

Grand Test-
IRPM-171108

IBPS RRB PO (Mains)

ANSWER KEY

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

HINTS & SOLUTIONS

- 1.(2) 50% of people in 2015 = 20,000
Now total people in 2017 = 55,000 + 20,000 = 75,000
Number of females in 2017 now = $\frac{3}{8} \times 75,000$
= 28125
Required percentage = $\frac{28125}{75000} \times 100$
= 37.5%
- Another Method**
- Ratio of male and female in 2017 = 5 : 3
Required percentage = $\frac{3}{8} \times 100 = 37.5\%$
- 2.(1) Average of people who use railways over all the years
= $\frac{5000 + 10,000 + 25,000 + 20,000 + 25,000 + 15,000}{6}$
= $\frac{1,00,000}{6}$
Average number of people who use Bus over all the years
= $\frac{10,000 + 15,000 + 20,000 + 15,000 + 10,000 + 10,000}{6}$
= $\frac{80,000}{6}$
Required difference = $\frac{20,000}{6}$
- 3.(4) Total number of people who use all types of transport in year 2014, 2016 and 2017 together
= 30,000 + 55,000 + 55,000 = 1,40,000
Person using all modes in remaining years
= 40,000 + 60,000 + 45,000 = 1,45,000
Required percentage = $\frac{5000}{145000} \times 100$
= 3.44%
 $\approx 4\%$
- 4.(2) Person who use railways overall years
= 5000 + 10,000 + 25,000 + 20,000 + 25,000 + 15,000 = 1,00,000
Person who use airways overall years.
= 15,000 + 15,000 + 10,000 + 20,000 + 25,000 + 20,000 = 1,05,000
Required ratio = 20 : 21
- 5.(3) Total number of females who use all modes of transport over all year = 6N
Total people over all year
= 30,000 + 40,000 + 55,000 + 55,000 + 60,000 + 45,000 = 2,85,000

Required average = $\frac{285000 - 6N}{6} = 47500 - N$

6.(2) While going average speed

$$= \frac{3xyz}{xy + yz + zx} = \frac{3 \times 50 \times 40 \times 60}{50 \times 40 + 40 \times 60 + 60 \times 50}$$

$$= \frac{(3 \times 50 \times 40 \times 60)}{2000 + 2400 + 3000}$$

$$= \frac{7400}{75 + 48.64}$$

$$= 48.64 \text{ km/hr}$$

∴ Average speed during while journey

$$= \frac{2 \times 48.64 \times 75}{(75 + 48.64)}$$

$$\approx 59.01 \text{ km/hr}$$

7.(1) Let no. of innings = x

$$\therefore \frac{6000}{(x-5)} - \frac{6090}{x} = 2$$

$$\Rightarrow x^2 + 40x - 15225 = 0$$

8.(2) Let no. of voters = x

$$\therefore \frac{47x}{100} - \left[\frac{90x}{100} - 60 - \frac{47x}{100} \right] = 308$$

$$\therefore x = 6200$$

9.(4) Required population

$$= \frac{104}{100} \times \frac{104}{100} \times \frac{92}{100} \times \frac{104}{100} \times \frac{104}{100} \times 3000000$$

$$= \frac{3228810}{15 \times 25} + \frac{8 \times 35}{x} = 1, x = 655$$

10.(3) ∴ Required days = $\frac{655}{25} = 26.2 \text{ days}$

- 11.(5) A) M + T + W = 38 × 3 = 114
 B) T + W + Th = 43 × 3 = 129
 C) T = Th = 45

12.(3) All the three together are sufficient
 Let the length of rectangle is ℓ and width is w
 Length becomes = 0.85ℓ
 Width becomes = 1.2b

- A) w = 16 cm
 B) ℓ = 25 cm
 C) w × ℓ = 400 cm

Any two of them are required

13.(5) We can not find because there is no information regarding strength of non-officer employees.

14.(4) Let the marked price is M and cost price is C.

- A) 0.85 M = 1020
 M = 1200
 B) M = $\frac{25}{17} C$
 C) 0.9 M = $\frac{22.5}{17} C$

A and either B or C.

15.(3) B) $\frac{100+80}{v_f - v_s} = 18$

$v_f - v_s = 10$

C) $\frac{100+80}{v_f + v_s} = 9$

$v_f + v_s = 20$

From B & C

$v_f = 15 \text{ m/sec}$

$v_s = 5 \text{ m/s.}$

16.(1) Pattern is
 $7^2, 6^3, 5^4, 4^5, 3^6, 2^7$
 $2^7 = 128$

17.(2) Series is
 71 216 868 4345 26076
 ↑ ↑ ↑ ↑ ↑
 ×3+3 ×4+4 ×5+5 ×6+6

18.(5) -28, -28, -28,
 ∴ 122 - 28 = 94

19.(3) 19 25 42 71 113 169
 ↑ ↑ ↑ ↑ ↑
 +6 +17 +29 +42 +56
 ↑ ↑ ↑ ↑
 +11 +12 +13 +14

20.(4) Pattern is
 $8 \times 1 - 1 \times 1 = 7$
 $7 \times 2 - 2 \times 2 = 10$
 $10 \times 3 - 3 \times 3 = 21$
 $21 \times 4 - 4 \times 4 = 68$
 $68 \times 5 - 5 \times 5 = 315$

21.(2) Let initial CP = 100 Rs.
 When the shopkeeper cheats from manufacturer then he will get 110 units in the price of 100 units

∴ profit % = $\frac{10}{100} \times 100 = 10\%$

∴ New price = Rs. 110 Rs.

Now MP = 132

SP = 132 - 26.4 = 105.60

Now the shopkeeper cheats from the customer

He actually sold 90 units instead of 100 units

90 → 100

$1 \rightarrow \frac{100}{90}$
 $110 \rightarrow \frac{100}{90} \times 110 = \frac{1100}{9}$

SP of actual 110 unit = $\frac{105.6}{110} \times \frac{1100}{9} = 117\frac{1}{3}$

His net profit = $17\frac{1}{3}\%$

22.(4) A → 3 × 700 + 3 × 500 + 6 × 620
 B → 600 × 12

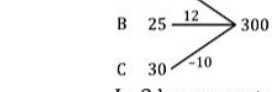
∴ A → 7320 = 366 = 183

B → 7200 = 360 = 180

∴ Ratio of their investment = 183 : 180

∴ Amount, A receive = $\frac{183}{363} \times 726$

= 183 × 2 = 366 Rs.



In 3 hours part of the tank filled = 15 + 12 - 10 = 17

In 51 hours part of the tank filled = 17 × 17 = 289

∴ Required time = $51 - \frac{(300-289)}{15}$

= $51\frac{11}{15}$ hours

24.(2) Let A can finish the job in x days.

Then, B can finish the job in x + 3 days.

Now, $\frac{4}{x} + \frac{10}{x+3} = 1$

On solving the above equation, we get x = 12

Grand Test – IRPM-171108



25.(3) The sum of last three no's
 $= (20 \times 8) - \left[(2 \times 15.5) + 3 \times \frac{64}{3} \right]$
 $= 160 - 31 - 64$
 $= 65$

Let 6th No. = x
 \therefore 7th No. = $x + 4$
 8th No. = $x + 7$
 $\therefore x + (x + 4) + (x + 7) = 65$
 $3x = 54$
 $x = 18$
 \therefore 8th No. = $18 + 7 = 25$

26.(2) Using alligation,
 $\begin{array}{ccc} 25\% & & 75\% \\ & \searrow & / \\ & x & \\ & / & \searrow \\ 2 & & 3 \end{array}$

$\frac{75 - x}{x - 25} = \frac{2}{3}$
 $\Rightarrow x = 55$

Ratio of honey to water in new mixture is 55 : 45
 $= 11 : 9$

27.(3) Let the original speed be $5x$ km/hr
 We get the 9 min. difference by travelling 18 km more at same speed.

Therefore,
 ATQ,
 $\frac{18}{4x} - \frac{18}{5x} = \frac{9}{60}$
 $\frac{2}{4x} - \frac{2}{5x} = \frac{1}{60}$
 $\frac{10-8}{20x} = \frac{1}{60}$
 $x = 6$ km/hr

\therefore Original speed = 30 km/hr

28.(2) Both cross each other after 12 min.
 This means distance between them is $25 \times \frac{12}{60} = 5$ km

They will meet again after their first meeting after $\frac{10}{25} \times 60 = 24$ min

29.(1) Let radius of 1st cone be r_1 and that of second cone be r_2 .

$\pi r_1^2 \ell = 3(\pi r_2^2 \cdot 3\ell)$
 or, $\pi r_1^2 \ell = 9\pi r_2^2 \ell$
 $\Rightarrow \frac{r_1}{r_2} = \frac{9}{1}$

Ratio of areas = 81 : 1

30.(1) Let C.P. = x
 $\therefore x - 703 = 0.75 \times (836 - x)$
 or, $x = 760$ Rs.

\therefore Required S.P. = $1.2 \times 760 = \text{Rs. } 912$

31.(3) Required % = $\frac{24.5}{175+105} \times 100$
 $= \frac{24.5}{280} \times 100 = 8.75\%$

32.(1) Required % = $\frac{15.75+21}{280} \times 100$
 $= \frac{36.75}{280} \times 100$
 $= 13.125\%$

33.(3) Required % = $\frac{21-19.95}{19.95} \times 100$
 $= 5.26\%$

34.(4) Difference = $\frac{74.9-61.25}{3}$
 $= 4.55$ lakh

35.(4) Corresponding angle of 'other' from book
 Section = $34 \times \frac{18}{5} = 122.4^\circ$

Corresponding angle of 'other' from magazine section
 $= \frac{24 \times 18}{5} = 86.4^\circ$

Difference = $122.4^\circ - 86.4^\circ = 36^\circ$

36.(2) Required Average = $\frac{21600}{6} = 3600$

37.(4) Required = $\frac{432+936+810}{2052+1836+1008} = \frac{2178}{4896} = \frac{121}{272}$

38.(3) Required difference = $3672 - 1866 = 1806$

39.(5) Required ratio = $\frac{19 \times \frac{14}{38} \times 216}{22 \times \frac{19}{44} \times 216} = \frac{14}{19} \times 100$
 $= 73.68\%$

40.(2) Required angle = $\frac{360}{100} \times 22$
 $= 79.2^\circ$

41-45. Step 1. From the information given in the question, Only B and E are from BJP. E is the chief minister of Orissa. A is the chief minister of New Delhi. G and the chief minister of Bihar are the only two persons from AAP. We get,

Persons	Party	State
A		New Delhi
B	BJP(2)	
C		
D		
E	BJP(2)	Orissa
F		
G	AAP(2)	

Step 2. Proceeding with the remaining information, D and F belong to the same party. It means that party must be congress as it is already given that only two persons belongs to BJP and AAP. G and the chief minister of Bihar are the only two persons from AAP. So C must be the one who is the chief minister of Bihar and belongs to AAP. The Chief minister of New Delhi i.e. A must be the one who belongs to Congress as there is no other possibility.

Persons	Party	State
A	Congress	New Delhi
B	BJP	
C	AAP	Bihar
D	Congress	
E	BJP	Orissa
F	Congress	
G	AAP	

Step 3. Proceeding with the remaining information, The Chief minister of West Bengal does not belong to BJP. The chief ministers of UP and West Bengal are not from Congress. That means the chief minister of West Bengal must be the one who belongs to AAP. So G will be the chief minister of West Bengal. Similarly B who belongs to BJP must be the chief minister of UP. F is not the chief minister of Maharashtra. So F must be the chief minister of Karnataka and D must be the chief minister of Maharashtra.

So, we get our final solution as,

Persons	Party	State
A	Congress	New Delhi
B	BJP	UP
C	AAP	Bihar
D	Congress	Maharashtra
E	BJP	Orissa
F	Congress	Karnataka
G	AAP	West Bengal

41.(2)
43.(4)
46-50.

42.(1)
44.(4) 45.(3)

Students let us understand the Logic behind this Question and let's understand how to solve it. As a first step let's first understand the logic behind the Output. If you will see the final output you will observe the following:

- (i) The machine rearranges one word and one number in each step.
- (ii) The words are arranged in descending order based on the number of vowels in the given word. If two words contain the same number of vowels, then they are arranged in alphabetical order from left to right in each step.
- (iii) While the numbers are arranged in decreasing order from left to right alternatively, even number first, followed by prime number alternatively.

Now lets take the arrangement given in the Question
Input: rock 31 rain 13 40 stock 86 takes 72 demotion worship 29

Step I: demotion rock 31 rain 13 40 stock takes 72 worship 29 86

Step II: demotion rain rock 13 40 stock takes 72 worship 29 86 31

Step III: demotion rain takes rock 13 40 stock worship 29 86 31 72

Step IV: demotion rain takes worship rock 13 40 stock 86 31 72 29

Step V: demotion rain takes worship rock stock 13 86 31 72 29 40

Step VI: demotion rain takes worship rock stock 86 31 72 29 40 13

46.(2)
48.(2)
51-55.

47.(2)
49.(1) 50.(5)

Step 1: From the given conditions: - R does not use Marker pen. P attended the farewell party immediately after R. Only one person attended farewell party between R and the one who uses Note Book. There is only one person who attended the seminar between R and the person who likes Pencil. The one who uses Pencil attended the farewell party in the month having less than 31 days. The one who uses Scale attends the farewell party immediately before R. So from these conditions it is clear that R attends the farewell part in the August month or in April.

Case 1:

MONTHS	PERSON	STATIONARY	ITEM
February		Pencil	
March		Scale	
April	R	Marker pen	
May	P		
August		Notebook	
October			
December			

Case 2:

MONTHS	PERSON	STATIONARY	ITEM
February			
March			
April		Pencil	
May		Scale	
August	R	Marker pen	
October	P		
December		Notebook	

Step 2: From the given conditions: - The one who uses Sharpener attended the farewell party immediately before the one who use Note book. S does not use scale. The person who uses Marker pen attended the farewell party in the month having less than 30 days. So from this condition it is clear that Case 1 will be eliminated. Now the person who likes Dairy milk attends the farewell party on one of the months after March which has less than 31 days. The person who likes Hotdog attends the farewell party in the month immediately before the one who likes Snickers and immediately after the one who likes Dairy Milk.

Case 2:

MONTHS	PERSON	STATIONARY	ITEM
February		Marker Pen	
March			
April		Pencil	Dairy Milk
May	S	Scale	Hot dog
August	R		Snickers
October	P	Sharpener	
December		Notebook	

Step 3: From the remaining conditions: - There are two persons attend the farewell party between the one who likes dairy milk and the one who likes pizza. The person who likes Pizza attends the farewell party immediately before the one who likes Cake. Only two persons attended farewell party between P and Q. M attended farewell party in that month which has less than 31 days. O attended the farewell party immediately after M. O does not like Burger. The one who likes sandwich does not uses Pen. From these conditions R uses pen and M likes Burger, O like's sandwich. Hence we get our final arrangement.

MONTHS	PERSON	STATIONARY	ITEM
February	M	Marker Pen	Burger
March	O	Eraser	Sandwich
April	Q	Pencil	Dairy Milk
May	N	Scale	Hot dog
August	R	Pen	Snickers
October	P	Sharpener	Pizza
December	S	Notebook	Cake

51.(1)
53.(2)
56-60. 52.(3)
54.(5) 55.(5)

Step 1. From the information given in the question, B, who have not purchased a flat in Rohini, purchased a flat which is on the third floor. Neither A nor E purchased a flat on third floor or fourth floor. Neither of A or C purchased a flat in Dwarka. The persons who purchased a flat in Dwarka have not purchased a flat on third floor. It is given that two persons have purchased a flat in Dwarka. It means D and E are the ones who have purchased a flat in Dwarka.

PERSONS	Locations	Floor
A		3 rd , 4 th
B	Rohini	Third Floor
C		
D	Dwarka	
E	Dwarka	3 rd , 4 th

Step 2. Proceeding with the remaining information,

Grand Test – IRPM-171108



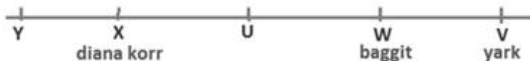
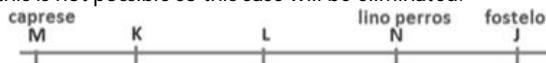
Two of them have purchased a flat on third floor. It means C is the one who has purchased a flat on third floor. One of them has purchased a flat in Nehru place on second floor. It means A have purchased a flat on second floor and C is the one who have purchased a flat in Rohini as there is no other possibility. Similarly B is the one who have purchased a flat in Paschim Vihar. Since E has not purchased a flat on fourth floor. It means D has purchased a flat on fourth floor and E has purchased a flat on ground floor.

Persons	Locations	Floor
A	Nehru place	Second floor
B	Paschim vihar	Third floor
C	Rohini	Third floor
D	Dwarka	Fourth floor
E	Dwarka	Ground floor

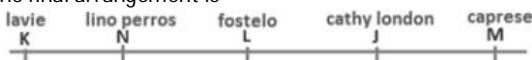
56.(1)
58.(5)
61-65.

57.(5)
59.(2)
60.(3)

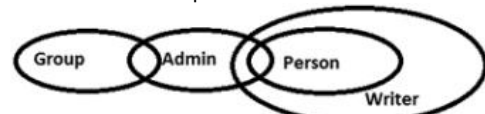
i. It is given that there are only two women sit between the one who likes Caprese brand, who sits at an extreme end and N. There is only one woman between L and M, who like Caprese brand so M likes Caprese brand and there can be two possibilities-
ii. Case-1- When M sits at the extreme right end, N sits third to the left of M. L sits to the immediate right of N. K is not sitting at the extreme left end so J sits at extreme left end. U, who sits in the middle of the row is not an immediate neighbour of V, who doesn't like Alessia brand. N who likes Lino perros brand sits on the immediate right of the person who likes Fostelo brand. N faces the immediate neighbour of V so V sits at the extreme right end. J likes fostelo brand.
iii. Y is sitting at an extreme end so Y sits at the extreme left end. W, who likes Baggit brand, is an immediate neighbour of the person who likes Yark brand and the person who likes Yark brand faces the immediate neighbour of the person who likes Lino perros brand. U does not like Yark brand so V likes yark brand and W and V are immediate neighbours. X likes Diana korr brand. There are two women between the woman who likes Cathy London brand and the woman who likes Lavie brand but this is not possible so this case will be eliminated.



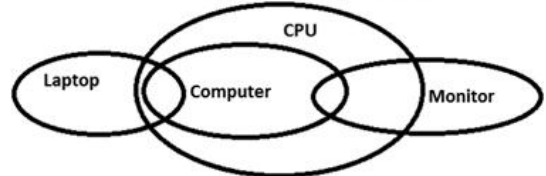
iv. Case-2- When M sits at the extreme left end, N sits third to the right of M. K does not like Cathy London brand. After using the conditions which are used in case-1, L likes fostelo brand, K likes lavie brand, J likes cathy London brand. Y does not like Adisa brand so U likes Adisa brand. The final arrangement is-



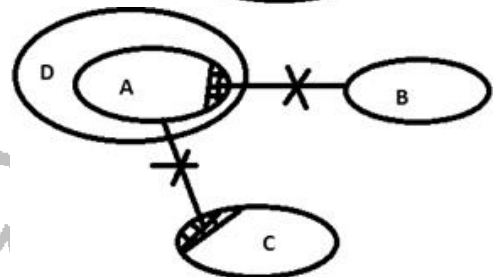
61.(4)
63.(4)
66.(3)
67.(1)
62.(4)
64.(3)
65.(4)
There are two such pairs i.e. EI and ON



68.(4)



69.(3)



70.(4) K > J > N > O > L > M. Four persons are between K and M if they are arranged in descending order of their age.
71-75. Step-1: - First we have to calculate all the ages with respect to 2017 which is given in the statement. Assuming months and date to be same So that after calculation we get -

Year	Ages
2017-1950	67
2017-1962	55
2017-1971	46
2017-1978	39
2017-1982	35
2017-1995	22
2017-1999	18

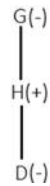
Step-2:- F who is sister in law of A, was born after 1978 but not in 1995 and does not have Nexus and Lenovo phone so F was born in 1982 and A was born in 1971 as Sum of the present ages of F and A is 81 A has honor mobile phone. The Difference between the ages of A and H is less than 9. So the only possible age for H is 39 years only.

Years	Ages	Persons	Mobile phone
1950	67		
1962	55		
1971	46	A	Honor
1978	39	H	
1982	35	F	Nexus, Lenove
1995	22		
1999	18		

Step-2:- H, who is father of the person whose age is 22 year and B, is not 67 years old. B was born in an odd no. of years after H but not in 1995 so B was born on 1999 only. Sum of the ages of D and G is 77 and their relation is grandmother and granddaughter. D is younger than G and does not have Xiami and Nexus mobile phone. So D's and G's ages are 22yr and 55yr respectively. Rest E's age is 67yr.

Years	Ages	Persons	Mobile phone
1950	67	E	
1962	55	G	
1971	46	A	Honor
1978	39	H	
1982	35	F	Nexus, Lenove
1995	22	D	Xiami, Nexus
1999	18	B	

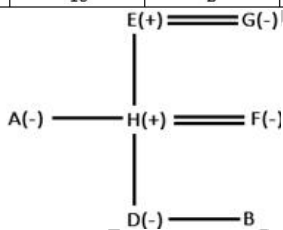
Grand Test – IRPM-171108



Step-3:- The one who has one plus phone was born before H but not on 1950 so that the one who has one plus is G. E is the oldest who does not have Xiaomi and Redmi mobile phone .There are two persons whose ages are between the one who has Xiaomi and the one who has Redmi mobile phone. The person who has Redmi phone is born after H. so H has Xiaomi and B has Redmi. D does not have Xiaomi and Nexus mobile phone. So D has Lenovo and E has Nexus phone. The person who has Honor mobile is daughter of E so A is daughter of E. The one who has Redmi phone is a child of F who is the sister in law of A. It is also given that there are three generations and two married couples in the family.

So, we get our final solutions as,

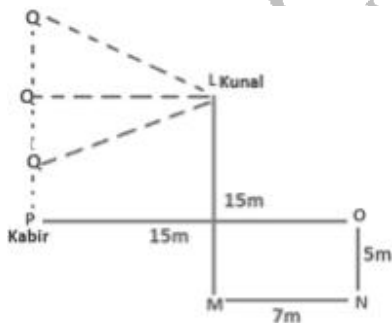
Years	Ages	Persons	Mobile phone
1950	67	E	Nexus
1962	55	G	One plus
1971	46	A	Honor
1978	39	H	Xiaomi
1982	35	F	Micromax
1995	22	D	Lenovo
1999	18	B	Redmi



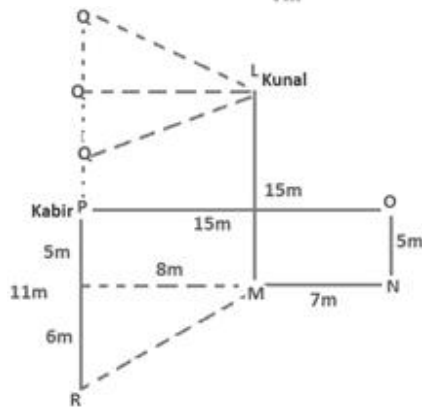
71.(1)
73.(2)
76.(2)

72.(5)
74.(5)

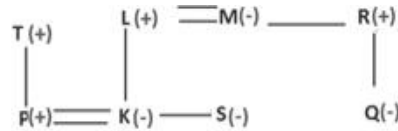
75.(3)



77.(2)

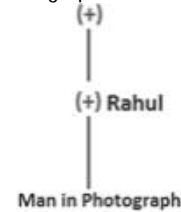


78.(4)



79.(2)

Since Rahul who is telling that he has no brother or sister, so his father's son is he himself. So the man in the photograph is his son.



80.(4)

Mohan > Neeraj > Kamal > Harish > Shyam > Ram

81.(4)

The World Tourism Day is celebrated across the world on 27th of September. Its purpose is to foster awareness among the international community of the importance of tourism and its social, cultural, political and economic value. The theme for World Tourism Day 2017 is 'Sustainable Tourism – a Tool for Development'.

82.(3)

The small finance banks will be required to extend 75 per cent of its Adjusted Net Bank Credit (ANBC) to the sectors eligible for classification as priority sector lending (PSL) by the Reserve Bank.

83.(2)

A promissory note is a legal instrument in which one party (the maker or issuer) promises in writing to pay a determinate sum of money to the other (the payee).

84.(4)

India launched a campaign to woo Egyptian travellers and make them aware of magnificent holiday options in the country. The month-long "Incredible India!" campaign has been organised by the Embassy of India in Cairo. Cairo is the capital and largest city of Egypt

85.(4)

Multi Commodity Exchange of India Ltd (MCX) is an independent commodity exchange based in India. It was established in 2003 and is based in Mumbai.

86.(1)

Bilal Dar, a young boy from Srinagar has become the brand ambassador for Srinagar Municipal Corporation. Dar has been contributing to the 'Swachhta Abhiyan' since the age of 12.

87.(2)

Trans Union CIBIL Limited is India's first Credit Information Company, also commonly referred as a Credit Bureau. It collect and maintain records of individuals' and non-individuals' (commercial entities) payments pertaining to loans and credit cards.

88.(3)

The Nobel Prize is a set of annual international awards bestowed on "those who conferred the greatest benefit on mankind" in the fields of Physics, Chemistry, Physiology or Medicine, Literature, Peace and Economics.

89.(4)

Devendra Jhajharia became the first para athlete to receive India's highest sporting honour Rajiv Gandhi Khel Ratna along with hockey star Sardar Singh.

90.(3)

Atal Pension Yojna (APY) a guaranteed pension scheme administered by PFRDA and established by Government of India. This scheme mainly for workers in unorganised sector.

91.(4)

Private sector, Public sector and State government can set up Special Economic Zones (SEZs).

92.(4)

In a bid to bring together the Indian scientists abroad and India-based researchers for conducting joint researches in India, the Department of Science and Technology (DST)

Grand Test – IRPM-171108



- launched a scheme named 'Visiting Advanced Joint Research Faculty' (VAJRA).
- 93.(4) An escrow account is a temporary pass through account held by a third party during the process of a transaction between two parties. Definition: An escrow account is a temporary pass through account held by a third party during the process of a transaction between two parties
- 94.(3) Domestic telecom equipment provider Vihaan Networks Limited (VNL) signed a Memorandum of Understanding (MoU) with Bharat Sanchar Nigam Limited (BSNL) to launch "Relief 123" service to provide disaster management in India. The "Relief 123" service is an integrated disaster response solution for first responders and public safety agencies. The solution is designed and manufactured by VNL and the backhaul connectivity will be provided by BSNL.
- 95.(3) The Securities and Exchange Board of India (SEBI) allowed Infrastructure Investment Trusts (InvITs) and Real Estate Investment Trusts (REITs) to raise capital by issuing debt securities. The move will help attract investors to the capital-starved property sector. In addition to allowing bond issuances, SEBI also introduced the concept of strategic investor for REITs, similar to InvITs.
- 96.(3) Bharti Airtel has received Ghana's National Communications Authority's approval for the merger between Bharti Ghana (Airtel) and Millicom Ghana (Tigo), subject to certain conditions. This merger will result in an entity which will be the second largest mobile network operations in the country.
- 97.(1) Senior Citizen Savings Scheme (SCSS) Account- An individual of the Age of 60 years or more may open the account
- 98.(1) The World Bank is like a cooperative, made up of 189 member countries. These member countries, or shareholders, are represented by a Board of Governors, who are the ultimate policymakers at the World Bank.
- 99.(3) NTPC Dadri or National Capital Power Station (NCPS) owned and operated by NTPC is located in the Gautam Budh Nagar district of Uttar Pradesh, about 48km from the Indian capital New Delhi
- 100.(3) The world's first-ever Bitcoin ATM opened in Vancouver, Canada. It enables Bitcoin owners to exchange the digital currency for cash, and vice versa. Bitcoin is a digital currency also called crypto-currency that is not backed by any country's central bank or government. Bitcoins can be traded for goods or services with vendors who accept Bitcoins as payment.
- 101.(4) The Reserve Bank has extended the scope of Banking Ombudsman Scheme under which banks could be penalized for miss-selling third-party products like insurance and mutual funds via mobile or electronic banking. The pecuniary jurisdiction of the Banking Ombudsman to pass an award has been doubled to Rs 20 lakh.
- 102.(4) The Special Drawing Right (SDR) is an international reserve asset, created by the IMF in 1969 to supplement the existing official reserves of member countries.
- 103.(4) Playboy magazine founder Hugh Hefner dies at the Playboy Mansion at age 91.
- 104.(4) Headquarter of ABN AMRO Bank in Netherland
- 105.(1) This game reserve was declared a wildlife sanctuary in 1940. It is situated at the crossroads of Tamil Nadu, Kerala and Karnataka and is in the northwest of the Nilgiris. This sanctuary is home to a large variety of fauna and flora including tropical green forests and dry deciduous forests
- 106.(4) The Asian Development Bank (ADB) is a regional development bank established on 19 December 1966 which is headquartered are located in Mandaluyong, Metro Manila, Philippines. Region served Asia-Pacific Membership- 67 countries
President- Takehiko Nakao
- 107.(2) Stockholm is the capital of Sweden. Its Currency is Swedish krona.
- 108.(5) UNICEF stands for United Nations International Children's Emergency Fund.
- 109.(1) Only ICICI Bank is authorized to handle the Senior Citizens Savings Scheme (SCSS), 2004.
- 110.(2)
- 111.(3) FIFA Women's World Cup 2019 will be held in France.
- 112.(5) After a year or more of due-diligence, the RBI has notified that peer-to-peer (P2P) lending platforms need to be regulated and treated on par with non-banking financial companies (NBFCs).
- 113.(4) The Reserve Bank of India has issued Rs 200 denomination banknotes in the Mahatma Gandhi (New) Series, bearing the signature of Dr. Urjit R. Patel, Governor, Reserve Bank of India from select RBI offices, and some banks. The new denomination has Motif of Sanchi Stupa on the reverse, depicting the country's cultural heritage.
- 114.(4) Prime minister Narendra Modi has recently constituted Economic Advisory Council to the Prime Minister (PMEAC) under the chairmanship of NITI Aayog member Bibek Debroy. The 5-member Economic Advisory Council (EAC) will address the issues of macroeconomic importance. The council will also analyse and advise the Prime Minister on any issue, economic or otherwise, referred by him. Besides Debroy, the council includes NITI Aayog's principal adviser Ratan Watal as its member and economists Surjit Bhalla, Rathin Roy and Ashima Goyal as part-time members.
- 115.(4) Visakhapatnam Port has taken significant steps to increase its capacity. These include construction of new berths and terminals , modernising berths with state of the art loading/unloading equipment to improve operational efficiency and deepening of channels to accommodate larger vessels.
- 116.(5) The WTO agreements cover goods, services and intellectual property. They spell out the principles of liberalization, and the permitted exceptions. They include individual countries' commitments to lower customs tariffs and other trade barriers, and to open and keep open services markets. They set procedures for settling disputes.
- 117.(3) Tarapur Atomic Power Station (T.A.P.S.) is located in Tarapur, Maharashtra, India. With a total capacity of 1400 MW, Tarapur is the largest nuclear power station in India. The facility is operated by the NPCIL (Nuclear Power Corporation of India).
- 118.(4) The National Green Tribunal banned the use of 'Chinese' kite strings, made of nylon or any synthetic material on the grounds that it poses threat to life and environment. Mr. Justice Swatanter Kumar is the Present Chairperson of NGT.
- 119.(3) The Ngultrum is the currency of Bhutan. It replaced the rupee in 1974. It is subdivided into 100 chhertum. The Ngultrum is currently pegged to the Indian rupee at par.

- 120.(3) In a bid to promote environment-friendly system, Indian Railways launched its first 1,600 HP solar powered Diesel Electric Multiple Unit (DEMU) train with a unique facility of Battery Bank from Safdarjung station, New Delhi.
- 121.(4) 'retained, stability' is the correct set of words that makes the sentence meaningful.
Contended means assert something as a position in an argument.
Placidity means peaceful or calm.
Equanimity means calmness and composure, especially in a difficult situation.
- 122.(3) 'awarded, detection' is the correct set of words that makes the sentence meaningful.
Acceded means agree to a demand, request, or treaty.
Relinquish means voluntarily cease to keep or claim, give up.
- 123.(5) 'offers, whereby' is the correct set of words that makes the sentence meaningful.
- 124.(2) 'decision, threat' is the correct set of words that makes the sentence meaningful.
Foreboding means a feeling that something bad will happen.
Exigency means an urgent need or demand.
- 125.(1) 'survey, responses' is the correct set of words that makes the sentence meaningful.
Elucidation means explanation that makes something clear, clarification.
Appraisal means an estimate of value, as for sale, assessment, or taxation.
- 126.(2) Option (3) is a part of option (2).
- 127.(3) Refer the last two sentences of the first paragraph.
- 128.(2) Refer "in irrigation systems", "keep track of land holdings" (fourth paragraph).
- 129.(1) Refer the second paragraph and the first sentence of the third paragraph.
- 130.(2) Refer the last sentence of the fourth paragraph.
- 131.(5) The sentence is grammatically correct.
- 132.(3) Use 'believe' in place of 'believes' as the pronoun 'those' used in the part (c) of the sentence is plural, for which plural verb is required.
- 133.(3) Use 'tore' in place of 'torn' as simple past tense is used for the incident occurred in past. Moreover, the past form of 'tear' is 'tore' and its past participle form is 'torn'.
- 134.(2) 'not' will not be used here because after 'refuse, deny, prohibit, prevent, forbid', 'no' or 'not' is not used.
Ex. (i) He refused to help me.
(ii) She forbade me to go there.
- 135.(1) Use 'became' in place of 'become' because 'recent election' used in part (c) of the sentence indicates that the incident is of the past, for which simple past tense is used.
- 136.(2) Leak means (of secret information) become known
Disclose means make (secret or new information) known
Confess means a formal statement admitting that one is guilty of a crime
Withhold means refuse to give (something that is due to or is desired by another)
Disavow means deny any responsibility or support for
Hence disclose will be the correct choice
- 137.(3) Forthrightness means being direct, clear, or even straight-up.
Diocery is a characteristic of a species meaning that it has distinct male and female individual organisms
- Secrecy means the action of keeping something secret or the state of being kept secret.
Prophecy means a prediction of what will happen in the future
Monoecy means having both male and female organs in the same individual
Hence secrecy is the correct choice among all.
- 138.(4) Attest means provide or serve as clear evidence of.
Refute means prove (a statement or theory) to be wrong or false; disprove
Hence indicate best fits the purpose
- 139.(1) Derision means contemptuous ridicule or mockery.
Spum means contemptuous ridicule or mockery.
Hence elevation will be the correct choice among all the options.
- 140.(3) Domain means an area of territory owned or controlled by a particular ruler or government
Province means a principal administrative division of a country or empire
Hence domain will best explain the meaning here.
- 141.(2) Heedlessness means careless; thoughtless; unmindful
Discreetness means modestly unobtrusive; unostentatious.
Imprudence means lacking self-restraint
Hence discreetness will be the most suitable option among all.
- 142.(1) Pertain means be appropriate, related, or applicable to Here, pertain best fits the purpose.
- 143.(2) Bang means strike or put down (something) forcefully and noisily
Tap means exploit or draw a supply from (a resource).
Hence strike will be the most exact option among all.
- 144.(5) Reckon means establish by calculation
Portend means be a sign or warning that (something, especially something momentous or calamitous) is likely to happen.
Augur means (of an event or circumstance) portend a good or bad outcome.
Here, augur best fits the purpose.
- 145.(1) Saliency means the quality of being particularly noticeable or important; prominence.
Unambiguity means possession of one clear meaning
Hence saliency will be the correct choice
- 146-150. The correct sequence is GACDEBHF
- 146.(1) 147.(3)
148.(2) 149.(4) 150.(3)
- 151.(3) Refer to the line from paragraph 2..., "Egoistic suicide is promoted when individuals do not have sufficient social ties: Since single (never married) adults, for example, are not heavily involved with family life, they are more likely to commit suicide than the married adults". Hence, egoistic suicide is the right answer choice.
- 152.(2) Refer to the line from paragraph 3..., "Durkheim's third type of suicide-anomic suicide-increases when the social regulation of individuals is disrupted" and higher suicide rate during rapid progress in a society is a manifestation of anomic suicide.
- 153.(2) Refer to the line from paragraph 3..., "Durkheim's third type of suicide-anomic suicide-increases when the social regulation of individuals is disrupted. For example, suicide rates increase during economic depression". Anomic suicide is thus the right answer choice.

- 154.(1) Refer to the lines from paragraph 1..., "Durkheim documented his contention that some aspects of human behaviour even something as allegedly individualistic as suicide can be explained without reference to individuals". This shows that Durkheim's main purpose was to document that suicide can be explained without reference to the individual. Hence, option (1) is the right answer
- 155.(1) Refer to the line from paragraph 2..., "Altruistic suicide, on the other hand, is more likely to occur when social integration is too strong. The ritual suicide of Hindu widows on their husbands funeral pyres is one example". This explains option (1) is thus the right answer
- 156.(5) According to Durkheim, suicide rates within a social entity can be explained in terms of absence of social ties, disruption of social regulation and nature of social integration. This is evident from paragraph 2 of the passage. Hence, option (5) is the right answer choice
- 157.(1) Refer to the lines from paragraph 2..., "Altruistic suicide, on the other hand, is more likely to occur when social integration is too strong. Military personnel, trained to lay down their lives for their country, provide another illustration". This makes option (1) as the right answer choice
- 158.(5) The line from the last paragraph..., "Durkheim used the following indicators to support several of his contentions. (1) Social behaviour, can be explained by social rather than psychological factors. (2) Suicide is affected by the degree of integration and regulation within social entities; and (3) Since society can be studied scientifically, sociology is worthy of recognition in the academic world" explain that he relied on all the indicators to support his contention. Option (5) is thus the right answer choice.
- 159.(2) Refer to the last line of the passage... "Durkheim was successful on all three counts". Hence, option (4) is the right answer choice
- 160.(3) Contention means an assertion, especially one maintained in argument. Hence it has same meaning as allegation. Rampant means flourishing or spreading unchecked. Myraid means a countless or extremely great number of people or things. Vogue means popular. Zest means great enthusiasm and energy.
- 161.(2) A compiler is a software program that transforms high-level source code into a low level object code (binary code) in machine language, which can be understood by the processor. Compiler convert the whole programe in a single step.
- 162.(2) Ctrl+ W closes a tab on a browser and Alt + F4 closes the whole application program.
- 163.(2) The terms "online" and "offline" have specific meanings in regard to computer technology in which "online" indicates a state of connectivity, while "offline" indicates a disconnected state.
- 164.(2) Netiquettee is the rules of etiquette that apply when communicating over computer networks, especially the Internet.
- 165.(4) Software is a set of computer programs used on a computer to help perform tasks. Computer software, or simply software, is that part of a computer system that consists of encoded information or computer instructions, in contrast to the physical hardware from which the system is built
- 166.(3) ScreenTip is a small window that appears when the pointer is rolled over a command or control. It shows the descriptive text for that command or control.
- 167.(4) User friendly instructions are easy to understand by the user.
- 168.(1) One way or single factor authentication is the traditional security process that requires one of the following elements before granting access to the users.
- 169.(5) Pull down menu shows further sub-choices.
- 170.(4) Backup that is going to be done outside of the server is known as Server Free Backup.
- 171.(2) Backup is the copy of the original data.
- 172.(3) Through Telnet, an administrator or another user can establish a connection to someone else's computer remotely. On the Web, HTTP and FTP protocols allow you to request specific files from remote computers, but not to actually be logged on as a user of that computer.
- 173.(2) System disk is used to cold boot a PC.
- 174.(5) It is a movable indicator on a computer screen identifying the point that will be affected by input from the user.
- 175.(2) Monitor and Plotter are output devices.
- 176.(1) A telecommunication device is an electronic device used for communication via a telecommunication network.
- 177.(5) A filename extension is an identifier specified as a suffix to the name of a computer file.
- 178.(4) Compiler is a type of Translator
- 179.(1) UNIVAC is the name of a line of electronic digital stored-program computers starting with the products of the Eckert-Mauchly Computer Corporation.
- 180.(3) A relational database management system (RDBMS) is a database management system (DBMS) that is based on the relational model as invented by E. F. Codd. Relational databases have often replaced legacy hierarchical databases and network databases because they are easier to understand and use.
- 181.(2) RT Linux is a hard real time RTOS microkernel that runs the entire Linux operating system as a fully preemptive process. The hard real-time property makes it possible to control robots, data acquisition systems, manufacturing plants, and other time-sensitive instruments and machines from RTLinux applications.
- 182.(2) A URL is one type of Uniform Resource Identifier (URI); the generic term for all types of names and addresses that refer to objects on the World Wide Web. The term "Web address" is a synonym for a URL that uses the HTTP or HTTPS protocol.
- 183.(1) 1024 bytes = 1KB, hence 30,000 bytes are nearly equal to 30 KB.
- 184.(3) In computer science, a graphical user interface (GUI), is a type of user interface that allows users to interact with electronic devices through graphical icons and visual indicators.
- 185.(1) WWW refers to World Wide Web.
- 186.(5) IP, TCP and Gopher all are protocols governing the internet. IP-Internet Protocol, TCP- Transmission Control Protocol
- 187.(4) Video Graphics Array (VGA) refers specifically to the display hardware first introduced with the IBM PS/2 line of computers, but through its widespread adoption has also come to mean either an analog computer display standard, the 15-pin D-subminiature VGA connector or the 640x480 resolution itself.

Grand Test – IRPM-171108



- 188.(2) An entity set containing a primary key is called a strong entity set. A strong entity set has key attributes.
- 189.(5) Unicode supports Japanese and Chinese font.
- 190.(3) Encryption is the most effective way to achieve data security. To read an encrypted file, you must have access to a secret key or password that enables you to decrypt it. Unencrypted data is called plain text; encrypted data is referred to as cipher text.
- 191.(4) An IPv6 address is 128 bits long.
- 192.(4) In the machine cycle steps illustrated in the accompanying figure, Executing is the process of carrying out commands.
- 193.(1) System software is developed to serve as a bridge between the hardware and the user, as the software directly communicates with the hardware. Operating systems and debuggers are two best examples of system software
- 194.(5) Applications software (also called end-user programs) include such things as database programs, word processors, Web browsers and spreadsheets, MS Office suite. An application program is a computer program designed to perform a group of coordinated functions, tasks, or activities for the benefit of the user.
- 195.(1) Ole type can store photos in MS Access.
- 196.(2) Television is an example of simplex communication.
- 197.(1) A superclass passes its characteristics to its subclass in concept of inheritance in programming languages.
- 198.(1) Communication manager is not an operation of operating system.
- 199.(4) Physical layer is closest to transmission medium.
- 200.(1) Pressing Windows logo key + E will open My Computer.

