luminous bodes which don't twinkle.
(d) non-luminous bodes which don't twinkle.
31. If you move towards a mirror at the speed of 10 cm/s, then your image will approach you at the speed of:
(a) 5 cm/s (b) 10 cm/s
(c) 20 cm/s (d) Data inadequate
32. In outer space a spaceman:
(a) cannot see stars during daytime.
(b) cannot see stars at all.
(c) can see stars during day-time opposite sun.
(d) can see stars during day time in all directions.

33. The soap bubbles look coloured when viewed in white light due to:
(a) scattering of light by thin layer
(b) interference of light by thin layer
(c) transmission of light
(d) characteristics of the colours of soap-solution
34. Which of the following devices changes the electrical energy into mechanical energy?
(a) Dynamo (b) Electric motor
(c) Inductor (d) Rectifier
35. The function of a moderator in a nuclear reactor is to:
(a) moderate the number of secondary neutrons
(b) moderate the velocity of secondary neutrons
(c) increase the number of fissionable nuclei
(d) control the fission reaction
36. The bleaching agent of the colour of the clothes is:
(a) Sodium chloride (b) Sulphur dioxide
(c) Carbon dioxide (d) Sulphur trioxide
37. Emerald is formed of:
(a) Berilium (b) Chromium
(c) Aluminium (d) Magnesium
38. On February 20, 1947, British Prime Minister announced the decision of British Government to leave India till -
(a) August 1947 (b) January 1948
(c) June 1948 (d) August 1948
39. The objective of Red Shirts movement was:
(a) Creation of independent Pakhtunistan
(b) Creation of Pakistan
(c) Activities of trade unions in India
(d) Free India from the British
40. Find the oddman out of the following sites of Harappa civilization?
(a) Kalibanga (b) Mohanjodaro
(c) Lothal (d) Surkotada
41. In the world congress of religions in Chicago in 1893 who represented India?
(a) Dadabhai Naoroji (b) Swami Dayanand
(c) Swami Vivekananda (d) Ramkrishna Paramhans
42. Babur was cremated in _____ as he desired.
(a) Kabul (b) Peshawar
(c) Delhi (d) Agra
43. The SWADESHI movement in India was started during -
(a) Champaran Satyagraha of Gandhi
(b) Movement against partition of Bengal
(c) Movement against Rowllat Act
(d) First non-cooperation movement in 1919-22
44. The river strait of Niger river is
(a) Arctic Ocean (b) Bay of Mexico

- (c) Gulf of Guinea (d) None of these
45. The Annapurna mountain peak is situated to -
(a) India (b) Nepal
(c) China (d) Pakistan
46. Victoria island is situated in -
(a) Arctic Ocean (b) Indian Ocean
(c) North Atlantic Ocean (d) Pacific Ocean
47. Dr. S. Radha Krishnan was _____
(a) First President of India
(b) First Education Minister
(c) First Speaker of Indian Parliament
(d) First Vice-President of India
48. Apsara is a:
(a) Nuclear reactor (b) Nuclear submarine
(c) Tank carrier submarine (d) Mountain peak
49. The first Indian pilotless rocket is:
(a) Luna-9 (b) Apollo
(c) Luna-10 (d) Lakshya
50. The famous Vishwanath temple is situated in -
(a) Puri (b) Pachmarhi
(c) Varanasi (d) Ellora
51. Gomateshwar statue is situated in -
(a) Subramanyam road (b) Shrawanvelgola
(c) Ellora (d) Kolkata
52. Who is known as Gandhi of Bihar?
(a) Dr. Rajendra Prasad (b) M.K.Gandhi
(c) Khan Abdul Gafar Khan (d) Lal Bahadur Shastri
53. Which one of the following Venn-diagrams best illustrates the three classes : Rhombus, Quadrilaterals, Polygons?
- (a)  (b) 
- (c)  (d) 
54. How many even numbers are there in the following sequence of numbers which are immediately followed by an odd number as well as immediately preceded by an even number?
8 6 7 6 8 9 3 2 7 5 3 4 2 2 3 5 5 2 2 8 11 9
(a) Three (b) Five
(c) Six (d) None of these
55. In a row of girls, Shilpa is eighth from the left and Reena is seventeenth from the right. If they interchange their positions. Shilpa becomes fourteenth from the left. How many girls are there in the row?
(a) 25 (b) 27
(c) 29 (d) None of these

56. Kailash remembers that his brother Deepak's birthday falls after 20th May but before 28th May. While Geeta remembers that Deepak's birthday falls before 22nd May and after 12th May. On what date Deepak's birthday falls?
- (a) 20th May (b) 21st May
(c) 22nd May (d) Cannot be determined

57. If \times means $+$, $-$ means \times , $+$ means $+$, and \div means $-$, then $(3 - 15 \div 19) \times 8 + 6 = ?$
- (a) 8 (b) 8
(c) 2 (d) -1

58. Arrange the following in a meaningful order:
Doctor, Fever, Medicine, Medical shop
- (a) Medicine, Doctor, Medical shop, Fever
(b) Doctor, Medical shop, Medicine, Fever
(c) Fever, Doctor, Medical shop, Medicine
(d) Medical shop, Medicine, Fever, Doctor

59. Out of the questions solved by a student the number of incorrect solutions was twice the correct answers. He solved 48 questions. How many answers were correctly solved?
- (a) 12 (b) 16
(c) 24 (d) 18

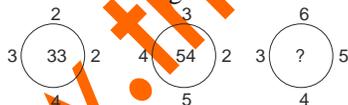
60. People and horses in the same number were going some-where. Half of the owners were riding their horses and the remaining were walking on foot with the horses. If the total number of feet of walkers was 70. How many were the horses?
- (a) 10 (b) 12
(c) 14 (d) 16

61. **Directions:** Study the arrangement and select the missing number.

28	60	48
5	6	7
14	39	27
7	?	16

- (a) 18 (b) 23
(c) 27 (d) 27

62. Find the missing number.



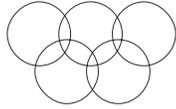
- (a) 78 (b) 82
(c) 94 (d) 86

63. Find the missing number.



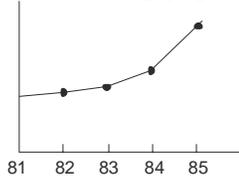
- (a) 4 (b) 305
(c) 343 (d) 729

64. The given figure is a symbol of:



- (a) FBI (b) Radio
(c) Olympics (d) CBI

65. The following graph shows



- (a) Low growth
(b) Constant growth
(c) First moderate then more growth
(d) Fall in price

66. A man is walking in a rectangular field whose perimeter is 6 km. If the area of rectangular field be 2 sq.km then what is the difference between the length and breadth of the rectangular?

- (a) $\frac{1}{2}$ km (b) 1 km
(c) $1\frac{1}{2}$ km (d) 2 km

67. If a watch runs 5 minutes fast every hour, then the angle traversed by a second hand in one minute is:

- (a) 360° (b) 360.5°
(c) 390° (d) 380°

Directions (68-69): Find the oddman out.

68. (a) Mahanadi (b) Cauvery
(c) Narmada (d) Krishna

69. (a) Yuri Gagarin (b) Rakesh Sharma
(c) Neil Armstrong (d) Edmund Hillary

70. 563, 647, 479, 815, (----)
(a) 672 (b) 386
(c) 279 (d) 143

71. 2, 6, 12, 20, 30, 42, 56, (----)
(a) 60 (b) 64
(c) 70 (d) 72

72. If FRIEND is coded as HUMJTK, how is CANDLE written in that code?

- (a) EDRIRL (b) DCQHJK
(c) ESJFME (d) FYBOC

73. In a certain code, INSTITUTION, is written as NOITUTITSNI. How is PERFECTION written in that code?

- (a) NOICTEFREP (b) NOITCEFERP

- (c) NOITCFRPE (d) NOITCEFREP

74. If water is called blue, blue is called red, red is called white, white is called sky, sky is called rain, rain is called green and green is called air, which of the following is the colour of milk?
(a) Air (b) Green
(c) White (d) Sky
75. A man said to a lady, "Your mother's husband's sister is my aunt." How is the lady related to the man?
(a) Daughter (b) Mother
(c) Sister (d) Aunt

Directions (76-78): Read the following information and answer the questions given below it.

Six students A, B, C, D, E and F are sitting in the field. A and B are from Nehru House while the rest belong to Gandhi House. D and F are tall while the others are short. A, C and D are wearing glasses while the others are not.

76. Which two students who are not wearing glasses are short?
(a) A and F (b) C and E
(c) B and F (d) E and F
77. Which short student of Gandhi House is not wearing glasses?
(a) F (b) E
(c) B (d) A
78. Which tall student of Gandhi House is not wearing glasses?
(a) B (b) C
(c) F (d) E

Directions (79-83): Read the following information carefully and answer the questions:

- (i) P, Q, R, S, T and U are the six members of a family in which there are two married couples.
(ii) Teacher T, is married to a doctor who is mother of R and U.
(iii) Lawyer Q is married to P.
(iv) P has a son and a grandson.
(v) Out of the two married women one is a house wife.
(vi) There are one student and a male engineer in the family.

79. How is P related to R?
(a) Material father (b) Mother
(c) Sister (d) Grand mother
80. Who is the house wife?
(a) P (b) Q
(c) S (d) None of these
81. How is R related to U?
(a) Brother (b) Sister
(c) Brother or sister (d) Information inadequate
82. Which of following groups denote the female group?
(a) PSR (b) PSU
(c) QTR (d) Information inadequate
83. Which of the following is correct with respect to grand daughter in the family?

- (a) He is a lawyer (b) She is a student
(c) He is an engineer (d) Information inadequate
84. The appropriate meaning of IMPAIR is:
(a) separate (b) make amends
(c) make worse (d) falsify
85. The appropriate meaning of SUBLIME is:
(a) unconscious (b) respected
(c) exalted (d) sneaky
86. The opposite meaning of ANOMALY is:
(a) desperation (b) requisition
(c) registry (d) regularity
87. The opposite meaning of BEAUTIFY is:
(a) disfigure (b) horrify
(c) magnify (d) stupefy
88. Given one word for 'A number of thing together':
(a) assemblage (b) series
(c) appendage (d) serial
89. Give one word for 'A document written by hand':
(a) profile (b) back
(c) manuscript (d) red-tape
90. The meaning of the phrase 'To set the people by ears' is:
(a) to punish heavily (b) to insult and disgrace people
(c) to box the people (d) to excite people to a quarrel
91. The meaning of the phrase 'To wash dirty linen in public' is:
(a) to quarrel in the open
(b) to do some ugly work in public
(c) to discuss dirty and scandalous matters of personal nature in the presence of strangers
(d) to wash one's clothes in the open

Directions (92-93): Fill in the blanks to complete the sentence.

92. Gita bought a saree which _____ two hundred rupees.
(a) costed (b) cost
(c) had costed (d) was costed
93. As soon as the monsoon _____ transport in the inner city becomes more and more difficult.
(a) have started (b) had started
(c) started (d) starts

Directions (94-95): Detect the word with incorrect spelling from the given choices.

94.
(a) Silent (b) Silence
(c) Prefer (d) Preference
95.
(a) Allusion (b) Alluminium
(c) Allurement (d) Alignment

Directions (96-97): Choose the word with correct spelling:

96. (a) Commition (b) Commission
(c) Comission (d) Commision
97. (a) Pneumonia (b) Neumonia
(c) Pnuemonia (d) Pnemonia

Directions (98-99): Fill in the blanks with appropriate article:

98. God made country _____ man made town.
(a) an (b) a
(c) the (d) no article
99. Do you intend to travel by the water or by _____ land?
(a) an (b) a
(c) the (d) no article

Directions (100): Find the mistake in the appropriate part of given sentence. In case there is no mistake, choose option (4).

100. The master of a ship /(1), are still seen /(2), in the place where it sank /(3), No error /(4).

ANSWERS

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