

Grand Test-
IRPM-171109

IBPS RRB PO (Mains)

ANSWER KEY

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

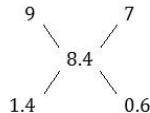
HINTS & SOLUTIONS

1.(4) Given $x = 4$ km/hr, speed of current = y

$$\frac{d}{x-y} = \frac{3d}{x+y}$$

$$2x = 4y$$

$$y = 2 \text{ km/hr}$$

2.(4) C.P. of mixture = $\frac{100}{110} \times 9.24 = 8.4$ 

$$\text{Ratio} = 7:3$$

$$\text{Required quantity} = \frac{27}{3} \times 7 = 63 \text{ kg}$$

3.(4) $\frac{9+x}{21} = \frac{2}{1}$

$$x = 33 \text{ litre}$$

4.(2) $43 \times n = 42n + 20$

$$n = 20$$

5.(3) Total age of the family 4 year ago = 25×6
= 150 year

$$\text{At present, total age} = 7 \times 25$$

$$= 175$$

$$\therefore 150 + (6 \times 4) + x = 175$$

$$174 + x = 175$$

$$x = 1 \text{ year}$$

6.(5)

I. $2x^2 + 8x + 4x + 16 = 0$

$$\Rightarrow 2x(x+4) + 4(x+4) = 0$$

$$\Rightarrow x = -4, -2$$

II. $2y^2 + 8y + 6y + 24 = 0$

$$\Rightarrow 2y(y+4) + 6(y+4) = 0$$

$$\Rightarrow y = -4, -3$$

 \therefore No relation established

7.(2)

I. $4x^2 - 14x - 6x + 21 = 0$

$$\Rightarrow 2x(2x-7) - 3(2x-7) = 0$$

$$\Rightarrow x = \frac{3}{2}, \frac{7}{2}$$

II. $2y^2 - 3y - 2y + 3 = 0$

$$\Rightarrow y(2y-3) - 1(2y-3) = 0$$

$$\Rightarrow y = 1, \frac{3}{2}$$

 $\therefore x \geq y$

8.(4)

I. $2x^2 - 7x - 8x + 28 = 0$

$$x(2x-7) - 4(2x-7) = 0$$

$$x = 4, \frac{7}{2}$$

II. $2y^2 - 8y - 9y + 36 = 0$

$$2y(y-4) - 9(y-4) = 0$$

$$y = 4, \frac{9}{2}$$

 $x \leq y$

9.(4) I. $(7x)^2 + (5)^2 - 2 \times 7x \times 5 = 0$
 $(7x - 5)^2 = 0$
 $x = \frac{5}{7}$
 II. $56y^2 - 40y - 42y + 30 = 0$
 $8y(7y - 5) - 6(7y - 5) = 0$
 $y = \frac{5}{7}, \frac{6}{8}$
 $x \leq y$

10.(1) I. $\sqrt{784}x = 1486 - 1234 = 252$
 $\Rightarrow x = \frac{252}{\sqrt{784}} = \frac{252}{28} = 9$

II. $\sqrt{1089}y = 2345 - 2081 = 264$
 $\Rightarrow y = \frac{264}{\sqrt{1089}} = \frac{264}{33} = 8$

11.(2) Let marked price of product A = x
 So,
 $\frac{92}{100}x - \frac{90}{100}x = 300$
 $x = 15000$
 Total selling price of product A
 $= 8 \times 0.92 \times 15000$
 $= 1,10,400$

12.(3) Let marked price of product B = $100x$
 So cost price of product B will be = $80x$
 Selling price of product B = $90x$
 Total cost price
 $= 80x \times 12$
 $= 960x$
 Total selling price
 $= 16 \times 90x$
 $= 1440x$
 Percentage profit = $\frac{1440x - 960x}{960x} \times 100$
 $= \frac{480}{960} \times 100 = 50\%$

13.(4) Let marked price per kg of product C and D be 400 and 500
 Cost price per kg of product C
 $= \frac{70}{100} \times 400 = 280$
 Cost price per kg of product D
 $= \frac{90}{100} \times 500 = 450$

Required ratio = $9 \times 280 : 20 \times 450$
 $= 7 : 25$

14.(1) Let Marked price product C and Product D be x and y respectively
 So,
 $0.7x = 0.9y$
 $\frac{x}{y} = \frac{9}{7}$
 Let cost price product C = $0.7 \times 9 = 6.3$
 and cost price of product D = $0.9 \times 7 = 6.3$
 Selling price of C will be = 6.93
 Selling price of D will be = 6.93
 Required ratio = $(9 - 6.93) : (7 - 6.93)$
 $= 2.07 : 0.07$
 $= 207 : 7$

15.(5) Let marked price of product A, B and C be $100x, 150x$ and $140x$
 Cost price of A, B and C will be = $90x, 120x$ and $98x$
 Required average = $\frac{900 + 1200 + 980}{3}$
 $= \frac{3080}{3} = 1026\frac{2}{3}$

16.(1) Total CP = $7644 \times 1.2 = 9172.8$ lakh
 Total SP should be = 9172.8 lakh
 Total SP of cars sold at loss = $1.2 \times \frac{86}{100} = 1972.152$ lakh
 Total SP of cars sold at profit = $9172.8 - 1972.152 = 7200.648$ lakh
 SP of each car = $\frac{7200.648}{5733} = 1.256$ lakh
 Profit = $1.256 - 1.2 = 0.056$ lakh
 or 5600 Rs.

17.(4) Required percentage = $\frac{\left(\frac{12}{100} \times 27300\right)}{\frac{100}{6} \times 175500} \times 100$
 $= 31.11\%$

18.(1) Total bikes produced by T = $\frac{17}{100} \times 175500 = 29835$
 Profit per bike = $\frac{7458.75}{29835} = 25000$ Rs.
 $32\% \rightarrow 25000$
 $132\% \rightarrow \frac{132}{32} \times 25000 = 103125$ Rs.

19.(5) $\frac{87775}{175500} \times 100 = 5\%$

So the difference between percentage should be 5

20.(1) Difference for plant M = $14040 - 4641 = 9399$
 For plant N = $26325 - 3276 = 23079$
 For plant P = $21060 - 3276 = 17784$
 For plant Q = $22815 - 3549 = 19266$
 For plant R = $24570 - 4641 = 19929$
 For plant S = $36855 - 3822 = 33033$
 For plant T = $29835 - 4095 = 25740$

21.(1) Ratio of investment

A	:	B	:	C
(8000×12)	:	(12000×4)	:	(16000×8)
24	:	44	:	45

 Share of A = $\frac{24}{113} \times 22600 =$ Rs. 4800

22.(1) Let the unit digit = x
 ten place digit = y
 $y^2 = x$ (i)

$(10x + y) - (10y + x) = 18$

$x - y = 2$ (ii)
 from (i) and (ii), $x = 4, y = 2$
 so the original number = 24
 45% of the number = $\frac{45}{100} \times 24 = 10.8$

23.(2) Let speed of A = x km/hr
 Speed of B = y km/h
 $x + y = \frac{60}{12} = 5$ km/h
 $\frac{1}{3}x + 3.5y = \frac{60}{7.5} = 8$ km/h

24.(5) $x = 3$ km/h, $y = 2$ km/h
 Let no. of wickets = x
 $\frac{12.4x + 26}{x + 5} = 12.1$
 $X = 115$

25.(2) Required no. of wickets = $115 + 5 = 120$
 Let he was present on x days, $150(x) - (20-x)30 = 2100, x = 15$ days,
 no of days he was absent = $20 - 15 = 5$ days

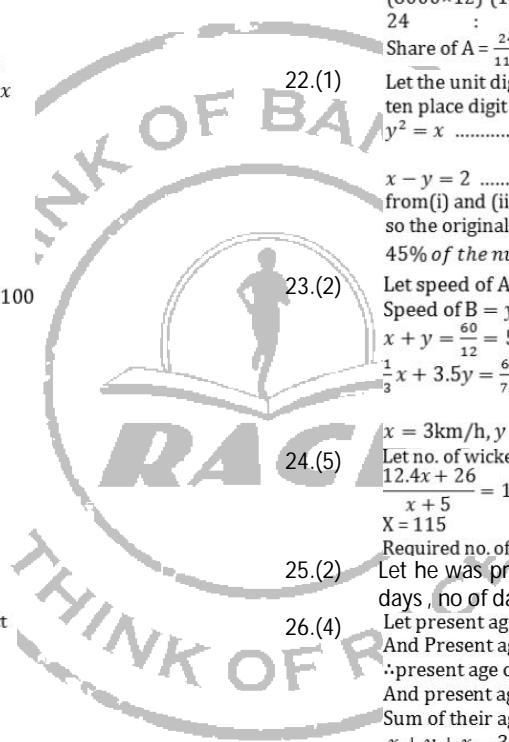
26.(4) Let present age of father = x years
 And Present age of mother = y years
 \therefore present age of son = $(x - 30)$
 And present age of daughter = $(y - 25)$
 Sum of their ages = $4 \times 26.25 = 105$ years.
 $x + y + x - 30 + y - 25 = 105$
 $\Rightarrow x + y = 80$ (i)

After 4 years, their total ages will be (excluding the daughter)
 $x + 4 + y + 4 + x - 30 + 4 = 107$
 $\Rightarrow 2x + y = 125$ (ii)
 Solving (i) and (ii),
 $x = 45$

27.(4) Let initial volume be $49x$
 $36x = 49x \left(1 - \frac{4}{49x}\right)^2$
 $\left(\frac{6}{7}\right)^2 = \left(1 - \frac{4}{49x}\right)^2$
 $1 - \frac{4}{49x} = \frac{6}{7}$
 $\Rightarrow x = \frac{4}{7}$

Hence, initial volume = $\frac{4}{7} \times 49 = 28$ g.

28.(3) Considering amount of water,
 $\frac{8}{25} = \frac{5}{8} \left(\frac{4}{5}\right)^n$
 $\Rightarrow \frac{64}{125} = \left(\frac{4}{5}\right)^n$
 $\Rightarrow n = 3$



- 29.(3) Let machine Y produces $4x$ units in unit time.
Then machine X produces x units
And Machine Z produces $2x$ units in the same time.
Total shoes produced = $x + 2x + 4x = 7x$
Required fraction = $\frac{2x}{7x} = \frac{2}{7}$
- 30.(1) Let no. of deer, bear and foxes be $3x, 7x$ and $5x$ respectively.
 $7x - 3x = 4x$ has to be a multiple of 21.
 $\Rightarrow 4x = 21y$
Smallest value of x satisfying this,
 $x = 21$, when $y = 4$
Hence, total minimum no. of animals = $15x = 15 \times 21 = 315$

- 31.(2) Let total cars manufactured by
Daewo in 2015 = $200x$
So, Let total cars manufactured by
Daewo in 2016 = $225x$
Cars manufactured by Zen in 2015
 $= \frac{20}{100} \times \frac{225x}{10} \times 40$
 $= \frac{225x}{5} \times 4$
 $= 45 \times 4 \times x$
 $= 180x$
Required ratio = $200 : 180$
 $= 10 : 9$

- 32.(4) Let total cars manufactured in 2016 = $100x$
Cars manufactured by Maruti in 2016 = $40x$
Cars manufactured by Zen and Esteem in 2015
 $= \frac{30}{100} \times 40x$
 $= 12x$
Required ratio = $12 : 10$
 $= 6 : 5$

- 33.(3) Model Esteem of Maruti manufactured
in 2015 = 15000
Total Maruti cars manufactured in 2015
 $= \frac{15000}{10} \times 100$
 $= 1,50,000$
Average of cars of Hyundai and Daewoo
manufactured in 2016
 $= \frac{1}{2} (25 + 10) \times \frac{150000}{40}$
 $= 65625$

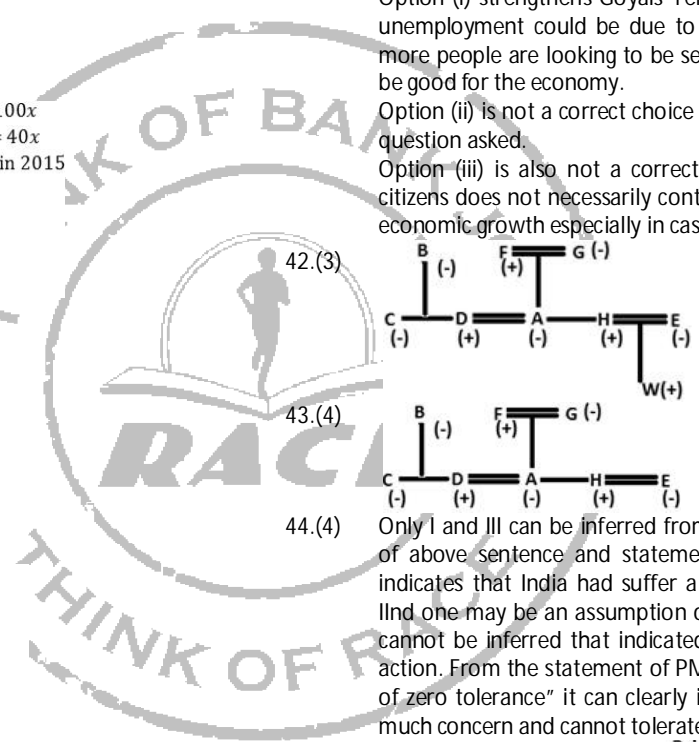
- 34.(5) Let total cars manufactured of
Maruti in 2016 = $900x$
So, cars sold of Maruti in 2016 = $800x$
Cars of model Zen manufactured
by Maruti in 2015
 $= 900x \times \frac{20}{100}$
 $= 180x$
Required percentage = $\frac{180}{800} \times 100 = 22.5\%$

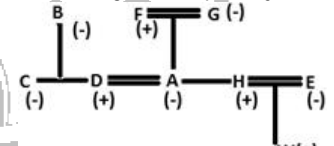
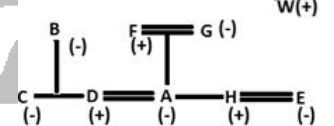
- 35.(2) Let Hyundai cars manufactured in 2016 = $500x$
So, Hyundai cars sold in 2016 = $400x$
and
Maruti 800 manufactured in 2015
 $= \frac{500x}{25} \times 40 \times \frac{60}{100}$
 $= 480x$
Maruti 800 sold in 2015
 $= \frac{90}{100} \times 480x$
 $= 432x$
Required ratio = $400 : 432$
 $= 25 : 27$

- 36.(5) $298 + 1^2 + 3 = 302$
 $302 + 2^2 + 4 = 310$
 $310 + 3^2 + 5 = 324$
 $324 + 4^2 + 6 = 346$
 $346 + 5^2 + 7 = 378$, not 380

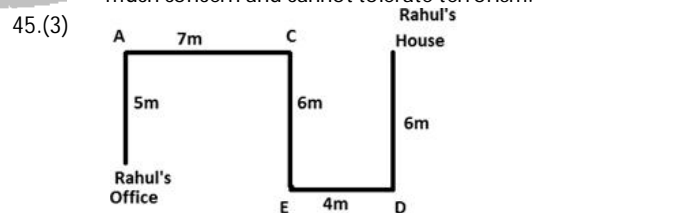
- 37.(4) $5.4 \times \frac{5}{3} = 9$
 $9 \times \frac{5}{3} = 15$
 $15 \times \frac{5}{3} = 25$, not 24
 $25 \times \frac{5}{3} = \frac{125}{3}$
- 38.(5) $457 - 23 \times 7 = 296$
 $296 - 23 \times 6 = 158$
 $158 - 23 \times 5 = 43$
 $43 - 23 \times 4 = -49$, not -46
- 39.(3) $491 + 31 = 522$
 $522 - 27 = 495$
 $495 + 23 = 518$, not 520
 $518 - 19 = 499$
- 40.(4) $6 \times 7 = 42$
 $7 \times 8 = 56$
 $8 \times 9 = 72$
 $9 \times 10 = 90$, not 88
 $10 \times 11 = 110$

- 41.(2) In this question we have to choose an option which strengthens Goyal's statement.
Option (i) strengthens Goyals' remarks as it suggests that unemployment could be due to the fact that more and more people are looking to be self-employed which could be good for the economy.
Option (ii) is not a correct choice as it is not related to the question asked.
Option (iii) is also not a correct choice as highly skilled citizens does not necessarily contribute towards country's economic growth especially in case of unemployment.



- 42.(3) 
- 43.(4) 

- 44.(4) Only I and III can be inferred from above sentences. Tone of above sentence and statement of Indian PM clearly indicates that India had suffer a pain of terrorist attack. IInd one may be an assumption or course of action but it cannot be inferred that indicated country will take stern action. From the statement of PM that "India has a policy of zero tolerance" it can clearly inferred that India is too much concern and cannot tolerate terrorism.



- 46.(4) There may be pressure of opposition on ruling govt. as Uri attack was a major attack and it is mentioned in first line that after "non-military response".....it means that there may be word-war between opposition and govt. before surgical strike. And as Indian Para commandos are used in an important operation "surgical strike". So they must be special task force.

- 47.(3) All courses of action follows as after surgical strike there may be chance that terrorist will attack in reverse or Pakistan Army may conduct some intentional strike across border of India. So, for safety of people, villages should be evacuated and Indian Army should increase security across

border. And Indian Govt. should give reward as it was one of the most important operation and Para Commandos made this successful. And reward is nothing but a token of appreciation and encouragement.

48.(4) Both the statements are effects of independent cause. From the 1st and 2nd line we can say that surgical strike was just a response of URI attack by terrorist. Indian Govt. named this strike as "surgical strike" and want to convey message that this action is against terrorist because Indian Govt. does not want give chance Pakistan to blame India for breaking law of cross border firing as Pakistan had blamed many times in past.

49.(2) **BEGINERS**
 XXXX
 V Y R T V M H I

50.(3) 51-55. i. It is given that P has Cow and lives on the sixth floor. The person who has Mouse got 3rd rank and lives on the third floor. The person who has Rabbit lives on the first floor. The person who got 11th rank lives on the top floor. The person who got 10th rank lives on the seventh floor. The person who has Cat lives on the fifth floor. O has Cat and J has Sparrow. The person who has Parrot lives between K and O.

FLOOR	rank	persons	pet
8	11th		
7	10th		
6		P	Cow
5		O	Cat
4			Parrot
3	3rd	K	Mouse
2			
1			Rabbit

ii. R has Pigeon and S has Dog. The person who has Sparrow got 7th rank and does not stay on the fifth floor so J has sparrow and lives on second floor. R does not live on the eight or first floor so R lives on seventh floor and has pigeon and S lives on top floor. M and the another person who got 4th rank stay on even-numbered floors so M lives on fourth floor and P got 4th rank. The person who got 6th rank lives on an even-number floor so M got 6th rank. The person who has Cat did not get 9th rank so L got 9th rank. The final arrangement is-

FLOOR	rank	persons	pet
8	11th	S	Dog
7	10th	R	Pigeon
6	4th	P	Cow
5	1st	O	Cat
4	6th	M	Parrot
3	3rd	K	Mouse
2	7th	J	Sparrow
1	9th	L	Rabbit

51.(5) 52.(3) 53.(5) 54.(2) 55.(5)

Step 1. From the information given in the question, Neither R nor T lives on fourth floor. S has three pets and he does not live on second floor. The number of pets P has is a multiple of 3. That means he has either 6/9 pets. P is not from K nor does he live on fourth floor. We have,

Person	Floor	Country	Number of Pets
P	Fourth	K	6/9
Q			
R	Fourth		
S	Second		3
T	Fourth		

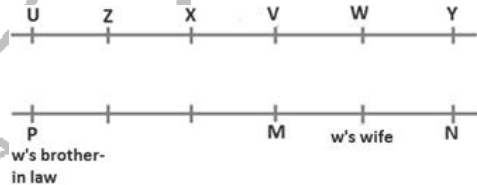
Step 2. Proceeding with the remaining information,

The person who lives on fourth floor does not have the most or the least number of pets. That means Q lives on fourth floor. The person who is from N has five pets but that person is neither Q nor T. It means R is the person who is from N and he has five pets. The person who is from K lives on second floor. It means T is from K and lives on second floor. The person who is from M has six pets and he lives on one of the floors amongst Eighth, Second and Third. It means P is that person who is from M and has six pets. The person who is from L lives on either Second or Third floor. But as we know that the person who is from K lives on second floor, it means the person who is from L lives on third floor and S is that person who is from L and P lives on Eighth floor as there is no other possibility. The person who is from fourth floor does not have the most number of pets it means T has 9 pets and Q has 4 pets. So, finally we get our solution as,

Person	Floor	Country	Number of Pets
P	Eighth	M	6
Q	Fourth	J	4
R	Sixth	N	5
S	Third	L	3
T	Second	K	9

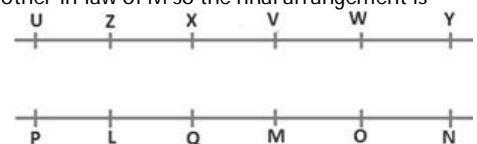
56.(1) 57.(2) 58.(3) 59.(2) 60.(2)

i. It is given that there are four persons sit to the right of W. U faces P, who sits at one of the extreme ends. M sits third to the right of P so P sits at extreme left end. Two persons sit between X and Y and X does not sit at the extreme end so Y sits at extreme left end. N sits diagonally opposite to the one, who is immediate right of Z so N sits at extreme right end. Z sits second from the right end and V sits fourth from the left end. V sits immediate right of the person, who faces W's wife. W's brother-in-law sits fourth to the left of W's wife.



ii. L's sister-in-law faces X. L's sister-in-law sits third to the left of W's daughter. There is one person sitting between W's son and W's daughter. W's mother sits third to the left of the one, who faces the one, who sits immediate right of W's son-in-law so Y is W's mother because W's son-in-law does not sit at any of the extreme ends. Only one person sits between L's brother and W's mother. L's father sits second to the right of L's brother. W's brother sits second to the right of W's sister so X is W's sister and U is W's brother.

iii. L is the son in law of O. The family is of three generation so O can't be W's son and W's son-in law. So, O is wife of W and L is son-in-law of W. M is W's son .L is brother-in-law of M. P is married to X. V is married to Q. L is brother-in-law of M so the final arrangement is-



- Dhanoa during the Air Force Commanders' Conference in New Delhi. The Mobile app was launched to keep up with the Prime Minister Narendra Modi's vision of 'Digital India'.
- 83.(4) Communications Minister Manoj Sinha launched the Sampoorna Bima Gram (SBG) Yojana and an initiative for expansion of clientele base of Postal Life Insurance (PLI). Under Sampoorna Bima Gram (SBG) Yojana, at least one village (with min. 100 households) will be identified in each of the revenue districts of the country. Coverage of all households is the primary objective of this scheme.
- 84.(3) Governor of Odisha- S C Jamir
Capital of Odisha- Bhubaneswar, Chief Minister of Odisha- Naveen Patnaik
- 85.(2) The 49th Sveriges Riksbank prize in economic sciences – commonly referred to as the Nobel Prize for economics – has been awarded to Richard H Thaler for his contributions to behavioural economics.
- 86.(3) The deduction for the interest on loan starts from the year in which you start repaying the loan. It is available only for 8 years starting from the year in which you start repaying the loan or until the interest is fully repaid whichever is earlier. It means if entire payments are done in 5 years only, then tax deduction will be allowed for 5 years and not 8 years.
- 87.(1) The availability of cash and other cash like marketable instruments that are useful in purchases and investments are commonly known as Liquidity
- 88.(1)
- 89.(1) The fifth India-Sri Lanka Joint Training Exercise (JTE) MITRA SHAKTI 2017 started with a grand Opening Ceremony conducted at Aundh Military Station, Pune. The exercise is 14 Day long.
- 90.(4) RBL Bank (formerly Ratnakar Bank) has launched India's first golf-centric credit card. The card based on the premium MasterCard World platform was launched in association with the Indian Golf Union (IGU).
- 91.(3) Private Sector Lender Yes Bank has partnered with mobile payments switch TerraPay to enable real-time money transfer to bank accounts in India. Powered by TerraPay's global clearing and settlement service, the partnership will make it faster and convenient for consumers to send money to any bank account.
- 92.(2) The 2980MW Sipat Super Thermal Power Plant located at Sipat in the Bilaspur district of Chhattisgarh, ranks as the fifth largest thermal power station in India. It is a coal-based power plant owned and operated by NTPC.
- 93.(4) Sanchi is the center for famous Buddhist stupa in the world as per world heritage site. Ashoka built this Stupa, Ashoka has built so many Stupas. The carvings in this stupas depicts Buddhas life. This is the largest stupa in India. Sanchi Stupa is located at Sanchi Town in Raisen District of the state of Madhya Pradesh.
- 94.(2)
- 95.(3) Kazuo Ishiguro, "who, in novels of great emotional force, has uncovered the abyss beneath our illusory sense of connection with the world", has been awarded the 2017 Nobel Prize in Literature, the Swedish Academy announced.
- 96.(3) Hyderabad International Airport Ltd has bagged the National Award for 'Excellence' in Energy Management at a conference hosted by the Confederation of Indian Industry (CII).
- 97.(3) Nepal has signed a USD 635 million UN assistance package for 2018-2022 to lay out the country's development strategy for the next five years. The package involves 26 individual UN agencies. The National Planning Commission, apex advisory body of the Government of Nepal, and the United Nations Country Team (UNCT) in Nepal signed the United Nations Development Assistance Framework (UNDAF). The Chairman of the National Planning Commission is Swarnim Wagle.
- 98.(1) Madhya Pradesh Government has implemented the Chief Minister's Skill Promotion and Skills Scheme to provide jobs by providing employment oriented training to the youth. The Tribal Affairs Department of MP government will train educated youths of Scheduled Tribe category for job in various employment-oriented professions and establish their own venture through MAPCET.
- 99.(4) Digital payments firm Mobikwik announced its partnership with IRCTC Rail connect app, which will allow customers book railway tickets using the former's payment gateway. Mobikwik's Payment Gateway currently powers payments for more than 3,000 e-commerce websites and app
- 100.(2) A debit card a safe, convenient, risk-free alternative to cash and has no credit risks attached.
- 101.(1) Retail banking also known as Consumer Banking is the provision of services by a bank to individual consumers, rather than to companies, corporations or other banks. Services offered include savings and transactional accounts, mortgages, personal loans, debit cards, and credit cards.
- 102.(3) Five banks of the BRICS Bank Cooperation Mechanism have agreed to establish credit lines in the national currencies and cooperate on credit ratings. The agreement to this effect was signed ahead of the BRICS Summit in China's Xiamen city. Brazilian Development Bank, Vnesheconombank, Export-Import Bank of India, China Development Bank and Development Bank of South Africa signed the agreement in Beijing.
- 103.(3) Nearly 70 per cent of the country's population lives in rural areas where, for the first time since independence, the overall growth rate of population has sharply declined, according to the latest Census. Of the 121 crore Indians, 83.3 crore live in rural areas while 37.7 crore stay in urban areas, said the Census of India's 2011 Provisional Population Totals of Rural-Urban Distribution in the country, released by Union Home Secretary.
- 104.(3) Gujarat's commercial capital Ahmedabad was formally accorded the status of India's first World Heritage City by UNESCO. UNESCO Director-General Irina Bokova handed over the certificate declaring Ahmedabad as a 'World Heritage City' to Gujarat Chief Minister Vijay Rupani in Gandhinagar
- 105.(3) The Saraswati Samman is an annual award for outstanding prose or poetry literary works in any 22 Indian language listed in Schedule VIII of the Constitution of India. It is named after an Indian goddess of learning and is considered to be among the highest literary awards in India.
- 106.(3) Deposit Insurance and Credit Guarantee Corporation (DICGC) is a subsidiary of Reserve Bank of India. It was established on 15 July 1978 under Deposit Insurance and Credit Guarantee Corporation Act, 1961 for the purpose of providing insurance of deposits and guaranteeing of credit facilities. DICGC insures all bank deposits, such as saving,

- fixed, current, recurring deposits for up to the limit of Rs. 100,000 of each deposits in a bank. The Head Office of the Corporation is at Mumbai.
- 107.(3) Kakrapar Atomic Power Station is a nuclear power station in Surat, Gujarat.
- 108.(1) Premier all-rounder Shakib Al Hasan became the first cricketer from Bangladesh to be inducted in the MCC World Cricket Committee under the chairmanship of Mike Gatting. Also added to the committee are Suzie Bates, Ian Bishop and Kumar Dharmasena.
- 109.(5) The Clearing Corporation of India Ltd. (CCIL) was set up in April, 2001 to provide guaranteed clearing and settlement functions for transactions in Money, G-Secs, Foreign Exchange and Derivative markets. The introduction of guaranteed clearing and settlement led to significant improvement in the market efficiency, transparency, liquidity and risk management/measurement practices in these market along with added benefits like reduced settlement and operational risk, savings on settlement costs, etc.
- 110.(2) ECB can be raised under Track II for general corporate purpose (including working capital). The minimum average maturity period will be 10 years.
- 111.(4) RRBs are regulated by NABARD. Other banks are regulated by RBI directly.
- 112.(2) Alibaba Group's Jack Ma is back on top as Asia's richest man following gains in the company's earnings and share price. Jack Ma is worth \$37.4 billion, according to the Forbes real-time billionaires list.
- 113.(1) Deposit insurance facility of Deposit Insurance and Credit Guarantee Corporation is not available to depositors of NBFCs, unlike in case of banks.
- 114.(3) International Business Machines Corporation (IBM) has announced the launch of IBM Blockchain, a new blockchain banking solution, that will help financial institutions for cross-border payments.
- 115.(4) The government has hiked the ceiling for the creamy layer from Rs. 6 lakh per annum to Rs. 8 lakh per annum for central government jobs, according to the Finance Minister Arun Jaitley. In the OBC category, those earning up to Rs. 8 lakh per annum will get reservation benefits.
- 116.(2) Bollywood actress Parineeti Chopra has been appointed as the first Indian woman ambassador in 'Friends of Australia' (FOA) advocacy panel by Tourism Australia.
- 117.(3) The book of Former Foreign Secretary Shyam Saran named "How India Sees the World: Kautilya to the 21st Century" was launched by former Prime Minister Dr Manmohan Singh.
- 118.(1) Five-time Grand Slam winner Maria Sharapova was made to fight by 102nd-ranked teenager Aryna Sabalenka at the Tianjin Open before winning her first title since her 15-month doping ban. The former world number one, who returned to action in April, came from behind in both sets and needed four championship points in the tie-breaker before beating the 19-year-old 7-5, 7-6 (10/8).
- 119.(1) Hemis National Park (or Hemis High Altitude National Park) is a high altitude national park in the eastern Ladakh region of the state of Jammu and Kashmir in India. World famous for being the best place to see the snow leopard in the wild, it is believed to have the highest density of snow leopards of any protected area in the world.
- 120.(1) Headquarter of South Indian Bank is in Thrissur, Kerala.
- 121.(5) Going through the paragraph, we can infer that the paragraph talks about the slowdown in the rate of growth of the Indian economy and its impact on employment of the country. The sentence before the blank talks about the importance of growth rate and its impact on employment in advanced countries. Hence the blank must be filled by the sentence which is related to this theme. Sentence (5) talks about India's concern over employment and hence making the paragraph complete. All other sentences are irrelevant. Hence sentence (5) is the correct choice.
- 122.(3) As we go through the paragraph, we come to the conclusion that the paragraph revolves around the theme of launching a major sanitation and cleanliness drive by NDA government. The sentence before the blank is about the launch of Swachh Bharat Mission on October 2 by PM Modi and his concern for the women of India who were forced to defecate in the open while the sentence after the blank is about making Mahatma Gandhi a symbol of sanitation. Hence the blank must be filled by the sentence related to the sanitation and Mahatma Gandhi. After reading all the sentences, we find that sentence (3) goes in harmony with the paragraph as it talks about making the country defecation free. Hence option (3) is the right choice.
- 123.(1) The paragraph here is about the Saubhagya scheme launched by PM Modi aiming to bring power to every household in the country. The sentences before the blank talk about the statistics of the states without electricity and hence the blank must be filled by the sentence related to it. After reading all the sentences, we find that sentence (1) completes the paragraph appropriately as it talks about the statistics of the households which are targeted for providing them electricity. Hence option (1) is the right choice.
- 124.(2) Here the paragraph talks about the need to boost gas supplies for urbanizing India. The sentence before the blank gives the statistics of consumption of gas, domestic gas output and liquefied natural gas. Hence the blank must be filled by the sentence related to these terms. Sentence (2) goes correctly with the theme talking about raising LNG imports and hence is the correct choice.
- 125.(5) The paragraph revolves around the theme of creating excellence in higher education. The sentences before the blank talks about the budget that runs a university and deserve freedom from restrictive regulation and hence the blank must be filled by the sentence that boost the performance of a university. Sentence (5) is the only sentence that appropriately completes the paragraph and hence is the correct choice.
- 126.(5) It can be inferred that sentences CABD forms the coherent paragraph as it talks about the necessity to make 'living wills' as legal. Read the sentence given in option (5), it is talking about the need to give importance to mental illness while we are talking about legalizing living wills in remaining statements hence option (5) doesn't fit in this sequence and hence is the correct choice of elimination.
- 127.(3) The paragraph is about the doubt in the mind of the people regarding the various reforms brought by the Modi government in the last few months. It can be viewed the sentences BDEA forms the coherent paragraph. Option (3) doesn't fit in this sequence as it talks about some specific statistics regarding the opening of bank accounts which is

- nowhere discussed in the remaining statements, and hence is the correct choice of elimination.
- 128.(2) It can be viewed that sentences ECDA forms the coherent paragraph as it is talking about the commitment given by the Indian government to Mozambique regarding the import of pigeon peas (arhar). Among the given options, only option (2) has no connection with any of the other sentences of the paragraph as it is talking about renewing the ties between India and Mozambique. Hence sentence (2) is the correct choice.
- 129.(1) ECBD forms a coherent paragraph as it talks about the difficulties to be faced by the government in generating large number of jobs. Read the sentence given in option (1) it says people are bothered about quantity not the quality in terms of employment, which brings out some reason which has no connection with any other sentences of the paragraph. Hence option (1) is the correct choice.
- 130.(4) The paragraph is about the mesmerizing beauty of a small town of Landour which is 5km from Mussoorie. It is least crowded and has somehow escaped overdevelopment which has retained its natural charm. AECB forms a coherent paragraph whereas option (4) has no role to play in this particular paragraph as it talks about a specific church and the stories related to it. Hence option (4) is the correct choice.
- 131.(5) The sentence is grammatically correct.
- 132.(1) Use 'at' after 'arrived' as in active voice 'arrive at a conclusion' is used and in passive voice 'at' is to be kept in the sentence.
- 133.(2) 'at' will be used in place of 'by' as appropriate preposition is used after the verbs telling 'state of mind' and 'state of feeling'.
- 134.(1) Use 'recorded' in place of 'record'.
- 135.(3) Use 'took' in place of 'was taken' as the sentence is in active voice.
- 136.(2) This phrase refers to Brexit that would lead to economic slowdown and results in a pessimistic situation for consumers and employers. Hence option (2) is true.
- 137.(4) Refer the fourth and fifth lines of fifth paragraph, "a slowdown in investmentsforeign investments." Hence options A and B are correct.
- 138.(5) All the given sentences are true in the context of the passage.
- 139.(1) Refer the sixth paragraph, "The flow of Irish labor to the United Kingdom might be curbed, which would in turn exert pressure on Irish wages as more people compete for fewer jobs." Hence only option (a) is true in context of the passage.
- 140.(4) Refer the second and seventh paragraphs for options A and B. Refer the first paragraph for option C which is incorrect as she became Prime Minister on 13th July, 2016. Hence only options (A) and (B) are correct.
- 141.(5) Prolong means extend the duration of. Protract means extend, draw out. Hence 'prolong' and 'protract' are similar in meanings.
- 142.(3) Refer the last two sentences of the first paragraph, "What Prahalad and Gary Hamel argue is that while these measures may lead to better or improved management, the quest for competitiveness has to primarily come from different strategies to be pursued. They call this the strategic intent." Hence (3) is the correct option.
- 143.(3) Read the second paragraph of the passage carefully. Refer the lines, "While products primarily require facilities, competencies are a combination of people with the requisite know-how acquisition." Hence (c) is the correct option.
- 144.(1) The whole passage revolves around the explanation of core competencies with different approaches and examples. Hence "An explanation of core competence" is the central idea of the passage.
- 145.(1) Refer the beginning two sentences of the third paragraph, "The picture after the Second World War is a proof of the above concept. Even though the physical facilities were all devastated, because of basic competencies, the people of Germany and Japan could rebuild the economy in no time." Hence (a) is the correct choice.
- 146.(1) Read the sixth paragraph carefully. It can be inferred from the paragraph that only options I, II and III are correct.
- 147.(2) "Identifying and developing core competencies" is the most suitable title for the passage.
- 148.(2) Refer the fourth sentence of the seventh paragraph, "He argues that core competence is a Western concept and that Asia's large business groups can nurture non-conventional competencies." Hence (b) is the correct choice.
- 149.(5) Refer the seventh paragraph of the passage. Hence all the given points are correct in the context of the passage.
- 150.(5) Intangible unable to be touched; not having physical presence hence Palpable (of a feeling or atmosphere) which means so intense as to seem almost tangible is the word most opposite in meaning.
- 151.(1) 152.(4) 153.(2)
 154.(3) 155.(2) 156.(1)
 157.(2) 158.(4) 159.(5)
 160.(3)
 161.(4) An Internet service provider (ISP) is an organization that provides services accessing and using the Internet. Internet service providers may be organized in various forms, such as commercial, community-owned, non-profit, or otherwise privately owned.
- 162.(1) The ability of an operating system to run more than one application at a time is called Multi-tasking.
- 163.(2) POST (Power on Self Test) is a test the computer must complete to verify all hardware is working properly before starting the remainder of the boot process.
- 164.(4)
- 165.(1) Cache memory, also called CPU memory, is random access memory (RAM) that a computer microprocessor can access more quickly than it can access regular RAM. This memory is typically integrated directly with the CPU chip or placed on a separate chip that has a separate bus interconnect with the CPU.
- 166.(1) Syntax Errors - These are invalid code which the compiler doesn't understand. The compiler will detect them as it can't compile them.
- 167.(1) Phishing is typically carried out by e-mail spoofing or instant messaging, and it often directs users to enter details at a fake website whose look and feel are almost identical to the legitimate one.
- 168.(4) Ctrl + Left Arrow is the shortcut key combination to move one word to the left.
- 169.(2) Key is a property of the entire relation (relation is a table).
- 170.(1) Operating System File is a type of file that contains permanent data and gets updated later after creation or even during the processing of transactions.

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- 171.(5) Also known as WannaCry or wcry, is a specific ransomware program that locks all the data of a computer.
- 172.(3)
- 173.(3) The time for the actual data transfer after receiving the request for data from secondary storage is referred to as the disk's Access time.
- 174.(2) In digital imaging, a pixel or picture element is a physical point in a raster image, or the smallest addressable element in an all points addressable display device; so it is the smallest controllable element of a picture represented on the screen.
- 175.(4) X-NOR gate is a complement of the X-OR gate. The truth table of the X-NOR gate is the complement (opposite) to the X-OR gate.
- 176.(1) The CMOS is a physical part of the motherboard: it is a memory chip that houses setting configurations and is powered by the onboard battery. The CMOS is reset and loses all custom settings in case the battery runs out of energy, additionally, the system clock resets when the CMOS loses power.
- 177.(2) You have to select slide orientation to change orientation.
- 178.(2) Computer is versatile in nature, it can perform various task by reducing the task to a series of logical steps.
- 179.(3) There are two basic types of graphics that you can use in Microsoft Word documents: drawing objects and pictures.
- 180.(1) Dynamic HyperText Markup Language (DHTML) is a combination of Web development technologies used to create dynamically changing websites. Web pages may include animation, dynamic menus and text effects. The technologies used include a combination of HTML, JavaScript or VB Script, CSS and the document object model (DOM).
- 181.(4) direct access is a term used to describe a computer's ability to immediately locate and retrieve data from a storage device.
- 182.(4) A syntax error is an error in the syntax of a sequence of characters or tokens that is intended to be written in a particular programming language.
- 183.(2) dynamic RAM (DRAM), which stores bits in cells consisting of a capacitor and a transistor, DRAM have to be periodically refreshed.
- 184.(3) A gigabyte represents approximately one billion memory location.
- 185.(1) At a time only one OS can be at work in a computer.
- 186.(3) Common categories of SQL statements include DML, DCL, DDL, TCL, etc. DDL statements are used to define a database structure, DML statements are used for the management of data within database objects and DCL statements are used for setting privileges to access data.
- 187.(3) The Proofing group contains commands to use the spell check and word count features. The Paragraph group allows you to modify the layout of a paragraph, thereby setting spacing and indentation of the paragraph. The Editing group contains the Find, Replace and Select commands to find text, replace text and select text or objects, respectively.
- 188.(4) All are views to display a table in MS Access.
- 189.(2) DBMS is designed to allow the definition, creation, querying, update, and administration of databases.
- 190.(3) A candidate key is a column, or set of columns, in a table that can uniquely identify any database record without referring to any other data. Each table may have one or more candidate keys, but one candidate key is unique, and it is called the primary key. Candidate key is a minimal super key.
- 191.(3) Firewall in Computer Network is a system designed to prevent unauthorized access.
- 192.(1) A compiler is used to translate a program written in a high-level language to a machine language by compiling the entire program in one go.
- 193.(1) Ctrl+K is used for insert a hyperlink.
- 194.(1) Wallpapers can be changed by the personalize section of all control panel items.
- 195.(2) FORTRAN (FORMula TRANslation) is the first high level programming language developed by John Backus in 1957. It was basically designed to write programs for high-performance computing and is mainly suited for numeric computing and scientific computing.
- 196.(3) Range of class C Address is 192.0.0.0 to 223.255.255.255
- 197.(2) Hypertext Markup Language (HTML) is a markup language and it is used to create websites or Web pages.
- 198.(2) Linux is an open source operating system.
- 199.(3) The ER diagram is a graphical representation of the logical structure of a database. In this diagram, different components are represented with different symbols. Common symbols include rectangles, ellipses, diamonds and lines, where a rectangle represents an entity, an ellipse represents an attribute, a diamond represents a relationship and a line represents a linking between the entity and attribute.
- 200.(4) In a computer system, there are only three types of languages to perform different types of work on the computer, which are high level, low-level, and machine languages.