

Grand Test-
IRPM-171006

IBPS RRB PO (Mains)

ANSWER KEY

1.(5)	21.(5)	41.(2)	61.(2)	81.(2)	101.(5)	121.(1)	141.(2)	161.(3)	181.(1)
2.(2)	22.(2)	42.(3)	62.(3)	82.(4)	102.(2)	122.(2)	142.(3)	162.(2)	182.(4)
3.(5)	23.(2)	43.(5)	63.(4)	83.(5)	103.(5)	123.(4)	143.(4)	163.(4)	183.(3)
4.(1)	24.(2)	44.(3)	64.(3)	84.(2)	104.(3)	124.(5)	144.(1)	164.(2)	184.(4)
5.(4)	25.(2)	45.(5)	65.(1)	85.(1)	105.(2)	125.(2)	145.(4)	165.(4)	185.(1)
6.(3)	26.(2)	46.(1)	66.(3)	86.(4)	106.(3)	126.(2)	146.(3)	166.(3)	186.(1)
7.(2)	27.(4)	47.(1)	67.(2)	87.(5)	107.(4)	127.(1)	147.(1)	167.(1)	187.(3)
8.(1)	28.(2)	48.(2)	68.(2)	88.(4)	108.(4)	128.(3)	148.(5)	168.(1)	188.(1)
9.(3)	29.(3)	49.(3)	69.(5)	89.(1)	109.(4)	129.(4)	149.(1)	169.(2)	189.(1)
10.(1)	30.(2)	50.(5)	70.(1)	90.(3)	110.(2)	130.(5)	150.(4)	170.(3)	190.(4)
11.(5)	31.(1)	51.(4)	71.(3)	91.(4)	111.(2)	131.(3)	151.(2)	171.(2)	191.(1)
12.(4)	32.(3)	52.(4)	72.(1)	92.(5)	112.(2)	132.(5)	152.(3)	172.(2)	192.(3)
13.(3)	33.(2)	53.(3)	73.(2)	93.(4)	113.(1)	133.(2)	153.(4)	173.(4)	193.(4)
14.(4)	34.(1)	54.(3)	74.(2)	94.(1)	114.(4)	134.(5)	154.(1)	174.(3)	194.(5)
15.(4)	35.(2)	55.(4)	75.(2)	95.(2)	115.(4)	135.(4)	155.(3)	175.(1)	195.(3)
16.(4)	36.(3)	56.(4)	76.(5)	96.(2)	116.(2)	136.(3)	156.(2)	176.(1)	196.(4)
17.(1)	37.(5)	57.(2)	77.(4)	97.(3)	117.(1)	137.(1)	157.(3)	177.(2)	197.(3)
18.(5)	38.(2)	58.(4)	78.(2)	98.(3)	118.(3)	138.(3)	158.(4)	178.(2)	198.(3)
19.(2)	39.(3)	59.(5)	79.(2)	99.(5)	119.(2)	139.(2)	159.(1)	179.(4)	199.(3)
20.(3)	40.(3)	60.(2)	80.(5)	100.(3)	120.(3)	140.(5)	160.(4)	180.(1)	200.(2)

HINTS & SOLUTIONS

1.(5) $x = \frac{11}{3}, \frac{15}{7}$
 $y = -3, \frac{11}{3}$
 \Rightarrow No relation

2.(2) $x = 4, \frac{9}{5}$
 $y = \frac{9}{5}, \frac{-3}{2}$
 $\Rightarrow x > y$

3.(5) $x = \pm 59$
 $y = \pm 2\sqrt{5}$
 \therefore No relationship can be established

4.(1) $x = \frac{7}{4}, \frac{8}{5}$
 $y = \frac{4}{7}, \frac{5}{8}$
 $\therefore x > y$
 5.(4) $x = \pm 121$
 $y = 121$
 $\therefore x \leq y$

6.(3) Let original marked price is $100x$
 Cost price for trader = 80% of $100x = 80x$
 To gain 25% selling price = $\frac{125}{100} \times 80x = 100x$
 Allowed discount = 20%
 \therefore trader's marked price = $\frac{100x}{80} \times 100 = 125x$
 Required percentage = $\frac{125x - 100x}{100x} \times 100 = 25\%$

7.(2) Let speed of car = x km/hr
 And time required to cover the distance = t hr
 Now according to question,
 $(x + 10)(t - 1) = xt$
 $10t - x = 10 \dots (i)$
 $(x + 20)\left(t - \frac{7}{4}\right) = xt$
 $20t - \frac{7}{4}x = 35 \dots (ii)$
 Solve equation (i) and (ii)
 $x = 60$ km/hr, $t = 7$ hr
 Required distance = 420 km

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- 8.(1) 50% of savings of man
 $= \frac{50}{100} \times 84100 = 42050$ Rs.
 Difference between ages of A and B = 2 years
 Rate of interest = 5%
 Ratio of shares of A and B \Rightarrow
 $\frac{A's\ share}{B's\ share} = \left(\frac{21}{20}\right)^2 = \frac{441}{400}$
 $B's\ share = \frac{42050}{841} \times 400 =$ Rs. 20,000
- 9.(3) A B C
 Days: 6 : 12 : 15
 efficiency: 10 : 5 : 4
 Total work = 60 unit
 $\frac{1}{8}$ of total work = 7.5 work
 Remaining work = 52.5 work
 Time taken by A and B to do the remaining work = $\frac{52.5}{15} = 3.5$ days
- 10.(1) A B
 $\frac{6x}{11} \times 33 - \frac{5x}{11} \times 33 = 33$
 $\frac{6x - 18}{5x + 18} = \frac{3}{4}, x = 14$
 Liquid A in the bucket initially = $14 \times 6 = 84$ l
- 11.(5) Total people who likes Punjabi
 $= \frac{48}{18} \times 9 = 24$ lakh
 Let total people below 25 yr who likes Punjabi = x
 Then, $(24 - x) \frac{3}{8} + \frac{4}{9}x = 10$
 $x = 14.4$ L
- 12.(4) Total number of people below 25 years who likes Chinese = $\frac{9.6}{3} \times 7 = 3.2 \times 7 = 22.4$ L
 Total number of people above 25 years who likes Chinese = $\frac{14}{5} \times 9 = 2.8 \times 9 = 25.2$ L
 Total people who likes Indian = $\frac{(22.4+25.2)}{20} \times 25 = 59.5$ Lakh
- 13.(3) Let total people who like French food = x
 Then,
 $23000 - (x - 23000) = 11600$
 $46000 - x = 11600$
 $x = 46000 - 11600 = 34400$
 Required difference = $\frac{34400}{16} \times 13 = 27950$
- 14.(4) Total people in the town = $\frac{1}{25} \times 100 = 4$ L
 Required difference = $\frac{4}{100} \times 4 = 0.16$ L
- 15.(4) We can't determine these values individually.
- 16.(4) Required percent = $\frac{\frac{12}{25} \times 1250 + \frac{11}{28} \times 1400}{1250 + 1400} \times 100 = \frac{600 + 550}{(1250 + 1400)} \times 100 = \frac{1150}{2650} \times 100 = 43.39\%$
- 17.(1) Required percent = $\frac{16-7}{16} \times 100 = \frac{9}{16} \times 100 = 56.25\%$
- 18.(5) Total number of boys in LPS, Navodaya and Army school = $1600 \times \frac{27}{32} + 1525 \times \frac{35}{61} + 1300 \times \frac{9}{13} = 1350 + 875 + 900 = 3125$
 Required percent = $\frac{3125}{1600+1525+1300} \times 100 = \frac{3125}{4425} \times 100 = 70.6 \approx 71\%$
- 19.(2) Number of students who passed with distinction in Mission school = $1400 \times \frac{5}{7} \times \frac{35}{100} = 350$
 Number of students who passed with distinction in Army school = $1300 \times \frac{8}{13} \times \frac{32}{100} = 256$
 Difference = $350 - 256 = 94$
- 20.(3) Required sum
 $= 1200 \times \frac{3}{4} \times \frac{48}{100} + 1300 \times \frac{8}{13} \times \frac{32}{100} + 1150 \times \frac{16}{23} \times \frac{20}{100} = 432 + 256 + 160 = 848$
- 21-25. Males in company = $\frac{86}{79+86} \times 1650 = 860$
 Females in company = $1650 - 860 = 790$
 Males in Product development department = 198
 Employees in Sales and marketing department = $\frac{18}{100} \times 1650 = 297$
 Males in Sales and marketing department = $\frac{5}{9} \times 297 = 165$
 Females in Sales and marketing department = 132
 Males in finance department = 77
 Females in Finance department = $\frac{5}{7} \times 77 = 55$
 Females in Product development department = 165
 Males in HR department = $77 \times 2 = 154$
 Males in R&D and reinvestment department = $860 - (198+165+77+154) = 266$
 Females in R&D and reinvestment department = $\frac{19}{14} \times 266 = 361$
 Females in HR department = $790 - (132 + 55 + 165 + 361) = 77$
- 21.(5) Required difference = $266 - 165 = 101$
- 22.(2) required percentage = $\frac{361}{790} \times 100 \approx 45.7\%$
- 23.(2) required percentage = $\frac{165-55}{165} \times 100 = 66\frac{2}{3}\%$
- 24.(2) no. of males in Product development, Sales and marketing and HR departments = $198 + 165 + 154 = 517$
 No. of females in Product development, finance and R&D and reinvestment department = $361 + 55 + 165 = 581$
 Difference = 64
- 25.(2) females shifted from Sales and marketing Department = $\frac{5}{12} \times 132 = 55$
 Females in HR department = $77 + 55 = 132$
 Males in HR department = 154
 Required ratio = $\frac{154}{132} = 1.17$

- 26.(2) Series is $\div 2.5, \div 2.5, \dots$
 So, $? = \frac{30.72}{2.5} = 12.288$
- 27.(4) $1^3 - 1, 2^3 - 2, 3^3 - 3, \dots, 6^3 - 6$
 So, $? = 6^3 - 6 = 210$
- 28.(2) Series is $+14, +28, +56, +112, +224$
 So, $? = 71 + 56 = 127$
- 29.(3) Series is $2^2 + 1, 3^2 - 1, 4^2 + 1, 5^2 - 1, 6^2 + 1$
 So, $? = 57 + 6^2 + 1 = 57 + 37 = 94$

- 30.(2) Series is $\times 1.5, \times 3, \times 6, \times 12, \times 24$
 So, $3240 \times 24 = 77760$

- 31.(1) Let price of jewel be Rs. x

Then, $A \times \frac{5}{4} \times \frac{6}{5} \times x = \frac{165}{100}x$

$\Rightarrow A = \frac{165}{100} \times \frac{4}{6} = 1.1$

$\Rightarrow 10\%$

- 32.(3) Let marks scored be $10x, 9x, 8x, 7x, 6x$

Then, $\frac{10x+9x+8x+7x+6x}{\text{Maximum marks}} = \frac{60}{100}$

$\Rightarrow \text{Maximum marks} = \frac{200x}{3}$

Max. marks of one subject = $\frac{200x}{3 \times 5} = \frac{40x}{3} = 13.3x$

So, he passed 4 exam, as 50% marks = $6.65x$

- 33.(2) C.P. of item of shopkeeper who calculates on C.P.

$= 3000 \times \frac{100}{120} = 2500$

C.P. of item of shopkeeper who calculates on S.P.:

$\frac{(3000 - x)}{3000} \times 100 = 20$

$\Rightarrow x = 2400$

Difference in profits = $600 - 500 = 100$

- 34.(1) Let the C.P. of an item be x and no. of items be A .

Total C.P. = Ax

Total S.P. = $1.2x \times \frac{A}{2} + \frac{4}{5} \times \frac{6}{5}x \times \frac{A}{4} + \frac{6}{10} \times \frac{6}{5} \times x \times \frac{A}{4}$

$= \frac{3Ax}{5} + \frac{6Ax}{25} + \frac{9Ax}{50}$

$= \frac{51Ax}{50}$

$= 1.02Ax$

$\therefore 2\%$ profit

- 35.(2) $65 \times \frac{90}{100} \times A = 56.16$

$\Rightarrow A = 0.96$

$\therefore 4\%$ discount.

- 36.(3) $P \left(1 + \frac{10}{100}\right)^2 - P = \frac{P}{4} \left(1 + \frac{10}{100}\right)^2 - \frac{P}{4} + \frac{3P \times 2 \times r}{4 \times 100}$

$\Rightarrow \frac{121}{100} - 1 = \frac{1}{4} \left(\frac{121}{100} - 1\right) + \frac{3r}{200}$

$\Rightarrow \frac{3}{4} \left(\frac{121}{100} - 1\right) = \frac{3r}{200}$

$\Rightarrow \frac{21}{100} = \frac{r}{50}$

$\Rightarrow r = 10.5$

- 37.(5) $40 \times 28 = x \times \frac{4}{5} \times 28$

$\Rightarrow x = 50$

Ratio of no. of new men to no. of old men = $\frac{50}{40} = \frac{5}{4}$

- 38.(2) Let, x additional men be employed

117 men were supposed to finish the whole work in $46 \times 8 = 368$ hrs.

But 117 men completed $\frac{4}{7}$ of the work in $33 \times 8 = 264$ hrs.

\therefore 117 men could complete the work in 462 hrs.

Now, $(117+x)$ men are supposed to do $\frac{3}{7}$ of the work working 9 hours a day, in $13 \times 9 = 117$ hours, so as to finish the work in time.

i.e. $(117+x)$ men are supposed to complete the whole

work in $117 \times \frac{7}{3} = 273$ hours

$\therefore (117+x) \times 273 = 117 \times 462$

$\Rightarrow x = 81$

Machine I:

Time to produce 9000 nuts

$= \frac{9000}{100} + 8 \times 5 = 130$ min.

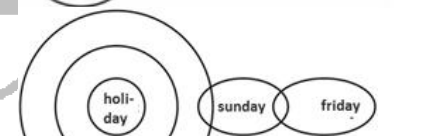
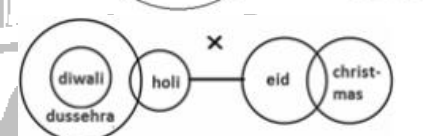
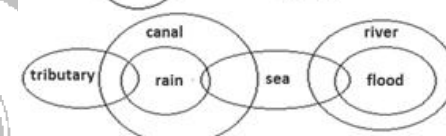
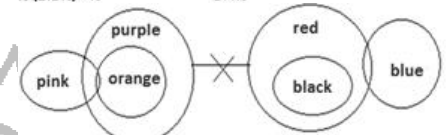
Machine II:

Time to produce 9000 bolts

$= \frac{9000}{75} + 5 \times 10 = 170$ min.

Let, height of the cylinder be ' h '.

$\frac{\frac{2}{3}\pi(1.5h)^2}{\pi(1.5h)^2 h} \times 100 = \frac{2 \times 1.5h}{3 \times h} \times 100 = 100\%$



40.(3)

41.(2)

42.(3)

43.(5)

44.(3)

45.(5)

46.(1)

In this question, we have to choose an option which can be assumed from the given statement.

Option (i) can be assumed from the line- " Winter is not here yet, but Delhi's air quality has started to dip already".

Option (ii) is not a correct choice as the statement only infers that Beijing was able to reduce the effects of exposure to public and athletes or control air pollution in 2008 Olympics.

Option (iii) is also not a correct choice because it is said that India must observe or replicate China's strategy and it does not necessarily mean that India does not have the resources to do so.

47.(1)

In this question, we have to choose an option which strengthens the decision taken by NGT.

Option (i) strengthens the decision by pointing out that protest were causing disturbance to the people living nearby.

Option (ii) does not strengthen the decision as it is a well-known fact that every citizen has a right to protest.

Option (iii) does not strengthen the decision as it is irrelevant to the question asked.

- 48.(2) It rejects the argument of the author that CEOs of big organizations should not be paid more salary as compared to the small ones.
- 49.(3) It is stated "the government has better ways to spend taxpayers money". Hence this argument is contradicted only by option (3).
- 50.(5) The argument clearly states that 'buying in bulk makes supermarkets a practical choice for budget-conscious consumers'; option (5) is the assumption because it has to be true for the conclusion to follow.

51-55. Step 1. From the information given in the question, A, B, Q, R, T and U are males while rest of them are females. Females stay on an odd numbered floor whereas males are staying on an even numbered floor. It means C, D, E, F, P and S are females and stay on an odd numbered floor. E is not staying on second floor. Neither floor 23rd nor floor 42nd has nineteen rooms. F stays on floor 23rd with D. Neither floor 23rd nor floor 42nd has twenty-four rooms. Second floor has thirty-eight rooms. S does not stay on 55th floor.

Floors	Person	Number of rooms
97 th		
90 th		
55 th	S	
42 nd		Nineteen, Twenty-four
23 rd	F, D	Nineteen, Twenty-four
2 nd	E	Thirty-eight

Step 2. Proceeding further with the remaining information,

Since T is a male, it means he stays on an even numbered floor which has nineteen rooms. So T stays on 90th floor as there is no other possibility. D stays on the floor which has forty rooms so the 23rd floor has forty rooms. The floor which has seventeen rooms is an odd numbered floor but not 55th floor it means 97th floor has seventeen rooms and 55th and 42nd floors have Twenty-four and thirty-three floors respectively as there is no other possibility.

Floors	Person	Number of rooms
97 th		Seventeen
90 th	T	Nineteen
55 th	S	Twenty-four
42 nd		Thirty-three
23 rd	F, D	Forty
2 nd	E	Thirty-eight

Step 3. Proceeding with the remaining information, R stays on the floor which has thirty-three rooms. A and B are staying on the same floor. It is given that they are males who can only stay on an even numbered floor. Two of the given persons are living on each floor. It means A and B are staying on 2nd floor and R is staying on 42nd floor having thirty-three rooms. P does not stay on the same floor as S. Since P and S are females it means S stays on 97th floor and P stays on 55th floor. C is not staying on the same floor as D. Now as Q and U are male and their floors are not certain so either of them lives on 90th floor

or on 42nd floor and as C and E are female so either of them lives with P or S.

So, we get our final solution as,

Floors	Person	Number of rooms
97 th	E/C and S	Seventeen
90 th	U/Q and T	Nineteen
55 th	C/E and P	Twenty-four
42 nd	Q/U and R	Thirty-three
23 rd	F and D	Forty
2 nd	A and B	Thirty-eight

- 51.(4)
53.(3)
56-60.

- 52.(4)
54.(3)

- 55.(4)

Step 1. From the information given in the question, A obtained an odd number ranking and he has not scored the third lowest marks. The student who gave his test on Tuesday is immediately above A in ranking. That means we have two possible cases.

Case 1. When A obtained 7th rank.

Case 2. When A obtained 3rd rank.

There are only two students between A and the one who gave his exam on Saturday in terms of the marks obtained. D scored the third lowest marks.

Case 1.

Days	Students	Ranks	Marks
		1	
		2	
		3	
Saturday		4	
	D	5	
Tuesday		6	
	A	7	

Case 2.

Days	Students	Ranks	Marks
		1	
Tuesday		2	
	A	3	
		4	
	D	5	
Saturday		6	
		7	

Step 2. Proceeding with the remaining information, The student who gave his test on Saturday is immediately ahead of C in rankings. But this is not possible in case 1. So, it will be eliminated and we will proceed with case 2. Only three students are there between C and the one who gave his test on Friday in terms of the number of marks obtained. The student who scored the third lowest marks scored 142 marks.

Days	Students	Ranks	Marks
		1	
Tuesday		2	
Friday	A	3	
		4	
	D	5	142
Saturday		6	
	C	7	

Step 3. Proceeding with the remaining information, Topper scored 183 marks. B scored more marks than E. In terms of marks obtained, only one student is there between B and E. E obtained 151 marks. So E has obtained 4th rank and B has obtained 2nd rank as there is no other possibility. In terms of ranking, the student who gave his

test on Wednesday is immediately ahead of the student who gave his test on Sunday.

That means E gave his test on Wednesday and D gave his test on Sunday. Neither C nor A gave his test on Monday. It means C gave his test on Thursday and the one who obtained 1st rank gave his test on Monday. G has not obtained an even number ranking. It means G obtained 1st rank and F obtained 6th rank.

Finally, we have our solution as,

Days	Students	Ranks	Marks
Monday	G	1	183
Tuesday	B	2	
Friday	A	3	
Wednesday	E	4	151
Sunday	D	5	142
Saturday	F	6	
Thursday	C	7	

56.(4)

57.(2)

58.(4)

59.(5)

60.(2)

61-65.

Step 1. From the information given in the question,

Y created a habitat for Rabbits. C created a habitat for Sparrows and X created a habitat for Parrots. U who earns two lacks per annum stays in village Z. X stays in village A and earns four times as much as U. W stay in village A and C stays in village B.

We have,

PERSON	VILLAGES	ANIMALS	ANNUAL INCOME
V			
U	Z		2 Lacks
Y		Rabbits	
X	A	Parrots	8 Lacks
C	B	Sparrows	
W	A		

Step 2. Proceeding with the remaining information,

Y does not stay in village B. It means V must be the one who stays in village B as it is given that there are two persons from each village. Similarly Y must belong to village Z. Y earns twice as much as X. The person who created a habitat for Doves and Pigeons do not stay in village B. It means either U or W created a habitat for doves or pigeons. So V must be the one who created a habitat for squirrels.

PERSON	VILLAGES	ANIMALS	ANNUAL INCOME
V	B	Squirrels	
U	Z	Pigeons/Doves	2 Lacks
Y	Z	Rabbits	16 Lacks
X	A	Parrots	8 Lacks
C	B	Sparrows	
W	A	Doves / Pigeons	

Step 3. Proceeding with the remaining information,

The difference between the annual incomes of U and W is either 1 lacks or 2 lacks. W earns more than U. It means W earns either 3 or 4 lacks. But it is given that C, who earns the least earns half as much as W. Therefore W earns 3 lacks because if he earns 4 lacks it means C earns two lacks but that is not possible as it is already given that C earns the least and no two persons earns the same amount. So W earns 3 lacks and C earns 1.5 lacks

The person who created a habitat for squirrels earns ten times as much as the person who lives in village B. It means V earns 15 lacks.

So we have our final solution as,

PERSON	VILLAGES	ANIMALS	ANNUAL INCOME
V	B	Squirrels	15 Lacks
U	Z	Pigeons/Doves	2 Lacks
Y	Z	Rabbits	16 Lacks
X	A	Parrots	8 Lacks
C	B	Sparrows	1.5 Lacks
W	A	Doves / Pigeons	3 Lacks

61.(2)

62.(3)

63.(4)

64.(3)

65.(1)

66.(3)

The ill-treatment meted out to the poor Dalits in Una is highly condemnable. The assailants must be punished as early as possible for whatever they did and there must be some safety issues provided to the Dalits so that further attacks should be controlled on them. And as there are certain provisions from government under which they should provide compensation. So (i), (ii) and (iii) are effective courses of action whereas (iv) is a harsh course of action.

From the given passage, it is clear that there are so many protests on the streets across Gujarat and even there are plans for more state-wide protests. So, if it is not controlled properly, it would cause a severe damage. So, (i) can be postulated. Whereas it is nothing mentioned in the passage that any of the alleged attackers are arrested. And it is also clear that they are beaten by a group of people, not by the all people of Gau Raksha. So, (ii) and (iii) cannot be postulated in reference with the given passage.

Argument (i) is a harsh action whereas Argument (ii) is in logical manner as there are different departments allotted for different works. So, argument (ii) holds strong.

(i) and (ii) both are out of the box as we can't predict these statements logically. Whereas, from the given passage, we can easily say that such type of violence is really a matter of concern and at the same time is a painful event. So, except (iii), all are not in line in reference with the given passage.

67.(2)

68.(2)

69.(5)

70.(1)

It is mentioned in the passage that there has been mobilization on the streets across Gujarat and there are plans for such more protests. So, (i) may be the possible fallout. Whereas due to such cases, the center will not pass any bill and not going to change the law.

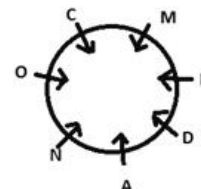
From statement II, it is clear that Rohit's mother birthday is on one of the day 16th 17th or on 18th of November.

From statement III it is clear that according to Rohit's father's wife's (i.e. Rohit's mother) birthday is on 15th or on 16th November.

Hence Rohit' Mother's birthday is on 16th November.

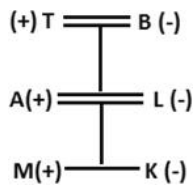
71.(3)

From statement I and II it is clear that A sits 4 th to the left of C.

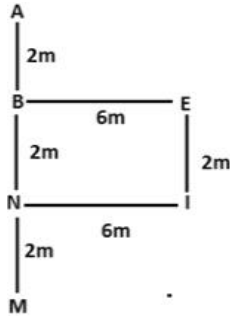


72.(1)

From Statement I and III we get the final solution, that L is the mother of K.



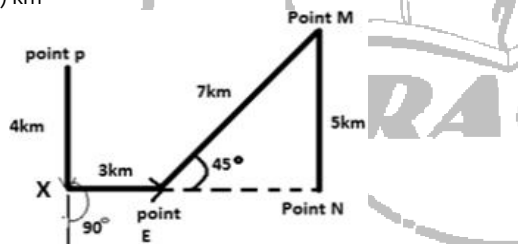
74.(2) Statement I and III together are necessary to answer the question.



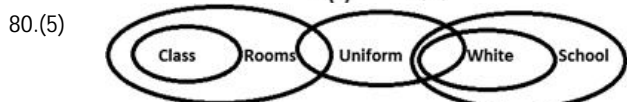
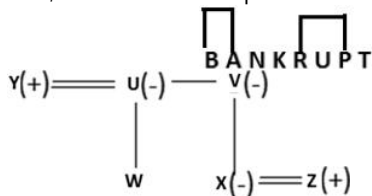
75.(2) Both statements I and III are necessary to answer the question.



76.(5) The required distance is distance between Point X and N. So first we have to find the distance between Point E and N which is = $\sqrt{49 - 25}$ Km = $\sqrt{24}$ km = $2\sqrt{6}$ km
 Now, Total distance between Point X and N is = $3\text{km} + 2\sqrt{6}$ km
 = $(3 + 2\sqrt{6})$ km



78.(2) Thus, there are two such pairs of letters → BA and RP.



81.(2) A bill to enable exit of Reserve Bank of India (RBI) from Nabard and increase authorised capital of the development institution six times to Rs 30,000 crore was passed by the Lok Sabha.

82.(4) The Central Industrial Security Force (CISF) security at the Chhatrapati Shivaji International Airport (CSIA) in Mumbai has been recognised as the best service in this domain by a global quality rating agency.

83.(5) Masala bonds an Indian rupee denominated bond issued outside India.

84.(2) Bharat Dynamics Limited (BDL) has signed a contract with Research Centre Imarat (RCI) for the supply of Medium Range Surface-to-Air Missiles (MRSAM) to Indian Army.

85.(1) MUDRA Bank, a Non Banking Finance Company as MUDRA Ltd has been set up as a subsidiary of SIDBI.

86.(4) Dipak Mishra is the 45th Chief Justice of India.

87.(5) Under the aegis of Pradhan Mantri MUDRA Yojana (PMMY), MUDRA has already created its initial products/schemes. The interventions have been named 'Shishu', 'Kishor' and 'Tarun' to signify the stage of growth/development and funding needs of the beneficiary micro unit / entrepreneur and also to provide a reference point for the next phase of graduation / growth to look forward to. The financial limit for these schemes is:-

(a) Shishu:- covering loans up to 50,000/-

(b) Kishor:- covering loans above 50,000/- and up to 5 lakh

(c) Tarun:- covering loans above 5 lakh to 10 lakh

88.(4) The Indian Railways launched RailCloud, a virtual server with an inbuilt security system that will enable faster connectivity at a reduced cost.

89.(1) An ETF (Exchange Traded Fund) is a marketable security that tracks an index, a commodity, bonds, or a basket of assets like an index fund. Unlike mutual funds, an ETF trades like a common stock on a stock exchange.

90.(3) The GST Council reduced the tax rate on fertilizer from previously decided 12 per cent to 5 percent.

91.(4) Exchange Earners' Foreign Currency Account (EEFC) is an account maintained in foreign currency with an Authorized Dealer Category - I bank i.e. a bank authorized to deal in foreign exchange. It is a facility provided to the foreign exchange earners, including exporters, to credit 100 per cent of their foreign exchange earnings to the account, so that the account holders do not have to convert foreign exchange into Rupees and vice versa, thereby minimizing the transaction costs.

92.(5) The Negotiated Dealing System (NDS) have two modules – one for the primary market and the other for the secondary market.

93.(4) ICICI Bank, the country's largest private sector bank, announced the launch of EMI (Equated Monthly Instalments) facility on debit cards to enable its customers to convert high value transactions into easy instalments. ICICI Bank is the first in the country to introduce this facility.

94.(1) The Ministry of Micro, Small and Medium Enterprises, a branch of the Government of India, is the apex body for the formulation and administration of rules, regulations and laws relating to micro, small and medium enterprises in India. The current Minister of Micro, Small and Medium Enterprises is Giriraj Singh since 03 September 2017.

95.(2) The country's third largest private sector lender Axis Bank has acquired payments wallet Freecharge for Rs 373 crore in an all-cash deal and appointed Sangram Singh as its CEO.

96.(2) The Asian Development Bank will increase its annual lending to India to a maximum of \$4 billion between 2018 and 2022 to help fasten inclusive economic transformation towards upper middle-income status

97.(3) India's largest autonomous public research and development organisation Council of Scientific and

- Industrial Research (CSIR) has been ranked ninth in the world.
The ranking is based on a composite indicator that combines research performance, innovation outputs and societal impact measured by their web visibility, so as to reflect scientific, economic and social characteristics of institutions.
- 98.(3) The Nobel Prize in Physiology or Medicine 2017 -Jeffrey C. Hall, Michael Rosbash and Michael W. Young.
- 99.(5) India's largest private sector lender by consolidated assets, ICICI Bank announced a new home loan scheme that offers borrowers the benefit of 1% cashback on every EMI, for the entire tenure of the loan. The offer will be valid for home loans with a minimum tenure of 15 years and maximum tenure of 30 years.
- 100.(3) The Reliance Foundation was rewarded with the prestigious Rashtriya Khel Protsahan Award at Rashtrapati Bhawan. Chairperson of the foundation, Nita Ambani collected the award from President Ram Nath Kovind.
- 101.(5) Prominent Konkani writer Mahabaleshwar Sail was presented with the Saraswati Samman 2016 for his novel 'Hawthan'. The novel 'Hawthan', published in 2009, captures cultural lives of traditional potter community in Goa.
- 102.(2) In money market, the amount that is lent for one day is known as "call money" and, if it exceeds one day or two days to 14 days is referred to as "notice money."
- 103.(5) The Insolvency and Bankruptcy Board of India (IBBI) registered National E-Governance Services Limited (NeSL) today as an Information Utility (IU) under the IBBI (Information Utilities) Regulations, 2017. This registration is valid for five years from the date of registration.
- 104.(3) India's largest private sector bank, ICICI launched the "ATM on Wheels" country first Mobile ATM, in Mumbai. It was connected to the bank through the GPRS technology.
- 105.(2) NPCI was incorporated as a Section 25 company under Companies Act 1956 (now Section 8 of Companies Act 2013) and is aimed to operate for the benefit of all the member banks and their customers.
- 106.(3) Adam Smith was an 18th-century philosopher renowned as the father of modern economics, and a major proponent of laissez-faire economic policies.
- 107.(4) International Day for the Remembrance of the Slave Trade and its Abolition celebrated on 23rd August 2016. In the night of 22 to 23 August 1791, men and women, torn from Africa and sold into slavery, revolted against the slave system to obtain freedom and independence for Haiti, gained in 1804.
- 108.(4) The first express highway project in the northeast region will be developed along the Brahmaputra river in Assam at an estimated investment of Rs 40,000 crore inaugurated by Union Road Minister Nitin Gadkari.
- 109.(4) In order to promote cruise tourism in India, a special event, 'The dawn of cruise tourism in India' was inaugurated in Mumbai.
- 110.(2) Union minister for petroleum and natural gas Dharmendra Pradhan inaugurated the Pradhan Mantri LPG Panchayat as a backup to the Pradhan Mantri Ujjwala Yojana in Gandhinagar. The scheme is aimed at providing LPG gas cylinders to village households and replace conventional fuel for domestic purposes.
- 111.(2) UPI stands for Unified Payment Interface.
- 112.(2) Hui Ka Yan, the chairman of big China real estate developer China Evergrande Group, has become Asia's richest man according to the Forbes Real-Time Billionaires List. Ma Huateng currently ranks second in Asia and Jack Ma third.
- 113.(1)
- 114.(4) Union Minister for Social Justice and Empowerment Thawar Chand Gehlot.
- 115.(4) The CEO of YES Bank is Rana Kapoor.
- 116.(2) The World Economic Forum, a Swiss nonprofit foundation, based in Cologny, Geneva, Switzerland is the International Organization for Public-Private Cooperation and it works for improving the state of the world. Its mission is cited as "committed to improving the state of the world by engaging business, political, academic, and other leaders of society to shape global, regional, and industry agendas".
- 117.(1) Senior bureaucrat Mohammad Mustafa was appointed as Chairman and Managing Director (CMD) in Small Industries Development Bank of India (SIDBI).
- 118.(3) The members of the G20 are: Argentina, Australia, Brazil, Canada, China, France, Germany, India, Indonesia, Italy, Japan, Republic of Korea, Mexico, Russia, Saudi Arabia, South Africa, Turkey, United Kingdom, United States, and the European Union. G20 members account for 86 per cent of the world economy, 78 per cent of global trade, and two-thirds of the world's population, including more than half of the world's poor.
- 119.(2) Ravi Shankar was an Indian musician and composer best known for popularizing the sitar and Indian classical music in Western culture. After serving as director of All-India Radio, he began to tour India and the United States and collaborating with many notable musicians, including George Harrison and Philip Glass. Shankar died in California on in 2012, at age 92.
- 120.(3) Kudankulam Nuclear Power Plant is a nuclear power station in Koodankulam in the Tirunelveli district of the southern Indian state of Tamil Nadu. Construction on the plant began on 31 March 2002.
- 121.(1) The paragraph talks about South Korea overcome with Asian financial crisis twenty years before and now facing internal and external risks resulting to economic crisis. The sentence before the blank tells about the crisis spreading to neighbouring economies from Thailand. Hence the blank must be filled by the sentence related to the above sentence. After reading all the sentences, we can easily infer that sentence (a) is going correctly with the paragraph as it talks about the crisis which will not impact South Korea right away. All other sentences are irrelevant. Hence option (1) is the right choice.
- 122.(2) The paragraph here talks about the project highlighting adoption of the Public private partnership (PPP) in healthcare services for non- communicable diseases. Hence the blank must be filled by the sentence talking about the agreement between the two (public and private partnership). Hence we find that only sentence (2) is going in harmony with the paragraph as it talks about the concessionaire agreement between State governments and selected private partners. Hence option (2) is the right choice.
- 123.(4) The paragraph is giving the statement of Indian Army chief, Gen. BipinRawat, which was given a day after Modi and Xi cordial meet. The sentence before the blank talks about the meeting of Modi and Xi while sentence after the

blank talks about China as rival by Army chief. Hence the blank must be filled by the sentence which states the relation between India and China. Going through all the sentences, we find that sentence (4) goes in agreement with the paragraph talking about the establishment of bilateral ties between the two nations by the two leaders. Hence option (4) is the correct choice.

- 124.(5) The paragraph revolves around the theme of migration of youth from India to West Asia for jobs. The sentence before the blank is telling about the approximate number of workers leaving India while sentence after the blank talks about the exact statistics of number of workers in the year 2016. Hence the blank must be filled by the sentence related to these two arguments. After reading all the sentences, we find that sentence (5) is correct as it tells about the statistics of the number of workers who took the emigration clearance to reach West Asia. Hence option (5) is the right choice.
- 125.(2) Here, while reading the paragraph, we can identify the theme which is the change of government and its policies that happens in every country. The sentence before the blank talks about the usual change of government and its policies while sentence after the blank talks about realizing the pluralist society and polity in which we are living in. Hence the blank must be filled by the sentence related to same theme. After reading all the sentences, we can easily point out that sentence (2) is making the paragraph complete, talking about the changing fundamental of India. Hence option (2) is the correct choice.
- 126-130. The correct sequence after rearrangement of the sentences is DEAFCB.
- 126.(2) 127.(1) 128.(3) 129.(4) 130.(5)
- 131.(3) Use 'are' in place of 'is' because the subject of the verb 'the youths' is plural.
- 132.(5) The sentence is grammatically correct.
- 133.(2) Use 'price' in place of 'prices' as 'onion' is a thing, for which 'price' in singular form is used.
- 134.(5) The sentence is grammatically correct.
- 135.(4) The use of 'being' is superfluous.
- 136.(3) 'has fallen' will be used in place of 'has been fallen' as 'fall' is an intransitive verb for which there is no passive voice.
- 137.(1) The use of 'more' is superfluous as 'more' and 'most' is not used before comparative degree or superlative degree.
- 138.(3) 'keeps' will be used in place of 'keep' as the subject of the sentence 'A ray' is singular.
- 139.(2) 'and' will be used in place of 'or' as conjunction 'and' is used after 'both'.
- 140.(5) The sentence is grammatically correct.
- 141.(2) Refer to the first few sentences of the passage "Despite their many differences of temperament and of literary perspective, Emerson, Thoreau, Hawthorne, Melville, and Whitman share certain beliefs. Common to all these writers is their humanistic perspective. Its basic premises are that humans are the spiritual center of the universe and that in them alone is the clue of the nature, history and ultimately the cosmos itself." Hence option (2) is true.
- 142.(3) Refer to the fourth sentence of the first paragraph "Without denying outright the existence either of a deity or of brute matter, this perspective nevertheless rejects them as exclusive principles of interpretation and prefers to explain humans and the world in terms of humanity itself. This preference is expressed most clearly in the Transcendentalist principle that the structure of the universe literally duplicates the structure of the individual self: therefore, all knowledge begins with self-knowledge." So both (A) and (B) are true. Hence option(c) is correct choice.
- 143.(4) Refer to the second sentence of the second paragraph "Thus, for Emerson, the American Scholar turns out to be simply Main Thinking; while, for Whitman, the Song of Myself merges imperceptibly into a song of all the children of Adam, where every atom belonging to me as good belongs to you." Hence option (4) is correct.
- 144.(1) Refer to the second sentence of the first paragraph "Common to all these writers is their humanistic perspective. Its basic premises are that humans are the spiritual center of the universe and that in them alone is the clue of the nature, history and ultimately the cosmos itself. Without denying outright the existence either of a deity or of brute matter, this perspective nevertheless rejects them as exclusive principles of interpretation and prefers to explain humans and the world in terms of humanity itself." Therefore option (1) is true.
- 145.(4) Only the statement made in option (d) can be inferred from the passage.
- 146.(3)
- 147.(1) 'Transcendentalism' means 'an idealistic philosophical and social movement'. Hence 'philosopher' is the word most similar in meaning to 'transcendentalist'.
- 148.(5) INTROSPECTION means 'the examination or observation of one's own mental and emotional processes'. Hence 'cogitation' is the word most similar in meaning.
- 149.(1) 'imperceptible' means 'so slight, gradual, or subtle as not to be perceived'. Hence 'observably' is the word most opposite in meaning to 'imperceptibly'.
- 150.(4) RECONCILIATION means 'the restoration of friendly relations'. Hence 'conflict' is the word most opposite in meaning.
- 151.(2) Eminent means (of a positive quality) present to a notable degree.
 Prominent means important
 Remarkable means worthy of attention; striking
 Famous means known about by many people
 Hence famous will be the correct choice.
- 152.(3) Dense means closely compacted in substance
 Thick means with opposite sides or surfaces that are far or relatively far apart
 Imbecile means stupid; idiotic.
 Moronic means very foolish or stupid.
 Zap means destroy or obliterate
 Hence dense is the correct choice among all.
- 153.(4) Nebulous means in the form of a cloud or haze; hazy
 Uncouth means lacking good manners, refinement, or grace
 Loutish means (of a man or boy) uncouth and aggressive; toughish
 Philistine means a person who is hostile or indifferent to culture and the arts.
 Worst means of the poorest quality or the lowest standard; least good or desirable.
 Hence worst best fits the purpose.
- 154.(1) Drub means hit or beat (someone) repeatedly.
 Rout means a disorderly retreat of defeated troops

- Whip means move fast or suddenly in a specified direction
Faze means disturb or disconcert (someone).
Close means very near to someone or something; with very little space between.
Hence close will be the correct choice among all the options.
- 155.(3) Wallop means a heavy blow or punch.
Scuttle means a metal container with a handle, used to fetch and store coal for a domestic fire
Lambaste means criticize (someone or something) harshly.
Clobber means defeat heavily
Virtual means not physically existing as such but made by software to appear to do so.
Here, virtual will make the best sense among all the options.
- 156.(2) Sundry means various items not important enough to be mentioned individually.
Flaky means breaking or separating easily into flakes.
Hasty means done with excessive speed or urgency; hurried
Some means an unspecified amount or number of.
Hence some will best explain the meaning here.
- 157.(3) Jarring means incongruous in a striking or shocking way; clashing.
Exiguous means very small in size or amount.
Meager means (of something provided or available) lacking in quantity or quality.
Scanty means small or insufficient in quantity or amount.
Automatic means (of a device or process) working by itself with little or no direct human control.
Hence automatic will be the most suitable option among all.
- 158.(4) Refutation means the action of proving a statement or theory to be wrong or false
Crux means the decisive or most important point at issue.
Dictum means a short statement that expresses a general truth or principle
Dope means smear or cover with varnish or other thick liquid.
Confusion means uncertainty about what is happening, intended, or required.
Here, confusion best fits the purpose.
- 159.(1) Tumult means a loud, confused noise, especially one caused by a large mass of people.
Dither means be indecisive.
Chagrin means annoyance or distress at having failed or been humiliated
Pother means a commotion or fuss
Evidence means the available body of facts or information indicating whether a belief or proposition is true or valid.
Hence evidence will be the best choice among all.
- 160.(4) Pith means the essence of something.
Treatise means a written work dealing formally and systematically with a subject
Publicity means the giving out of information about a product, person, or company for advertising or promotional purposes.
Flashlight means a flashing light used for signals and in lighthouses
Spotlight means intense scrutiny or public attention.
Hence spotlight will be the most exact option among all.
- 161.(3) FORTRAN (Formula Translation) is a general-purpose, imperative programming language that is especially suited to numeric computation and scientific computing.
- 162.(2) A firewall is either hardware or software, or a combination of both. firewall prevent the unauthorized access to or from a private network.
- 163.(4) A metasearch engine (or aggregator) is a search tool that uses another search engine's data to produce their own results from the Internet. Metasearch engines take input from a user and simultaneously send out queries to third party search engines for results. Sufficient data is gathered, formatted by their ranks and presented to the users.
- 164.(2) A relation is in 3NF if an attribute of a composite key is dependent on an attribute of other composite key. If an attribute of a composite key is dependent on an attribute of other composite key then the relation is not in BCNF . hence it has to be decomposed.
- 165.(4) VxWorks, Windows CE, RTLinux are real time OS.
- 166.(3) In Linux-based computer operating systems, init (short for initialization) is the first process started during booting of the computer system.
- 167.(1) The page cache in main memory, which is an example of disk cache
- 168.(1) Amazon Web Services (AWS) is a comprehensive, evolving cloud computing platform provided by Amazon.com
- 169.(2) Styles allow you to apply complex formatting changes to text with a single click.
- 170.(3) ERP is an acronym for 'Enterprise Resource Planning'.
- 171.(2) Super Computers are also known as number crunchers. A super computer's dominant characteristic is its ability to perform large amounts of numerical computations quickly.
- 172.(2) A key is a property of the entire relation, rather than of the individual tuples in which each tuple is unique.
- 173.(4) An intranet is a private network, operated by a large company or other organisation, which uses internet technologies, but is insulated from the global internet.
- 174.(3) Fortran (Formula Translation) is a general-purpose, imperative programming language that is especially suited to numeric computation and scientific computing.
- 175.(1) Windows Virtual Desktop Access (VDA) is an authorization strategy that requires each device seeking access to a Windows virtual desktop in a virtual desktop infrastructure (VDI) to be licensed.
- 176.(1) A computer file is a resource for storing information, which is a saved data document available to a computer program and is usually based on some kind of durable storage.
- 177.(2) An uninterruptible power supply, also uninterruptible power source, UPS or battery/flywheel backup, is an electrical apparatus that provides emergency power to a load when the input power source or mains power fails.
- 178.(2) Linux is a Unix-like and mostly POSIX-compliant computer operating system (OS) assembled under the model of free and open-source software development and distribution.
- 179.(4) Hexadecimal is base 16.
- 180.(1) Windows is a type of operating system.
- 181.(1) Formatting refers to changing font, font-size, indentation, appearance of the text.
- 182.(4) Explanation: In computer networking and telecommunications, a gateway is a component that is part of two networks, which use different protocols. The gateway will translate one protocol into the other.

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- 183.(3) To undo an action Click Undo Button on the Quick Access Toolbar. Keyboard shortcut Press CTRL+Z or F2. For the F2 function key to undo your last action, you might need to press the F-Lock key.
- 184.(4) Ctrl + Shift + P is the shortcut key to access the font size tool on font dialog box.
- 185.(1) 3G, short form of third generation, is the third generation of wireless mobile telecommunications technology.
- 186.(1) MICR is a technology which allows machines to read and process cheques enabling thousands of cheque transactions in a short time. MICR code is usually a nine-digit code comprising of some important information about the transaction and the bank.
- 187.(3) Ctrl + D is the shortcut key to open font dialog box.
- 188.(1) cascade and tile are two ways to arrange multiple windows on the desktop.
- 189.(1) The Root element is the starting element in an HTML document, and it is present in all HTML documents.
- 190.(4) Ctrl+E is used for center align.
- 191.(1) The Graphics Interchange Format (GIF) is used to save simple Web graphics having limited colours. This image format is usually used for Web buttons, charts and text headings.
- 192.(3) Advanced word processing features include all except creation of detailed architectural designs.
- 193.(4) Multi processor chip involves more than one processor placed on a single chip.
- 194.(5) A plugin is a software add-on that is installed onto a program, enabling it to perform additional features. For example, Internet browsers allow users to install plug-ins into the browser to give that browser features not found in the default installation.
- 195.(3) In latest version there are 1,048,576 rows by 16,384 columns.
- 196.(4) Bcc stands for 'Blind Carbon Copy'. The recipients whose e-mail addresses are added in the Bcc field would receive a copy of the email; however, the identity of these recipients would not be disclosed.
- 197.(3) In second generation, magnetic cores were used as primary memory and magnetic tape and magnetic disks as secondary storage devices. In this generation assembly language and high-level programming languages like FORTRAN, COBOL was used.
- 198.(3) Android Oreo is the official name of the next version of Google's mega-popular mobile operating system that's available now for select devices. Oreo focuses on speed and efficiency.
- 199.(3) A dumb terminal is a computer terminal that consists mostly of just a display monitor and a keyboard (and perhaps a mouse as well). It has no internal CPU (central processing unit), and thus has little or no processing power.
- 200.(2) Optical Character Recognition, or OCR, is a technology that enables you to convert different types of documents, such as scanned paper documents, PDF files or images captured by a digital camera into editable and searchable data.