

**IBPS CLERK PRE SPEED TEST - 5**

1. (A) According to the passage, Option A is correct answer.
2. (C) According to the passage, The word **jargon** means **Language with limited meaning**. So, Option C is correct answer.
3. (D) According to the passage, Option D is correct answer **i.e. The language of science is: Precise**.
4. (D) According to the passage, Option D is correct answer.
5. (C) According to the passage, Option C is correct answer.
6. (A) Decline/ dwindle/ diminish - reduce in number. Disdain - reject with pride. We need a participial adjective here to modify the noun 'populations', so the highlighted word is incorrect as it is a noun. B, being a verb is also incorrect. D holds no meaning in the given context. C is incorrect as the decline of the populations is ongoing, so a present participle must be used instead of past. A is the right answer.
7. (C) Option C is correct answer i.e. Venomous - poisonous.
8. (E) Option E is correct answer. i.e. No improvement.
9. (E) Option E is correct answer. i.e. No improvement.
10. (D) Option D is correct answer. i.e. ingest - eat.
11. (C). Option C is correct answer.
12. (E) Option E is correct answer. i.e. No improvement.
13. (E) The idiom '**Have bigger fish to fry**' means '**have other more important matters to attend to.**' So, Option E is correct answer.
14. (D) When you give someone the 'cold shoulder' it means '**a show of intentional unfriendliness.**' Thus, Option D is correct answer
15. (B) The idiom '**place in the sun**' means '**a position of favor or advantage.**' Option B is correct answer.
16. (B) '**Smash hit**' refers to '**to music, films which are very successful.**' So, Option B is correct answer
17. (E) The idiom '**on a pig's back**' refers to '**in a very fortunate situation.**' So Option E is correct answer.
18. (E) Option E is correct answer because there is no error.
19. (B) Option B is correct answer because Subject-verb disagreement - the use of 'investments' (plural) in part A should have been followed by 'are' in part B.
20. (C) Option C is correct answer because The phrase 'to storing' is grammatically incorrect in part D and should be replaced with 'to store' - infinitive + base form of verb.
21. (C) The past participle of the verb 'embrace' is to be used in part C, as necessitated by the use of 'has' in part B. Hence, C is the right answer.
22. (B) The correct tense of the verb to be used is 'breaching', instead of 'breach' in part C. So, Option B is correct answer.
23. (C) Since the sentence talks about junk food which is harmful for our health, we can assume that the governments of many countries want to control junk food consumption. This meaning is shared by choices A and D, curb and limit. So, Option C is correct answer.
24. (A) Since the sentence talks about about single motherhood, we can assume that it's morality and advisability has been argued about for a long time, even though it is a trend in many countries. This meaning is shared by choices B and C, disputed and debated. So, Option A is correct answer.
25. (C) Since the sentence talks about the vast range of flora and fauna of the Himalayas, we can assume that it is diverse in different places due to environmental factors. This meaning is shared by options A and E, vary and differ. So, Option C is correct answer.
26. (A) Since the sentence talks about the Mountain Kailash where Lord Shiva was believed to live, we can assume that the people saw it as blessed. This meaning is shared by choices A and B, sacred and holy. Option A is correct answer.
27. (A) The sentence talks about students who need to be employed to pay their semester fees, so we can

assume that on-campus jobs is an excellent way to earn. This meaning is shared by choices C and E, ideal and perfect. So, Option A is correct answer.

28. (D) The correct re-arrangement is DABC. Option D is correct answer.

31-35

Floor	Person	Profession
6	N	Singer
5	O/R	Dancer
4	M	Choreographer
3	P	Physician
2	Q	Teacher
1	R/O	Manager

31. (B)

32. (B)

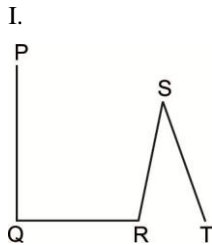
33. (C)

34. (A)

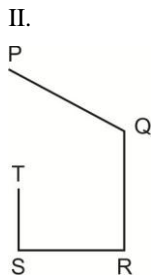
35. (B)

36-40

36. (A)



P is northwest of point T.

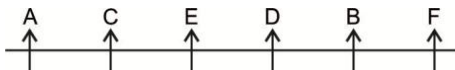


Exact length of neither SR nor TS is known

37. (E)

38. (B)

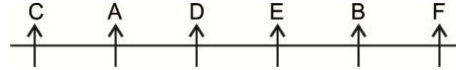
39. (C) I.



II.

29. (B) The correct re-arrangement is CABD. Option B is correct answer.

30. (C) The correct re-arrangement is BDAC. Option C is correct answer.



40. (C)

I.

Floor No.	Person	Person
6	A	E
5	E	C
4	C	B
3	B	D
2	D	A/F
1	F	F/A

II.

Floor No.	Person	Person	Person
6	D	A	F/A
5	A/F	E	A/F
4	F/A	C	E
3	E	B	C
2	C	D	B
1	B	F	D
	Case 1	Case 2	Case 3

41-45

41. (D) On adding second

And fourth digits

$$2 \underline{6} 2 \underline{3} - 9$$

$$3 \underline{5} 9 \underline{4} - 9$$

$$2 \underline{5} 4 \underline{7} - 12$$

$$3 \underline{9} 6 \underline{8} - 17$$

$$4 \underline{1} 9 \underline{5} - 6$$

17 is not Divisible by 3.

$$\Rightarrow 3968$$

42. (E) Adding 4 to the first digit:

$$6623 \ 7594 \ 6547 \ 7968 \ 8195$$

Interchanging first and the third digit:

$$2663 \ 9574 \ 4567 \ 6978 \ 9185$$

Interchanging fourth and second digit

2366 9475 4765 6879 9581

9581 is the Highest number which came from

4195

43. (C) Interchanging second and the third digit:

2263 3954 2457 3698 4915

2457 is fourth highest number which resulted from 2547.

44. (A) On Subtracting 1 from all the digits:

1512 2483 1436 2857 3084

Now there are three even numbers in the series

3 even numbers is the right.

45. (D) Each No. Four digit are arranged in ascending order.

2236 3459 2457 3689 1459

3689 number as the highest number.

⇒3968 is correct.

46-50

Floor	Person	Flats
8	F	2 - BHK
7	G	1 - BHK
6	E	2 - BHK
5	H	1 - BHK
4	C	2 - BHK
3	A	1 - BHK
2	B	1 - BHK
1	D	2 - BHK

46. (A)

47. (E)

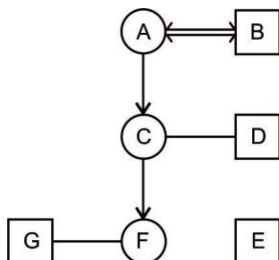
48. (E)

49. (B)

50. (B)

51-52

51. (E) G is Grandson of B



52. (D) E & F are cousins

53-55

53. (E) 1.  $E \geq D \leq V = P < W \leq U$  (False)

2.  $T \geq U \geq N = F \leq J \geq D$  (False)

3.  $D \geq C > Z \geq B = O \leq U$  (False)

4.  $G \geq D = J < B \leq W \leq U$  (False)

5.  $U \geq L = G \geq X = Y > D$  (True)

54. (C) I.  $X = G$  (Not definitely true) ( $X = C \leq G <$

$S \rightarrow X \leq G$ )

II.  $X < G$  (Not definitely true) ( $X = C \leq G < S$

$\rightarrow X \leq G$ )

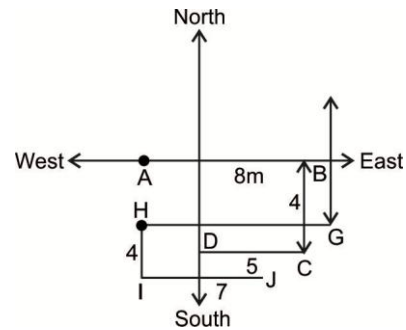
55. (E) On combining

$M > V \geq H, M > V > X; R > U \geq H$

I.  $M > X$  (True)

II.  $H < R$  (True)

56-58



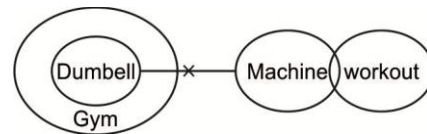
56. (B)

57. (B)

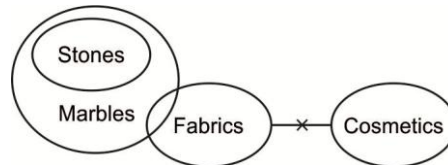
58. (E)

59-60

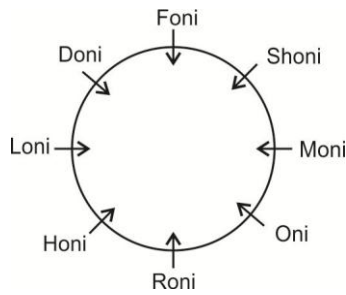
59. (A)



60. (C)



61-65



61. (D)

62. (A)

63. (D)

64. (B)

65. (A)

66-70

66. (E) I.  $x = \sqrt{144} = 12$

II.  $y^2 = 196 = 0$

$y^2 = 196$

$y = +14$

$y = -14$

67. (E) I.  $x^2 - 42 = 214$

$x^2 = 214 + 42 = 256$

$x = \sqrt{256} = \pm 16$

II.  $y - \sqrt{196} = 0$

$Y = \sqrt{196} = 14$

68. (A) I.  $x = 7, x = 8$

II.  $y = 5, y - 1$

69. (C) I.  $x = -3$

II.  $y = -2$

70. (A) Ratio of milk and water = 64 : 17

$\therefore$  Ratio of remaining milk and initial milk

= 64 : (64 + 17) = 64 : 81

Let total amount of container = K liter

$\therefore \frac{\text{remaining milk}}{\text{initial milk}}$

=  $\left(1 - \frac{\text{quantity taken out}}{\text{total amount}}\right)^4$

= [Where n = number of attempts]

=  $\frac{64}{81} = \left(1 - \frac{4}{k}\right)^2$

=  $\frac{8}{9} = 1 - \frac{4}{k}$

=  $\frac{8}{9} = 1 - \frac{8}{9}$

=  $\frac{4}{K} = \frac{1}{9}$

= K = 36

$\therefore$  Total amount of the container = 36 litres.

71-75

71. (E)  $14 \times 1 = 14$

$14 \times 2 = 28$

$28 \times 3 = 84$

$84 \times 4 = 336$

$336 \times 5 = 1680$

72. (A)  $2491 - 10^2 = 2391$

$2391 - 9^2 = 2310$

$2310 - 8^2 = 2246$

$2246 - 7^2 = 2197$

$2197 - 6^2 = 2161$

73. (D)  $3 + (2 \times 3) = 9$

$9 + (3 \times 4) = 21$

$21 + (4 \times 5) = 41$

$41 + (5 \times 6) = 71$

$71 + (6 \times 7) = 113$

74. (D)  $40320 \div 7 = 5760$

$5760 \div 6 = 960$

$960 \div 5 = 192$

$192 \div 4 = 48$

$48 \div 3 = 16$

75. (E)  $77 + 77 = 154$

$77 + 154 = 231$

$154 + 231 = 385$

$231 + 385 = 616$

$385 + 616 = 1001$

76. (A) Let the CP of the Article = Rs. 100

$\therefore$  The merchant would have marked it to Rs.

$100 + 75\%$  of Rs. 100

=  $100 + 75 = \text{Rs. } 175$

If he sells it at no. profit or loss, he sells it at

the cost Price.

i.e. he offers a discount of Rs. 75 on his SP of

Rs. 175

$$= \text{His \% Discount} = \left(\frac{75}{175}\right) \times 100$$

$$\Rightarrow 42.85\%$$

**77. (D)** Relative speed =  $54 - 36 = 18$

Let the length of train B = x

According to Question

$$\text{We know that speed} = \frac{\text{Distance}}{\text{Time}}$$

$$\Rightarrow 18 \times \frac{5}{18} = \frac{250 + x}{120}$$

$$x = 350$$

**78. (B)** Total amount lent = Rs. 12000

Rate of interest for Ram = 7%

Rate of interest for shyam = 3%

T = 5 years

Total SI received = Rs. 2000

Let the amount lent to Ram be Rs. x

Amount lent to shyam = Rs. (12000 - x)

$$= (x \times 7 \times 5)/100 + [(12000 - x) \times 3 \times$$

5}/100]

$$= 35x + 180000 - 15x = 200000$$

$$= 20x = 20000$$

$$= x = \text{Rs. } 1000$$

$\therefore$  The amount lent to Ram = Rs. 1000

**79. (D)** Let take can finish the price of work alone in x days

$\therefore$  Ashley can alone finish the work in  $\frac{x}{2}$  days

$$\text{In 1 Day take can do work} = \frac{1}{x}$$

$$\text{In 1 day Ashley can do work} = 1/(\frac{x}{2}) = \frac{2}{x}$$

$$= \frac{1}{x} + \frac{2}{x} = \frac{1}{20}$$

$$= \frac{3}{x} = \frac{1}{20}$$

$$\Rightarrow x = 60$$

Ashley alone can finish the work in  $\frac{60}{2}$

$\Rightarrow 30$  days.

**80. (C)** Volume of cube =  $a^3$

Volume of cubes of 3cm, 4cm & 5cm

$$\text{Sides } 3^3 + 4^3 + 5^3 \text{ cm}^3$$

$$= 27 + 64 + 125 = 216 \text{ cm}^3$$

Surface are of the smaller

$$\text{Cubes} = 6(9 + 16 + 25)$$

$$= 6 \times 50$$

$$= 300 \text{ cm}^2$$

The large cube is obtained by melting the three smaller cubes,

Volume of larger cube = sum of volumes of three smaller cubes =  $216 \text{ cm}^3$

$$\text{Side of larger cube } a = \sqrt[3]{216} \text{ cm} = 6 \text{ cm}$$

$$\text{Surface are of larger cube} = 6 \times a^2 \text{ cm}^2$$

$$\text{Where } a = \text{Length of each side of a cube} = 6 \times 6^2 = 216 \text{ cm}^2$$

$$\therefore \frac{\text{Surface area of smaller cubes}}{\text{Surface are of large cube}} = \frac{300}{216}$$

$$\Rightarrow \frac{25}{18}$$

**81-85**

**81. (B)** Single equivalent discount =  $a + b - \frac{ab}{100}$

$$\Rightarrow 40 + 25 - 40 \times \frac{25}{100}$$

$$\Rightarrow 55\%$$

$$\Rightarrow \text{Selling Price} = \left(\frac{45}{100}\right) \times P$$

**82. (B)** Profit will be shared in the Ratio  $(3 \times 1)$ :

$$(4 \times 3) : (3 \times 2) \text{ or } 1 : 4 : 2$$

Difference of Aamir's and Arif's share

$$= (417) \times 28000 - (1/7) \times 28000$$

$$\Rightarrow \text{Rs. } 12,000$$

**83. (D)** 25% of A : 50% of B : 75% of C : D = 4 : 3 : 2

: 1

$$\Rightarrow \left(\frac{25A}{100}\right) : \left(\frac{50B}{100}\right) : \left(\frac{75C}{100}\right) : D = 4 : 3 : 2 :$$

1

$$\Rightarrow A : 2B : 3C : 4D = 4 : 3 : 2 : 1$$

Let them be 4k, 2k, 2k and k

$$\therefore A = 4K, B = \frac{3k}{2}, C = \frac{2k}{3}, D = \frac{k}{4},$$

$$\therefore (1/2) \times (A + B + C + D) = 77$$

$$\Rightarrow 4k + \frac{3k}{2} + \frac{2k}{3} + \frac{k}{4} = 154$$

Multiply both sides by 12

$$48k + 18k + 8k + 3k = 154 \times 12$$

$$\Rightarrow 77k = 154 \times 12$$

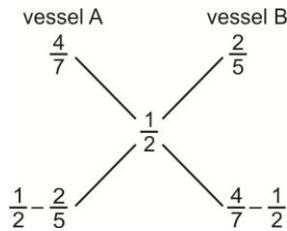
$$\Rightarrow k = 24$$

$$\therefore A = 96, B = 36, C = 16 \text{ and } D = 6$$

$$\therefore (A - B + 30) (C - D - 1) = (96 - 36 + 30)/(16 - 6 - 1)$$

$$= \frac{90}{9} \Rightarrow 10$$

**84. (A)** In the final mixture ratio of milk and water = 1 : 1



$$\text{Hence required ratio} = (1/2 - 2/5) (4/7 - 1/2) = (1/10) (1/14) = 7/5$$

**85. (C)** The amount which kajal has to pay to federal bank after 2

$$\begin{aligned} &\text{years in order to close her debt} \\ &= [50000 + (50000 \times 12 \times 2)/100] \\ &= 62000 \end{aligned}$$

Total amount that kajal will get from Mahesh after 2 years

$$\begin{aligned} &= 50000 (1.15) = \text{Rs. } 66125 \\ &\therefore \text{total gain made by kajal} = \text{Rs. } (66125 - \end{aligned}$$

62000)

$$\Rightarrow \text{Rs. } 4125$$

**86-90**

**86. (D)** Sales of P in 2016 =

$$12000 \times 1 + \left(1 + \frac{10}{100}\right) \times \left(1 + \frac{20}{100}\right) \times \left(1 + \frac{10}{100}\right)$$

$$= 17424$$

Sales of S in 2016 = 29040

Sales of P is less than S by (29040 - 17424)

$$\Rightarrow 11616$$

**87. (D)** Let R had T% growth in both 2014 & 2015

$$15000 \times \left(1 + \frac{T}{100}\right) \times \left(1 + \frac{T}{100}\right) \times \left(1 + \frac{10}{100}\right)$$

$$= 23760$$

$$\left(1 + \frac{T}{100}\right) = 1.2$$

$$T = 20$$

R has 20% growth in both 2014 & 2015

P & Q sales in 2013 & growths in 2014 &

2015

Less as compared to R

P & Q can never hence more sales than R in

2015.

Among Q & R Sales of Q in 2015 =

$$15000 \times \left(1 + \frac{20}{100}\right) \times \left(1 + \frac{20}{100}\right)$$

$$= 21600$$

Sales of S in 2015 =

$$20000 \times \left(1 + \frac{10}{100}\right) \times \left(1 + \frac{20}{100}\right) = 26400$$

Sales of S is maximum in 2015.

**88. (C)** Let Q had T% growth in 2016

$$= 10000 \times \left(1 + \frac{15}{100}\right) \times \left(1 + \frac{10}{100}\right)$$

$$\times \left(1 + \frac{T}{100}\right) = 16951$$

$$\left(1 + \frac{T}{100}\right) = 1.6951 / (1.15 \times 1.1) = 1.34$$

$$\Rightarrow T = 34$$

**89. (B)** If P supposed to have 25% growth in 2017 then its sales in 2017 will be given by

$$= 12000 \times \left(1 + \frac{10}{100}\right) \times \left(1 + \frac{20}{100}\right) \times \left(1 + \frac{10}{100}\right) \times \left(1 + \frac{25}{100}\right)$$

$$= 21780$$

**90. (C)** Let R had % growth in both 2014 & 2015

$$15000 \times \left(1 + \frac{T}{100}\right) \times \left(1 + \frac{T}{100}\right) \times \left(1 + \frac{10}{100}\right)$$

$$= 23760$$

$$\left(1 + \frac{T}{100}\right) = 1.2$$

$$T = 20$$

$$\text{Sales in 2014 by R} = 15000 \times \left(1 + \frac{T}{100}\right)$$

$$= 15000 \times 1.5 \Rightarrow 18000$$

**91-95**

**91. (E)**  $? = (35^2 - 5) / 20$

$$= (1225 - 5) / 20$$

$$\Rightarrow 1220 / 20 = 61$$

**92. (D)**  $(?)^2 \approx 31^2 - 10 - 8^3$

$$= 961 - 10 - 512$$

$$= 439$$

$$\Rightarrow \approx 21$$

**93. (C)**  $? = (29 \times \sqrt{225}) / \sqrt{21025}$

$$= \left(29 \times \frac{15}{145}\right) = 3$$

**94. (B)**  $P \approx \left(50 \times \frac{1290}{100}\right) + \sqrt{441} - 628$

$$= 645 + 21 - 628$$

$$\Rightarrow 38$$

**95. (B)**  $75\% \text{ of } (?)^2 = 166 + \frac{682}{2}$

$$= 166 + 341 = 507$$

$$?^2 = 507 \times \frac{75}{100}$$

$$= 676$$

$$? = 26$$

**96. (E)** Let the numbers be x and y

$$2436 = 3 \times 4 \times 7 \times 29$$

$$\therefore \frac{x}{y} = \frac{4k \times 7 \times 29}{3k \times 7 \times 29} = \frac{3}{4}$$

As LCM is the least common factor,

We would be using 1 as the value of k

$$\Rightarrow x = 812 \text{ and } y = 609$$

HCF (812, 609)

$$= \frac{812 \times 609}{2436}$$

$$\Rightarrow 203$$

**97. (E)** 40% of m = n

$$= \frac{40}{100} m = n$$

$$= \frac{2m}{5} = n$$

$$= 2m = 5n$$

$$60\% \text{ of } n = 180$$

$$= \frac{60}{100} \times n = 180$$

$$= \frac{3n}{5} = 180$$

$$= 3n = 900$$

$$N = 300$$

$$2m = 5 \times 300$$

$$M = \frac{1500}{2} = 750$$

$$(m - n) = (750 - 300) = 450$$

$$85\% \text{ of } (m - n) = \frac{85}{100} \times 450 \Rightarrow 382.5$$

**98. (A)** Let the number is = x

According to Question

$$= (3675/x)^2 \times 37 = 2775$$

$$= \frac{3675}{x^2} = \frac{2775}{37}$$

$$= \frac{3675}{x^2} = 75$$

$$= x^2 = 49$$

$$= x = 7$$

99. (A) Concentration of Alcohol in the first Bottle =  
40%

Concentration of Alcohol in the second bottle  
= 19%

$\frac{\text{Cost price of unit quantity of cheaper substance}}{\text{Cost price of unit quantity of dearer substance}}$

$$= \frac{\text{mean price} - C}{d - \text{mean price}}$$

First bottle

$$26 - 19 = 7$$

Second bottle

$$40 - 26 = 14$$

Ratio is 1 : 2

$$\text{The part of Brandy replaced} = \frac{2}{3}$$

100.(C) I.  $x - 3 = 0$

$$x = 3$$

II.  $y^2 - 10y + 24 = 0$

$$y^2 - 4y - 6y + 24 = 0$$

$$y(y - 4) - 6(y - 4) = 0$$

$$(y - 6)(y - 4) = 0$$

$$y = 6 \text{ and } y = 4$$



**IBPS CLERK (PER)- SPEED TEST -5****ANSWER KEY**

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