

### **Solutions**

#### 1. Ans. B

As mentioned in the last line of the first paragraph, virtual technology refers to the act of creating virtual versions such as computer software and business methods. Hence B is the correct choice.

#### 2. Ans. A

According to the paragraph, development of technology affects not only one aspect but changes all aspects like social, cultural and political. Advancement in technology decreases barriers to human interaction. Consequently, new subculture arises in the society. Hence A is the correct choice.

#### 3. Ans. C

It can be inferred from the following statement of the passage, 'When combined with another term, such as "medical technology" or "space technology," it refers to the state of the respective field's knowledge and tools.'

#### 4. Ans. A

Spawn means to produce. Corresponding to it, contextually generate is the most suitable response.

#### 5. Ans. A

The term Oppression means unjust treatment, which is similar to the word 'Persecution'. Fair is an opposite of Oppression. Democracy means government by the people especially rule of majority. Emergency means an oftendangerous situation requiring immediate action. Hence A is the correct choice.

#### 6. Ans. A

Endeavor means to try hard to do or achieve something. All other options are related to endeavour in some or the other way. Negligence is an opposite word. Negligence means avoid something or try not to get something. Hence A is the correct choice.

# 7. Ans. B

Predates means to put the date on something that is earlier than the current date. Follow is the opposite word. Follow refers to postdate which means occur or come later than. Other words are synonyms of Predate. Antedate means to come before or come earlier in date. Antecede means precede which refers to come before (something) in time or order. Forego also means precede or to go before. Hence B is the correct choice.

#### 8. Ans. E

All the statements can be inferred from the passage. Hence, all of them define technology's benefits to human beings.

## 9. Ans. A

It can be inferred from the first paragraph of the passage that development of technology is referred to as a problem-solving tool because it contains all the material and immaterial entities which help in solving problems. Hence option A is the correct choice.

# 10. Ans. D

In the given passage, the author highlights the positive impact of technology in our life. Also, the author explains about the advancement of technology which refers to tools and machines that may be used to solve real-world

problems. It includes simple tools as well as complex method. So, option D covers the central idea of the passage most suitably. All the other options are related, but do not cover the passage as a whole. Hence D is the correct choice.

#### 11. Ans. B

'performing' is the most suitable response. It refers to operating/functioning.

#### 12. Ans. A

'Emerging' is the most suitable response. It refers to developing/rising.

## 13. Ans. D

The statement highlights a comparison. Corresponding to that, 'relative' is the most suitable response.

## 14. Ans. C

Since the passage talks about the downfall in the prices, 'plunge' is the most suitable response. It refers to a quick drop.

# 15. Ans. A

According to the context of the theme, boost is the most suitable response.

# 16. Ans. A

'Managed' is the most suitable response to make the sentence correct.

# 17. Ans. E

The given word suits the blank well. Hence, no correction is required.

#### 18. Ans. B

Assimilate is the most suitable response. It means to comprehend/accommodate.

# 19. Ans. E

The given word is correct. Hence no correction is required.

# 20. Ans. D

'Prospects' is the msot suitable response.

## 21. Ans. D

As a general rule, adjectives are usually placed in this order:

Opinion  $\to$  size  $\to$  quality  $\to$  age  $\to$  shape  $\to$  colour $\to$  participle forms $\to$  origin  $\to$  material type  $\to$  purpose

# 22. Ans. C

The sentence discusses about individuals and therefore instead of the preposition we should use a pronoun. Therefore, choice "C" is correct.

#### 23. Ans. C

We are talking about decades in this sentence and therefore, we should use "have" instead of "has". Hence, choice "C" is correct.

## 24. Ans. B

The sentence is in Simple Past Tense and so second form of verb is required.

# 25. Ans. D

Use of 'been' is superfluous.

#### 26. Ans. A

Replace 'more requests than' by many requests but.





Replace hand to mouthful existence by hand to mouth existence means having or providing only the bare essentials not more than it.

28. Ans. C

The verb form 'earning' is preceded by 'to' and grammatically the rule is that the first form of the verb is used along with 'to'. So, 'earn a decent living' is the most appropriate replacement for the boldened part.

29. Ans. C

Replace 'served piped hot' by 'served piping hot' which means (of food or water) very hot.

30. Ans. B

Here, 'so as to catch' should be used to make the sentence grammatically correct. 'so as to' indicates the reason for the action mentioned in the former part of the given sentence.

31. Ans. E

$$2x^2 - 7x + 6 = 0$$

$$2x^2-4x-3x+6=0$$

$$2x(x-2)-3(x-2)=0$$

$$(x-2)(2x-3)=0$$

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

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

$$y^2 - 2y - y + 2 = 0$$

$$y(y-2)-1(y-2)=0$$

$$(y-1)(y-2)=0$$

$$y = 1, 2$$

say x = 1.5 and y = 2; then x < y

if x = 2 and y = 1; then x > y

No specific relation can be established between x & y.

32. Ans. B

$$3x^2 + 4x + 1 = 0$$

$$3x^2 + 3x + x + 1 = 0$$

$$3x(x+1)+1(x+1)=0$$

$$(x+1)(3x+1)=0$$

$$x = -1, -\frac{1}{3}$$

$$v^2 + 5v + 6 = 0$$

$$v^2 + 3v + 2v + 6 = 0$$

$$y(y+3)+2(y+3)=0$$

$$(\nu + 3)(\nu + 2) = 0$$

$$y = -3, -2$$

$$2x^2 + 5x + 2 = 0$$

$$2x^2 + 4x + x + 2 = 0$$

$$2x(x+2)+1(x+2)=0$$

$$(x+2)(2x+1)=0$$

$$x = -2, -\frac{1}{2}$$

$$y^2 + 9y + 20 = 0$$

$$v^2 + 4v + 5v + 20 = 0$$

$$v(v+4)+5(v+4)=0$$

$$(y+5)(y+4)=0$$

$$y = -5, -4$$

$$x^2 - 7x + 10 = 0$$

$$x^2 - 2x - 5x + 10 = 0$$

$$x(x-2) - 5(x-2) = 0$$

$$(x-2)(x-5)=0$$

$$x = 2.5$$

$$y^2 - 12y + 35 = 0$$

$$y^2 - 5y - 7y + 35 = 0$$

$$y(y-5)-7(y-5)=0$$

$$(y-5)(y-7)=0$$

# y = 5,7

If y = 5, x = 2 then y > x

If y = 5, x = 5 then y = x

Hence,

 $x \le y$ 

35. Ans. D

$$(x-12)^2=0$$

$$x-12=0$$

$$x = 12$$

$$v^2 = 144$$

$$\nu = -12.12$$

 $x \ge y$ 

36. Áns. E

 $14 \times 0.5 + 1 = 8$ 

 $8 \times 1 + 1 = 9$ 

 $9 \times 1.5 + 1 = 14.5$ 

 $14.5 \times 2 + 1 = 30$ 

 $30 \times 2.5 + 1 = 76$ 



$$77 + (8 \times 1) = 85$$

$$85 - (8 \times 2) = 69$$

$$69 + (8 \times 4) = 101$$

$$101 - (8 \times 8) = 37$$

$$37 + (8 \times 16) = 165$$

38. Ans. E

$$20 + 3^2 = 29$$

$$29 + 5^2 = 54$$

$$54 + 7^2 = 103$$

$$103 + 9^2 = 184$$

$$184 + 11^2 = 305$$

39. Ans. C

$$7 \times 1 + 1 = 8$$

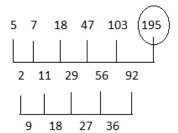
$$8 \times 2 + 2 = 18$$

$$18 \times 3 + 3 = 57$$

$$57 \times 4 + 4 = 232$$

# $232 \times 5 + 5 = 1165$

Hence option C is the right answer. 40. Ans. C



Difference of numbers

$$7 - 5 = 2$$

$$18 - 7 = 11$$

$$47 - 18 = 29$$

$$103 - 47 = 56$$

$$195 - 103 = 92$$

Difference in difference of numbers

$$11 - 2 = 9$$

$$29 - 11 = 18$$

$$56 - 29 = 27$$

$$92 - 56 = 36$$

Hence option C is the right answer.

$$13.03^2 + 7 + 21.998 \times 4.012 = 298.998$$

$$13^2 + 7 + 22 \times 4 = 299$$

$$169 + ? + 88 = 299$$

# 7 = 42

42. Ans. E

Making approximation,

$$\sqrt{33124} \times \sqrt{2601} - (83)^2 = (?)^2 + (37)^2$$

$$\Rightarrow$$
 182 × 51 - 6889 = ?<sup>2</sup> + 1369

$$\Rightarrow$$
9282 - 6889 - 1369 = ?<sup>2</sup>

$$\Rightarrow ?^2 = 1024$$

$$\sqrt{454 + 985} - ?^2 \div 18.752 = 18.9001$$

$$\Rightarrow \sqrt{1439} - ?^2 \div 18.752 = 18.9001$$

Here,

$$\sqrt{1439} \approx 38$$

 $18.752 \approx 19$ 

 $18.9001 \approx 19$ 

Now, the expression will become:

$$38 - ?^2 \div 19 = 19$$

$$\Rightarrow$$
?<sup>2</sup> ÷ 19 ≈ 38-19

$$\frac{7441}{34}$$
\*12 = ? \*9+110

 $2626 \approx ? \times 9 + 110$ 

$$? \approx \frac{2516}{9} = 279.55 \approx 280$$

Demand for brand C product = 2800 units

Demand for brand C product increase by 75%

⇒New demand of brand C product = 175% of 2800 units

⇒New demand of brand C product = 4900 units

Production of brand C product = 3300 units

To meet the demand the brand C should raise the production of product to 4900 units

∴1600 more units should be produced.

$$\frac{1600}{3300} \times 100 = 48.48\%$$
⇒required percentage = Hence, to meet the demand the brand C should rais

Hence, to meet the demand the brand C should raise the production by 48.48%.





47. Ans. D

Demand for brand A product = 2200 units Production of brand A product = 1400 units Difference between demand and production of brand A product = 800 units

The company has to raise its production to 2200 to meet its demand for that it has to produce 800 units more. With every 160 unit produced the brand increases its price by 10%.

⇒Number of times the brand increase its price by 10% = 800/160 = 5

Earlier price of one product was INR 5000

⇒New price of the product
$$= 5000 \times \frac{110}{100} \times \frac{110}{100} \times \frac{110}{100} \times \frac{110}{100} \times \frac{110}{100} = 8052.55$$

Hence, the new price of the product is INR 8052. 55 48. Ans. A

Demand of brand D product = 5000 units Production of brand D product = 4500 units The new demand is 20% less than its production New demand for brand D product = 80% of 4500 units ⇒New demand of brand D product = 3600 units ∴Difference in earlier demand and new demand = 5000 -3600 = 1400⇒Demand fell by 1400 units

Now, required percentage =  $\frac{1400}{5000} \times 100 = 28\%$ 

Hence, the demand for brand D product fell by 28%. 49. Ans. A

Let the price of the product be INR x

The brand B decreased its price by 12% which led to increasing in demand by 25%

 $\Rightarrow$ New price of the product = 88% of x

Demand for the brand B product = 3200 units

⇒New demand of the brand B product = 125% of 3200

⇒New demand of the brand B product = 4000 units

The ratio between the new price and new demand is 11: 20

$$\frac{\frac{88x}{100}}{4000} = \frac{11}{20}$$

$$\frac{\frac{88x}{100}}{\frac{100}{100}} \times \frac{1}{4000} = \frac{11}{20}$$

$$\frac{\frac{88x}{100}}{\frac{100}{100}} = \frac{11}{20} \times 4000$$

$$\Rightarrow x = 2500$$

Hence, original price of the brand B product is INR 2500 50. Ans. C

Production of brand E product = 3500 units Production of brand F product = 4400 units Total production of brand E and F = 7900 units Demand of brand E product = INR 2800 units Demand of brand F product = INR 3600 units Total demand of brand E and F = 6400 units Now, required percentage

$$= \frac{7900}{6400} \times 100 = 123.43\% \approx 123\%$$

51. Ans. C

Let the heights, radius & volumes of two cylinders are  $h_1, h_2, r_1, r_2, V_1, V_2$  respectively.

$$\frac{V_1}{V_2} = \frac{27}{80}$$

$$\frac{\pi r_1^2 h_1}{\pi r_2^2 h_2} = \frac{27}{80}$$

Because  $h_1/h_2=(3/5)$ 

Hence,

$$\frac{{r_1}^2}{{r_2}^2} = \frac{9}{16}$$

$$\frac{r_1}{r_2} = \frac{3}{4}$$

52. Ans. B

Let the efficiency of A= 5unit per day Efficiency of B= 120% A= 6 unit per day

Work done by B = 6\*x = 6x unit

Work done by A = 5(x+8) = 5x+40 unit

As per Question: 5x+40/6x = 3/2

10x + 80 = 18x

8x = 80 i.e x = 10

Then the total work to be done= 6x + 5x + 40 = 150 unit Time taken by A and B in completing the whole work together= total work/ efficiency of A and B

=150/6+5=150/11 days

53. Ans. D

Let us assume that speed of boat in still water is v km/hr and speed of current is s km/hr. Then

$$\frac{X}{v+s} = \frac{X-18}{v-s}$$

$$v-s=v+s-6$$

$$2s = 6$$

$$s = 3$$

$$v = 15$$

$$\frac{X}{18} = \frac{X - 18}{12}$$

$$12X = 18X - 324$$

$$6X = 324$$

$$X = 54$$

54. Ans. D

Sum borrowed = 91,000

The amount to be paid back in two years

$$= 91,000 \left(1 + \frac{20}{100}\right)^2 = 1,31,040$$



55. Ans. C  

$$MP = 1.4CP$$
  
 $MP \left(1 - \frac{x}{100}\right) = 1.12CP$   
 $1.4CP \left(1 - \frac{x}{100}\right) = 1.12CP$   
 $\left(1 - \frac{x}{100}\right) = \frac{1.12}{1.40}$   
 $\frac{x}{100} = 1 - \frac{1.12}{1.40}$   
 $\frac{x}{100} = \frac{0.28}{1.40}$   
 $x = 20\%$ 

Cost Price of new article is 120 Rs.

So if 20% profit is desired then selling price will be = 1.2\*120 = 144 Rs.

56. Ans. C

Let us assume that initial investments by A, B & C are 3x, 4x & 5x respectively.

This investment was same for B & C throughout the year.

However, A withdrawn  $1/12^{th}$  of (4x+5x) = 3x/4So, investment of A for next 8 months will be= (3x - 3x/4 = 9x/4)

Total investment of A = 8\*9x/4 + 3x\*4 = 30xHence share of B in the total profit of 9200 Rs. will be = (12\*4x)/[(30x)+(12\*4x)+(12\*5x)]\*9200 = 320057. Ans. E

Let us first calculate the initial volumes of acetic acid and sodium acetate solution. Since, the ratio is 3:1 and the total volume is 40 litres we have the equation  $3x + x = 40 \Rightarrow 4x = 40 \Rightarrow x = 10$ .

the initial volumes are 3x = 30 litres and x = 10 litres. To make the ratio 2:3,let w litres of sodium acetate solution be added.

Thus, the proportion is 30: (w+10) = 2:3

 $\Rightarrow$ 30 × 3= (w+10) × 2 (if a:b=c:d then a/b=c/d or ad=bc)

⇒90=2w+20

⇒70=2w

⇒w=35litre

58. Ans. D

The ratio of the ages of Radhika and Rinku is 3:1.

Let their ages be 3x and x respectively -(1).

The ratio of ages of Rinku and Sindhu is 8:5.

Let their ages be 8y and 5y.

Given that Rinku is 6 years elder to Sindhu.

 $\therefore 8y - 5y = 6 \Rightarrow y = 2.$ 

Thus, the present ages of Rinku and Sindhu are  $8 \times 2 = 16$  and  $5 \times 2 = 10$  respectively.—(2)

From (1) and (2), we have x = 16.

Therefore, the age of Radhika is  $3 \times 16 = 48$ .

After 12 years, their ages would be 48 + 12 = 60,16 + 12

= 28 and 10 + 12 = 22 respectively.

So, the ratio is 60 : 28 : 22 or **30 : 14 : 11** (dividing throughout by 2).

59. Ans. B

The age of 5 members 3 years ago= $17 \times 5=85$  years Total age of 5 members at present=  $85 + (5 \times 3)=100$ 

Total age of 6 members at present = $17 \times 6 = 102$  years... (as average is same at present so we took 17)

Hence, age of baby = 102-100 = 2 years

60. Ans. B

Average Spending = (Total Spending of the 12 persons)/12

Total spending of 11 persons =  $2000 \times 11 = 22000$ 

Let the spending of the  $12^{th}$  person be x.

So, according to the question, the average spending of the 12 persons = x - 110

So, (x-110) = (22000 + x)/12

 $\rightarrow$ 12x - 1320 = 22000 + x

 $\rightarrow$ 11x = 23320

So, x = Rs.2120

61. Ans. D

Total number of students in college A = 1850

54% of the total students are male

⇒46% of the total students are female

∴Number of female students in college A = 46% of 1850

⇒Number of female students in college A = 851

Total number of students in college B = 1550

66% of the total students are male

⇒34% of the total students are female

∴Number of female students in college B = 34% of 1550

 $\Rightarrow$ Number of female students in college B = 527

Total number of students in college D = 1675

56% of the total students are male

⇒44% of the total students are female

∴Number of female students in college D = 44% of 1675

⇒Number of female students in college D = 737

Total number of students in college F = 1450

38% of the total students are male

⇒62% of the total students are female

∴Number of female students in college F = 62% of 1450

⇒Number of female students in college F = 899

ow, required average =  $\frac{851+527+737+899}{1} = \frac{303}{1}$ 

Now, required average =  $\frac{}{4}$ 

= 753.5

Hence, the average of number of female students in all the colleges except C and E is 753.5

62. Ans. A

Total number of students in college A = 1850

54% of the total students are male

⇒46% of the total students are female

::8% difference between male and female students

 $\Rightarrow$ Difference between male and female students in college

A = 8% of 1850

 $\Rightarrow$ Difference between male and female students in college A = 148





Total number of students in college B = 1550

66% of the total students are male

⇒34% of the total students are female

:32% difference between male and female students

 $\Rightarrow$ Difference between male and female students in college B = 32% of 1550

 $\Rightarrow$ Difference between male and female students in college B = 496

Total number of students in college C = 1340

45% of the total students are male

⇒55% of the total students are female

:10% difference between male and female students

 $\Rightarrow$ Difference between male and female students in college C = 10% of 1340

 $\Rightarrow$ Difference between male and female students in college C = 134

Total number of students in college D = 1675

56% of the total students are male

⇒44% of the total students are female

:12% difference between male and female students

 $\Rightarrow$ Difference between male and female students in college D = 12% of 1675

 $\Rightarrow$ Difference between male and female students in college D = 201

Total number of students in college E = 1250

72% of the total students are male

⇒28% of the total students are female

::44% difference between male and female students

 $\Rightarrow$ Difference between male and female students in college E = 44% of 1250

 $\Rightarrow$ Difference between male and female students in college E = 550

Total number of students in college F = 1450

38% of the total students are male

⇒62% of the total students are female

::24% difference between male and female students

 $\Rightarrow$ Difference between male and female students in college F = 24% of 1450

 $\Rightarrow$ Difference between male and female students in college F = 348

Now, required average

$$=\frac{\frac{148+496+134+201+550+348}{6}=\frac{1877}{6}=312.8$$

Hence, the average of the difference between the number of male and female in all the colleges is 312.8.

63. Ans. C

Total number of students in college C = 1340

45% of the total students are male

⇒55% of the total students are female

 $\therefore$ Number of female students in the college C = 55% of 1340

⇒Number of female students in the college C = 737

Total number of students in college A = 1850

54% of the total students are male

 $\therefore$ Number of male students in the college A = 54% of 1850

⇒Number of male students in the college A = 999 Now, required percentage

$$=\frac{737}{999}\times100=73.77\approx74\%$$

Hence, the number of female students in college C is approx. 74% of number of male students of college A 64. Ans. B

Total number of students in college E = 1250

72% of the total students are male

⇒28% of the total students are female

∴Number of female students in college E = 28% of 1250

⇒Number of female students in college E = 350

Out of 350 students, 30% are in Arts department

 $\Rightarrow$ Number of female students in Arts department = 30% of 350

⇒Number of female students in Arts department = 105 105 female students is 35% of total students in Arts department

Let the total number of students in Arts department be  $x \Rightarrow$ Number of female students in Arts department = 35% of x

 $\Rightarrow$ 7x/20 = 105

 $\Rightarrow x = 300$ 

∴Number of male students in arts department = 300 - 105 = 195

Number of male students in college E = 72% of 1250 ⇒Number of male students in college E = 900

Now, required percentage

$$=\frac{195}{900} \times 100 = 21.666\%$$

Hence, approx. 22% of the total male students in the college are in Arts department.

65. Ans. E

Total number of students in college B = 1550

66% of the total students are male

∴Number of male students in college B = 66% of 1550

⇒Number of male students in college B = 1023

 $\therefore 2/3^{rd}$  of male students of college B = 682

Total number of students in college F = 1450

38% of the total students are male

⇒62% of the total students are female

∴Number of female students in college F = 62% of 1450

⇒Number of male students in college F = 899

Now, required ratio = 
$$\frac{682}{899} = \frac{22}{29}$$

Hence, the ratio of  $2/3^{rd}$  of college B male students and female students of college F is 22: 29

66. Ans. C

Month	14 <sup>th</sup>	21st
January	A	D
March	С	G
April	F	В
June	Е	Н





Month	14 <sup>th</sup>	21st
January	A	D
March	С	G
April	F	В
June	Е	Н

68. Ans. A

Month	14 <sup>th</sup>	21st
January	Α	D
March	С	G
April	F	В
June	Е	Н

69. Ans. D

Month	14 <sup>th</sup>	21st
January	A	D
March	С	G
April	F	В
June	Е	Н

70. Ans. D

Month	14 <sup>th</sup>	21st
January	A	D
March	С	G
April	F	В
June	Е	Н

71. Ans. D

A > B = C < D < E > F

## Conclusions:

For conclusion I -

C < D < E > F - no relation between F and C.

I. F < C (false)

For conclusion II -

A > B = C < D - no relation betwenn A and D.

II. A > D ( false)

Hence, neither conclusion I nor II is true.

72. Ans. B

A < B > C > D; A > E, D > F

by combining both the statement we get -

E < A < B > C > D > F

## Conclusions:

For conclusion I -

B > C > D > F - B is greater than F

I. F > B (false)

For conclusion II -

E < A < B - B is greater than E.

II. B > E (true)

Hence, only Conclusion II is true.

73. Ans. E

A = B < C > D; E > C < F

#### Conclusions:

## For conclusion I -

A = B < C < E - E is greater than A

I. E > A (true)

For conclusion II-

F > C > D

II. F > D (true)

Hence, both Conclusions I and II are true.

74. Ans. E

 $S \ge T \$ P > K \le N, O < M = K # J > L$ 

By replacing the symbols in the place of (>) and  $\#(\geq)$  we get

 $S \ge T > P > K \ge J$ , hence S > J is definitely true.

 $M = K \ge J$ , hence  $M \ge J$  is also definitely true.

75. Ans. C

 $N > O \le L = P \$ T, H > M \le T \# S < N$ 

By replacing the symbols in the place of  $(\ge)$  and (=) we get

 $N > O \le L = P \ge T$ ,  $H > M \le T = S < N$ 

 $L = P \ge T = S$ 

hence  $L \ge S$  is definitely true.

T = S < N hence, N > T is definitely true.

76. Ans. A

Take the individual statements, by which useful information is deducted:

- 1. The sum of the ages of S and Q is equal to P. S is not the youngest person. It means S is 14 and Q is 12. P is equal to 26.
- 2. The one who is 12 years old is 4<sup>th</sup> to the left of the eldest person, who is sitting at the end. Q is at 4th position from the left side.
- 3. S and W are neighbors of Q. It means S is at 3rd from left and W is 5th from left.
- 4. Only 3 persons are sitting between S and U. It means U is seventh from left side.
- 5. Only 2 persons are sitting between Q and T, who is 29 years old. It means T is on first position.

T	P	S	Q	W	R	U	V
29	26	14	12	18	35	42	67

77. Ans. C

T	P	S	Q	W	R	U	V
29	26	14	12	18	35	42	67

78. Ans. D

T	P	S	Q	W	R	U	V
29	26	14	12	18	35	42	67

79. Ans. E

T	P	S	Q	W	R	U	V
29	26	14	12	18	35	42	67

80. Ans. B

T	P	S	Q	W	R	U	V
29	26	14	12	18	35	42	67





Given number - 9458732

9 - 2 = 7

4 + 1 = 5

5 - 2 = 3

8 + 1 = 9

7 - 2 = 5

3 - 2 = 1

2 + 1 = 3

Thus, newly formed number is – **7539513**, so here 5 and 3 repeat in the newly formed number.

82. Ans. C

green grass everywhere : dik pa sok'

 $\rightarrow$ Green : dik/ sok

→Grass : pa

→Everywhere : sok/ dik cow eats grass : nok ta pa

→Cow : nok/ta
→Eats : ta/ nok
→Grass : pa

It is clear that cow is written as 'nok' or 'ta'

83. Ans. C

B>D>A>E>C>F

Here A got 205 marks and he score more marks than E. E score more marks than C & F. C score 160 marks than F. F score minimum marks.

The one who got maximum marks, got 100 marks more than C, hence maximum marks will be 160 + 100 = 260

84. Ans. B

The arrangement is as follows -

B>D>A>E>C>F

Here A got 205 marks and he score more marks than E. E score more marks than C & F. C score 160 marks than F. F scoe minimum marks.

85. Ans. C

The arrangement is as follows -

B>D>A>E>C>F

Here A got 205 marks and he score more marks than E. E score more marks than C & F. C score 160 marks than the possible number of marks which E got will be 185.

86. Ans. C

Years	Age	Person
2005	12	D
2000	17	A
1995	22	F
1991	26	В
1990	27	С
1982	35	G
1980	37	Е
1976	41	Н

87. Ans. B

Years	Age	Person
2005	12	D
2000	17	A
1995	22	F
1991	26	В
1990	27	С
1982	35	G
1980	37	Е
1976	41	Н

88. Ans. A

Years	Age	Person
2005	12	D
2000	17	A
1995	22	F
1991	26	В
1990	27	С
1982	35	G
1980	37	Е
1976	41	Н

89. Ans. B

Years	Age	Person
2005	12	D
2000	17	A
1995	22	F
1991	26	В
1990	27	С
1982	35	G
1980	37	Е
1976	41	Н

90. Ans. B

Years	Age	Person		
2005	12	D		
2000	17	A		
1995	22	F		
1991	26	В		
1990	27	С		
1982	35	G		
1980	37	Е		
1976	41	Н		





Date	Person	Laptop	Watch
21st June	В	Sony	Sonata
22 <sup>nd</sup> June	D	Lenovo	Casio
23 <sup>rd</sup> June	F	Dell	Fossil
24 <sup>th</sup> June	С	Apple	Diesel
25 <sup>th</sup> June	Е	HP	Rolex
26 <sup>th</sup> June	A	Samsung	Titan
27 <sup>th</sup> June	G	Asus	Maxima

# 92. Ans. A

Date	Person	Laptop	Watch
21⁵t June	В	Sony	Sonata
22 <sup>nd</sup> June	D	Lenovo	Casio
23 <sup>rd</sup> June	F	Dell	Fossil
24 <sup>th</sup> June	С	Apple	Diesel
25 <sup>th</sup> June	Е	HP	Rolex
26 <sup>th</sup> June	A	Samsung	Titan
27 <sup>th</sup> June	G	Asus	Maxima

# 93. Ans. C

Date	Person	Laptop	Watch
21st June	В	Sony	Sonata
22 <sup>nd</sup> June	D	Lenovo	Casio
23 <sup>rd</sup> June	F	Dell	Fossil
24 <sup>th</sup> June	С	Apple	Diesel
25 <sup>th</sup> June	Е	HP	Rolex
26 <sup>th</sup> June	A	Samsung	Titan
27 <sup>th</sup> June	G	Asus	Maxima

# 94. Ans. D

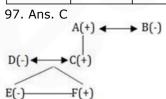
Date	Person	Laptop	Watch
21⁵t June	В	Sony	Sonata
22 <sup>nd</sup> June	D	Lenovo	Casio
23 <sup>rd</sup> June	F	Dell	Fossil
24 <sup>th</sup> June	С	Apple	Diesel
25 <sup>th</sup> June	Е	HP	Rolex
26 <sup>th</sup> June	A	Samsung	Titan
27 <sup>th</sup> June	G	Asus	Maxima

# 95. Ans. E

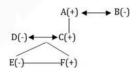
Date	Person	Laptop	Watch
21st June	В	Sony	Sonata
22 <sup>nd</sup> June	D	Lenovo	Casio
23 <sup>rd</sup> June	F	Dell	Fossil
24 <sup>th</sup> June	С	Apple	Diesel
25 <sup>th</sup> June	Е	HP	Rolex
26 <sup>th</sup> June	A	Samsung	Titan
27 <sup>th</sup> June	G	Asus	Maxima

# 96. Ans. E

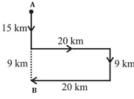
Date	Person	Laptop	Watch
21st June	В	Sony	Sonata
22 <sup>nd</sup> June	D	Lenovo	Casio
23 <sup>rd</sup> June	F	Dell	Fossil
24 <sup>th</sup> June	С	Apple	Diesel
25 <sup>th</sup> June	Е	HP	Rolex
26 <sup>th</sup> June	A	Samsung	Titan
27 <sup>th</sup> June	G	Asus	Maxima



# 98. Ans. A



# 99. Ans. A



# 100. Ans. C

