RRB GROUP D

TEST SERIES



INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set - 30

QUESTION- 100

MARKS- 100

NEGATIVE MARK- 0.33

DURATION- 90 MIN.

- Use only ball pens with black or blue ink
- 2. As soon as the examination starts, you must check this question booklet and if there is any unprinted, mutilated or partially printed page or question in it, then replace it with the correct question booklet through the examiner.
- There are a total of 100 questions in this question booklet.
- 4. This is an objective test, in which four options are given for the answer to each question, you have to choose only one option with the correct answer out of these four options.
- Answers to all questions are to be written on separate answer sheets.

- 6. Instructions for filling the answer sheet are written on the back side of the answer sheet, read them carefully before filling the answer sheet.
- 7. Blank pages are available in this question booklet for rough work.
- 8. Candidates cannot leave the room before the end of the examination.
- After the examination is over, you can go out only with his permission after submitting the ORIGINAL COPY of the answer sheet to the invigilator.
- 10. After the completion of the examination, the candidate is allowed to take the question booklet and answer sheet with him/her.
- 11. 1 marks will be given for each correct answer and 0.33 marks will be deducted for each wrong answer.

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10. Which one of the following is a bisexual?

(c) Both of the above (d) None of these

(b) Tomato

(a) Wheat

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1. What is the SI unit of	electric current?	11.How many voca	11.How many vocal cords are there in the human		
(a) Newton	(b) Joule	vocabulary?			
(c) Ampere	(d) Watt	(a) One	(b) Two		
2. Red rot disease affect	s which of the following	(c) Three	(d) Four		
plants?		12. Which of the fo	12. Which of the following is not a property of		
(a) Paddy	(b) Sugarcane	electromagnetic wa	aves?		
(c) Mustard	(d) Wheat	(a) Electromagnetic	waves do not show interference		
3. The discoverer of bloo	od groups is	and diffraction			
(a) Karl Landsteiner (k	o) William Harvey	(b) Electric and mag	gnetic fields are perpendicular to		
(c) Christian Bernard (c	d) Louis Pasteur	each other			
4. Ozone is an allotrope	of oxygen.	(c) Electromagnetic	(c) Electromagnetic waves are transverse waves		
(a) Allotrope	(b) Isotope	(d) Electromagnetic	waves do not require any		
(c) Isobars	(d) Isotones	medium to propag	ate		
5. The main component	of haemoglobin is	13. The frictional fo	13. The frictional force between two surfaces		
(a) White blood cells		increases if	increases if		
(b) Red blood cells		(a) A layer of glue is applied between the two			
(c) Plasma		surfaces			
(d) All the options are co	orrect	(b) Both surfaces a	(b) Both surfaces are pressed forcefully		
6. How does energy travel from the sun to the		(c) An air gap is kep	ot between the two surfaces		
earth?	Spardhaguri	(d) Irregularities be	tween the two surfaces are		
(a) Conduction (k	o) Convection	removed			
(c) Radiation (d	d) Regulation	14. Which one of th	ne following is the largest gland		
7.Which one of the follo	wing is not a component of	in the human body	?		
smog?		(a) Thyroid	(b) Liver		
(a) Volatile organic com	pounds	(c) Kidney	(d) Pancreas		
(b) Nitrogen oxides		15. Which one of th	ne following is an ore of iron?		
(c) Sulphur dioxide		(a) Dolomite			
(d) Chlorine dioxide		(b) Rock salt	(b) Rock salt		
8.Snakes, tortoises, lizar	ds and crocodiles belong to	(c) Iron-meteor (Siderite)			
which category of anima	als?	(d) Galena or ordinary raw lead			
(a) Fish (b) Amph	nibious animals	16.Albert Sabin is known for developing ···.			
(c) Reptiles (d) Birds		(a) Smallpox vaccine			
9.Which one of the follo	owing is an anion?	(b) Polio vaccine	*		
(a) Aluminium ion	(b) Copper ion	(c) Penicillin			
(c) Sulphate ion	(d) Zinc ion	(d) Hepatitis-B vaco	cine		

17. Aurelia (Medusa) and Adamsia (Polyp) are

(b) Annelida

(d) Aschelminthes

examples of which phylum?

(a) Ctenophore

(c) Coelenterata



(c) 40 seconds

(d) 55 seconds

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18.Powdered glas	s and a little red are applied on	27. 28 men complete	27. 28 men complete 7/8th of a work in a week.		
the rubbing surfa	ce of a match stick.	How many men will have to be employed to			
(a) Antimony	(b) Arsenic	complete the remain	ing work in one more week?		
(c) Silicon	(d) Phosphorus	(a) 5	(b) 6		
19.Which type of	mirror is used in the side mirrors	(c) 4	(d) 3		
of vehicles?		28. A shopkeeper buy	ys 80 kg of sugar at the rate of		
(a) Convex	(b) Concave	₹ 13.50 per kg. He m	ixes 120 kg of sugar costing ₹		
(c) Plane	(d) Inverted	16 per kg in it. If he e	xpects a profit of 20%, at what		
20.The state of re	st of an object is considered to be	rate should he sell the mixture?			
the state of motion	n.	(a) ₹18 per kg	(b) ₹17 per kg		
(a) Increasing	(b) Decreasing	(c) ₹16.40 per kg	(d) ₹15 per kg		
(c) Reverse	(d) Zero	29. A thief running at	a speed of 8 km/hr is being		
21.What is an end	othermic reaction?	chased by a policeman whose speed is 10 km/hr. If			
(a) Reaction in wh	ich heat is released	the thief is 100 m ahe	ead of the policeman, how		
(b) Reaction in wh	i <mark>ch heat is a</mark> bsorbed	much time will the po	olice take to catch the thief?		
(c) Reaction in wh	<mark>ich</mark> neithe <mark>r h</mark> eat is released nor	(a) 2 minutes	(b) 6 minutes		
absorbed		(c) 10 minutes	(d) 3 minutes		
(d) None of the al	pove	30. If $(2a+b)/(a+4b)=3$, then find the value of $(a+b)$			
22.Which of the fo	ollowing gases leaked during the	(a+2b)			
Bhopal gas traged	ly? Spardhaguru	$(a)^{\frac{2}{7}}$ a Private	$\frac{5}{6}$		
(a) Methyl isocyar	nate	(c) $\frac{10}{7}$	(d) $\frac{10}{9}$		
(b) Sodium isothic	ocyanate	/	~		
(c) Nitrogen isoth	iocyanate	31. If $x = \frac{\sqrt{3}+1}{\sqrt{3}-1}$ and y	$=\frac{\sqrt{3}-1}{\sqrt{3}+1'}$ then the value of		
(d) Potassium isot	hiocyanate	$(x^2 + y^2)$ is			
23is the seco	nd largest animal phylum.	(a) 15	(b) 14		
(a) Mollusca	(b) Chordata	(c) 13	(d) 10		
(c) Coelomates	(d) Annelida	32. The value of $\frac{753 \times 7}{753 \times 7}$	753+247×247-753×247 753×753+247×247×247		
24.The tendency	of an object to remain at rest or to	(a) $\frac{253}{500}$	(b) $\frac{1}{506}$		
move with uniforr	n velocity is called acceleration.				
(a) Force	(b) Acceleration	(c) $\frac{1}{1000}$	(d) None of these		
(c) Friction	(d) Inertia		vested some money in a		
25.What is the SI	unit of power?		6:5, but after some months Sat		
(a) Boyle	(b) Watt	· ·	If the profit at the end of		
(c) Newton	(d) Pascal		nared between Sati and Rathin		
26. A 250 m long	train crosses a 350 m long		now many months did Rathin		
platform in 50 sec	onds. In how much time will the	invest alone?			
train cross a 230 r	n long platform?	(a) 4	(b) 5		
(a) 60 seconds	(b) 45 seconds	(c) 6	(d) 7		



(c) 284.4766

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34. Samrat's average after co	mpleting 11 innings is	41. ₹x invested at 9% per annum simple interest for			
51. How many runs does Sam	rat need to score in	7 years yields the same amount of interest as ₹y			
his next innings to increase h	is average by two	invested at 5.25% per annum	simple interest for 16		
runs?		years. Find the value of x : y.			
(a) 75	(b) 78	(a) 10:9	(b) 12:7		
(c) 80	(d) 82	(c) 4:3	(d) 16:7		
35. 7 experts and 5 trainees c	an complete a work in	42. Suvik incurred a loss of 12	% by selling an article		
9 days; while 4 experts and 15	5 trainees can	for ₹198. By how much should he have increased			
complete it in 12 days. In hov	v many days will 5	the price to earn a profit of 8%?			
experts and 6 trainees comple	ete the same work?	(a) ₹25	(b) ₹55		
(a) 10	(b) 12	(c) ₹44	(d) ₹45		
(c) 14	(d) 15	43. Raksha can finish a piece of work in 12 days			
36. The internal length, bread	th and height of a	while Esther takes 20 days to finish the work. They			
closed box are 10 cm, 8 cm a	nd 6 cm respectively.	start working together but Raksha leaves the work			
The total area of the outer su	rface of the box is 592	4 days before the completion of the work. For how			
cm2. If the walls of the box ar	e of uniform thickness	many days does Esther work?			
x cm, then the val <mark>ue of x is</mark>		(a) 6	(b) 8		
(a) 1.5 cm	(b) 1.25 cm	(c) 10	(d) 12		
(c) 1 cm	(d) 0.5 cm	44. Which of the following numbers is exactly			
37. When a toy is sold at a los	ss of 13% and a profit	divisible by 12?	ted		
of 11%, the difference in the	sale price is ₹108. If	(a) 14744	(b) 28856		
the profit earned is 12%, ther	what is the selling	(c) 43976	(d) 57228		
price of the toy?		45. 78% of 450 is			
(a) ₹440	(b) ₹480	(a) 351	(b) 312		
(c) ₹504	(d) ₹514	(c) 296	(d) 303		
38. A pair of trousers marked	at ₹750 was sold at	46. Find the simplest value of $(x - y)^3 + (y - z)^3 +$			
₹660 during a discount. What	percentage discount	$(z-x)^3$			
was given on it?		(a) $2(x - y)(y - z)(z - x)$			
(a) 12%	(b) 12.5%	(b) $3(x - y)(y - z)(z - x)$			
(c) 11.5%	(d) 14%	(c) 5(x+y)(y-z)(z+x)			
39. The least common multip	le (LCM) of 52, 78 and	(d) (x+y)(y+z)(z+x)			
156 is		47. The largest and second largest angles of a			
(a) 156	(b) 312	triangle are in the ratio 4:3 respectively. The			
(c) 234					
40. Solve the following.		the difference between the smallest angle and the			
256+ 25.6+ 2.56+ 0.256+ 0.0	256 = ?	largest angle of the triangle?			
(a) 284.6536	(b) 284.4666	(a) 40°	(b) 70°		

(c) 30°

(d) 284.4416

(d) 60°



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48. A 15 m long pole rests ag	ainst a wall at an angle	Instructions (Q. 56 and 57) There is a certain			
of 60° with the ground. At what height will the pole		relationship between the first two letters in the			
reach above the wall?		following. Choose the word from the given options			
(a) 10 m	(b) 12.99 m	which has the same relationship with the third			
(c) 9 m	(d) 11.50 m	word.			
49. Find the mode of the give	en data	56. Chennai : Tamil Na	adu :: Dehradun : ?		
9,5,7,9,6,9,10,6,9,4,8 and 11		(a) Uttarakhand (b) Jharkhand			
(a) 9	(b) 10	(c) Chhattisgarh	(d) Uttar Pradesh		
(c) 5	(d) 11	57. Medicine : Patient :: Education : ?			
50. If a month of a particular	year ends on Friday,	(a) Teacher	(b) School		
then how many Tuesdays will	be there in that	(c) Tuition (d) Student			
month?0		Instructions (Q. No. 58 and 59) Find the wrong			
(a) 4	(b) 5	number in the given number series.			
(c) 3	(d) 6	58. 6,13,18,25,30,37,40			
51. Pointing to a photograph	Soni said, "He is the	(a) 35 (b) 30			
brother of my uncle's daught	er." How is the man in	(c) 37	(d) 40		
the photograph related to So	ni?	59. 46080,3840,384,48,24,2,1			
(a) Uncle	(b) Cousin	(a) 1	(b) 2		
(c) Brother-in-law	(d) Son	(c) 24	(d) 384		
52. X is the sister of Y. Y is the	e daughter of K. K is	Instructions (Q. No. 60	and 61) In each question,		
the husband of L. How is L related to Y?		find the missing term	in the given series.		
(a) Brother	(b) Sister	60.c_ca_ab_bc			
(c) Father	(d) Mother	(a) abcac	(b) babca		
53. There are four paths. You	have come from the	(c) ccabb	(d) acbba		
south and want to go to the t	temple. The path on	61ab_a_aa_ba_aab			
the right takes you away from the coffee house. The		(a) ababa	(b) bbaba		
path straight ahead takes you to the college. Find in		(c) aabbb	(d) aaaaa		
which direction the temple is?		62.Choose the correct option to complete the			
(a) North	(b) South	matching.			
(c) East	(d) West	FIL: DGJ:: RUX:?			
54.Find the next number in th	ne following series	(a) GIK	(b) BDF		
8,28,116,584, ?		(c) PSV	(d) LVP		
(a) 1752	(b) 3502	63.Just as 'Judge' is re	elated to Justice, in the same		
(c) 3504	(d) 3508	way 'Playwright' is related to what?			
55. Find the missing number	in the following series	(a) Studio (b) Film			
3,10,29,,127		(c) Theatre	(d) Drama		
(a) 66	(b) 68	64. Find the odd num	ber in the following number		
(c) 51	(d) 44	series 210,195,175,15	1,120		
		(a) 210	(b) 151		



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(c) 175	(d) 1	9
(c) 173	(4)	_

65. Kareem ranks 16th from the top in a class of 49 students. What will be his rank from the bottom?

- (a) 32nd
- (b) 33rd
- (c) 36^{th}
- (d) None of these

66. If the code for FAMOUS in a certain language is JWPLWQ, then what will be the code for MIRACLE?

- (a) QUEXJEF
- (b) QEUXEJF
- (c) PEUXEFJ
- (d) PUEXEFJ

67. Introducing a man, a woman said, "His father-in-law's father is my father-in-law." How is the man related to the woman?

- (a) Husband
- (b) Son
- (c) Nephew
- (d) Son-in-law

68. A is the son of B. C is the brother of A. D is the son of C. Who is A to D?

- (a) Grandfather
- (b) Father
- (c) Maternal Uncle
- (d) Uncle

69. In a sports competition, the position of a player is 8th from the top and 84th from the bottom. What is the total number of competitors?

(a) 93

(b) 91

(c) 89

(d) 88

70. Independence Day on 15th August, 1999 was Thursday, so on which day was it celebrated in 1993?

- (a) Monday
- (b) Thursday

(c) Sunday

(d) Saturday

71. Pointing towards a girl, Mohan said, "She is the daughter of the only daughter-in-law of my grandfather." How is Mohan related to that girl?

(a) Uncle

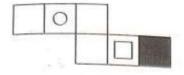
(b) Father

(c) Brother

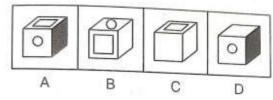
(d) Cousin

72.Choose the answer figure which will be obtained by folding the question figure

Question Figure



Answer Figures



(a) A and D

(b) C and D

(c) A and B

(d) B and D

73. How many such pairs of letters are there in the word DISTURB, each of which has as many letters between its two letters as they have in the English alphabet?

(a) Three

(b) Two

(c) Four

(d) Five

74.Rahul started from point A and went 8 km northwards to point B. Then he turned right and walked 7 km to reach point C. From point C he turned right and reached point D 5 km away. Then he turned right and went 7 km to point E. Finally he turned right and went 3 km to point F. What is the distance between point F and point B?

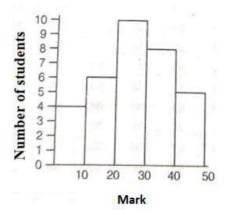
(a) 3 km

(b) 4 km

(c) 1 km

(d) 2 km

Directions (Question Nos. 75 & 76) Study the given bar chart and answer the questions based on it.





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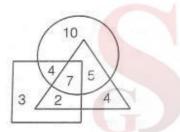
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75.What is	the	total	number	of	students	included	ir
the data?							

- (b) 32 (a) 42 (c) 43(d) 33
- 76. What is the ratio of the number of students securing less than 10 and more than 40 marks
- (a) 5:4 (b) 6:5 (c) 3:4(d) 4:5

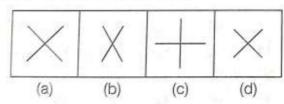
77. In the figure, the circle represents businessmen, the triangle represents educated persons and the square represents persons earning more than ₹ 10,000 per month. The number of educated businessmen earning more than ₹ 10,000 per month is



(b) 10 (a) 4

(d)7(c) 3

78. From the following figures, choose the figure which is different from the others



79. Which term in the given question is wrong or different?

APZ, CQY, ERX, GSV, ITV

(a) APZ (b) ERX (d) GSV (c) CQY

80. In a code language, '253 'means 'Books are old', '546' means 'Man is old' and '378' means 'Buy good book'. Then which number is used for 'are' in this code language?

(a) 4 (b) 8

- (d) 2(c) 6
- 81. What is the full form of NITI Aayog?
- (a) National Institution for Transforming India
- (b) National Institute of Technology in India
- (c) National Institute of Tariff in India
- (d) New India Technology in India
- 82. Aga Khan Cup is related to which sport?
- (a) Cricket

- (b) Football
- (C) Basketball
- (d) Hockey
- 83. In which schedule of the Constitution, the power, authority and responsibilities of Panchayati Raj are mentioned?
- (a) Eighth

- (b) Ninth
- (c) Eleventh
- (d) Twelfth
- 84. 'One Belt One Road' project is related to which country?
- (a) India

(b) Myanmar

(c) America

- (d) China
- 85. When is 'International Labour Day' celebrated?
- (a) 1 May (b) 1 June
- (c) 1 January
- (d) 1 March
- 86. 'Madhubani' style is related to which of the following states of India?
- (a) Bihar
- (b) Madhya Pradesh
- (c) West Bengal
- (d) Rajasthan
- 87. Which of the following cities is known as 'Pink City'?
- (a) Delhi

(b) Agra

(c) Patna

- (d) Jaipur
- 88. Which of the following soils is known as cotton soil?
- (a) Sandy soil
- (b) Clay soil
- (c) Black soil
- (d) Loamy soil
- 89. Which state of India has the largest forest area?
- (a) Kerala
- (b) Madhya Pradesh
- (c) Maharashtra
- (d) Bihar
- 90. Nobel Prize is given in how many fields?
- (a) 4

(b) 6

(c) 5

(d) 7



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91. According to which article of the Indian
Constitution, a citizen has the right to know about
the assets and liabilities of a candidate?

- (a) Article-21
- (b) Article-300 (a)
- (c) Article-19 (a)
- (d) Article-14
- 92. Who gave the slogan 'Do not pay tax'?
- (a) Subhash Chandra Bose
- (b) Jawaharlal Nehru
- (c) Sardar Vallabhbhai Patel
- (d) Mangal Pandey
- 93. Which of the following monuments was built by the Mughal ruler Akbar?
- (a) Qutub Minar
- (b) Red Fort of Delhi
- (c) Charminar
- (d) Buland Darwaza
- 94. What is the ratio of the width of the national

flag to its length?

(a) 1:2

(b) 2:1

(c) 2:3

- (d) 3:2
- 95. Which of the following pairs is correctly matched?

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- (a) Arthashastra Kautilya
- (b) Mein Kampf Abul Fazal
- (c) Animal Farm Babur
- (d) Divine Comedy Karl Marx
- 96. Who among the following was involved in the

Alipore Bomb Conspiracy case?

- (a) S.N. Banerjee
- (b) Bipin Chandra Pal
- (c) Jatin Das
- (d) Aravind Ghosh
- 97. Which revolutionary was given the title of
- 'Punjab Kesari'?
- (a) Ranjit Singh
- (b) Bhagat Singh
- (c) Lala Lajpat Rai
- (d) Sardar Baldev Singh
- 98. What is the name of the planet in the outermost

orbit of the solar system at present?

(a) Saturn

(b) Neptune

- (c) Mercury
- (d) Uranus

99. The head office of the Reserve Bank of India is located in which of the following cities?

- (a) Mumbai
- (b) Gujarat

(c) Kolkata

(d) Dehradun

100. Which state of India has the lowest number of women compared to men?

(a) Bihar

(b) Rajasthan

(c) Punjab

(d) Haryana