

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 often-dangerous 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 most suitable response.

21. Ans. D

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

Opinion → size → quality → age → shape → colour → principle forms → origin → material type → 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.

27. Ans. B

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

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

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

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

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

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

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

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

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

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

$$y = -3, -2$$

$x > y$

33. Ans. B

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

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

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

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

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

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

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

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

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

$$y = -5, -4$$

$x > y$

34. Ans. C

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

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

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

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

$$x = 2, 5$$

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

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

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

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

$$y = 5, 7$$

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

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

Hence,

$x \leq y$

35. Ans. D

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

$$x-12 = 0$$

$$x = 12$$

$$y^2 = 144$$

$$y = -12, 12$$

$x \geq y$

36. Ans. E

$$14 \times 0.5 + 1 = 8$$

$$8 \times 1 + 1 = 9$$

$$9 \times 1.5 + 1 = 14.5$$

$$14.5 \times 2 + 1 = 30$$

$$30 \times 2.5 + 1 = 76$$

37. Ans. D

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

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

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

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

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

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

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

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

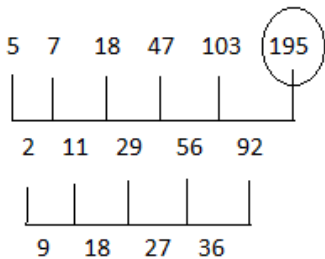
$$18 \times 3 + 3 = 57$$

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

$$232 \times 5 + 5 = 1165$$

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.

41. Ans. B

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

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

$$169 + 7 + 88 = 299$$

$$7 = 42$$

42. Ans. E

Making approximation,

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

$$\Rightarrow 182 \times 51 - 6889 = ?^2 + 1369$$

$$\Rightarrow 9282 - 6889 - 1369 = ?^2$$

$$\Rightarrow ?^2 = 1024$$

$$\Rightarrow ? = 32$$

43. Ans. A

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

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

Here,

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

$$18.752 \approx 19$$

$$18.9001 \approx 19$$

Now, the expression will become:

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

$$\Rightarrow ?^2 \div 19 \approx 38 - 19$$

$$\Rightarrow ?^2 \approx 361$$

$$\Rightarrow ? \approx 19$$

44. Ans. B

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

$$2626 \approx ? \times 9 + 110$$

$$? \times 9 \approx 2516$$

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

45. Ans. D

$$? = 5467 - 3245 + 1123 - 2310 = 1030$$

46. Ans. B

Demand for brand C product = 2800 units

Demand for brand C product increase by 75%

\Rightarrow New demand of brand C product = 175% of 2800 units

\Rightarrow 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

\therefore 1600 more units should be produced.

$$\Rightarrow \text{required percentage} = \frac{1600}{3300} \times 100 = 48.48\%$$

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

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

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%

⇒ 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

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

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

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

$$\Rightarrow x = 2500$$

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 = 5 unit per day

Efficiency of B = 120% A = 6 unit per day

Work done by B = $6 \times x = 6x$ unit

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

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

$$10x + 80 = 18x$$

$$8x = 80 \text{ i.e } x = 10$$

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

$$= 150/6+5 = 150/11 \text{ days}$$

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 = $1.2 \times 120 = 144$ 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 $\frac{1}{12}$ th of $(4x+5x) = 3x/4$

So, investment of A for next 8 months will be = $(3x - 3x/4) = 9x/4$

Total investment of A = $8 \times 9x/4 + 3x \times 4 = 30x$

Hence share of B in the total profit of 9200 Rs. will be = $(12 \times 4x) / [(30x) + (12 \times 4x) + (12 \times 5x)] \times 9200 = 3200$

57. 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 $30 : (w+10) = 2 : 3$

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

$$\Rightarrow 90 = 2w + 20$$

$$\Rightarrow 70 = 2w$$

$$\Rightarrow w = 35 \text{ litre}$$

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 = $85 + (5 \times 3) = 100$ years

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 12th person be x .

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

$$\text{So, } (x - 110) = (22000 + x)/12$$

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

$$\rightarrow 11x = 23320$$

$$\text{So, } x = \text{Rs. } 2120$$

61. Ans. D

Total number of students in college A = 1850

54% of the total students are male

$\Rightarrow 46\%$ of the total students are female

\therefore Number of female students in college A = 46% of 1850

\Rightarrow Number of female students in college A = 851

Total number of students in college B = 1550

66% of the total students are male

$\Rightarrow 34\%$ of the total students are female

\therefore 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

$\Rightarrow 44\%$ of the total students are female

\therefore Number of female students in college D = 44% of 1675

\Rightarrow Number of female students in college D = 737

Total number of students in college F = 1450

38% of the total students are male

$\Rightarrow 62\%$ of the total students are female

\therefore Number of female students in college F = 62% of 1450

\Rightarrow Number of female students in college F = 899

$$\text{Now, required average} = \frac{851 + 527 + 737 + 899}{4} = \frac{3014}{4}$$

$$= 753.5$$

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

$\Rightarrow 46\%$ of the total students are female

$\therefore 8\%$ 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
 ⇒ Difference between male and female students in college B = 32% of 1550
 ⇒ 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
 ⇒ Difference between male and female students in college C = 10% of 1340
 ⇒ 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
 ⇒ Difference between male and female students in college D = 12% of 1675
 ⇒ 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
 ⇒ Difference between male and female students in college E = 44% of 1250
 ⇒ 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
 ⇒ Difference between male and female students in college F = 24% of 1450
 ⇒ Difference between male and female students in college F = 348
 Now, required average

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

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
 ∴ 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
 ∴ Number of male students in the college A = 54% of 1850

⇒ Number of male students in the college A = 999

Now, required percentage

$$= \frac{737}{999} \times 100 = 73.77 \approx 74\%$$

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

⇒ 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

⇒ 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

$$= \frac{195}{900} \times 100 = 21.666\% = 22\%$$

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

∴ 2/3rd 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

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

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

66. Ans. C

Month	14 th	21 st
January	A	D
March	C	G
April	F	B
June	E	H

67. Ans. B

Month	14 th	21 st
January	A	D
March	C	G
April	F	B
June	E	H

68. Ans. A

Month	14 th	21 st
January	A	D
March	C	G
April	F	B
June	E	H

69. Ans. D

Month	14 th	21 st
January	A	D
March	C	G
April	F	B
June	E	H

70. Ans. D

Month	14 th	21 st
January	A	D
March	C	G
April	F	B
June	E	H

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 between 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

$S \geq T \leq P > K \leq N$, $O < M = K \neq J > L$

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

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

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

75. Ans. C

$N > O \leq L = P \leq T$, $H > M \leq T \neq S < N$

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

$N > O \leq L = P \geq T$, $H > M \leq T = S < N$

$L = P \geq T = S$

hence $L \geq S$ 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 4th 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

81. Ans. B

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'

→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 score 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	B
1990	27	C
1982	35	G
1980	37	E
1976	41	H

87. Ans. B

Years	Age	Person
2005	12	D
2000	17	A
1995	22	F
1991	26	B
1990	27	C
1982	35	G
1980	37	E
1976	41	H

88. Ans. A

Years	Age	Person
2005	12	D
2000	17	A
1995	22	F
1991	26	B
1990	27	C
1982	35	G
1980	37	E
1976	41	H

89. Ans. B

Years	Age	Person
2005	12	D
2000	17	A
1995	22	F
1991	26	B
1990	27	C
1982	35	G
1980	37	E
1976	41	H

90. Ans. B

Years	Age	Person
2005	12	D
2000	17	A
1995	22	F
1991	26	B
1990	27	C
1982	35	G
1980	37	E
1976	41	H

91. Ans. B

Date	Person	Laptop	Watch
21 st June	B	Sony	Sonata
22 nd June	D	Lenovo	Casio
23 rd June	F	Dell	Fossil
24 th June	C	Apple	Diesel
25 th June	E	HP	Rolex
26 th June	A	Samsung	Titan
27 th June	G	Asus	Maxima

92. Ans. A

Date	Person	Laptop	Watch
21 st June	B	Sony	Sonata
22 nd June	D	Lenovo	Casio
23 rd June	F	Dell	Fossil
24 th June	C	Apple	Diesel
25 th June	E	HP	Rolex
26 th June	A	Samsung	Titan
27 th June	G	Asus	Maxima

93. Ans. C

Date	Person	Laptop	Watch
21 st June	B	Sony	Sonata
22 nd June	D	Lenovo	Casio
23 rd June	F	Dell	Fossil
24 th June	C	Apple	Diesel
25 th June	E	HP	Rolex
26 th June	A	Samsung	Titan
27 th June	G	Asus	Maxima

94. Ans. D

Date	Person	Laptop	Watch
21 st June	B	Sony	Sonata
22 nd June	D	Lenovo	Casio
23 rd June	F	Dell	Fossil
24 th June	C	Apple	Diesel
25 th June	E	HP	Rolex
26 th June	A	Samsung	Titan
27 th June	G	Asus	Maxima

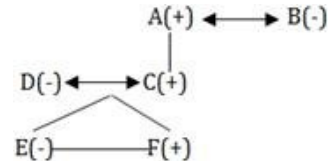
95. Ans. E

Date	Person	Laptop	Watch
21 st June	B	Sony	Sonata
22 nd June	D	Lenovo	Casio
23 rd June	F	Dell	Fossil
24 th June	C	Apple	Diesel
25 th June	E	HP	Rolex
26 th June	A	Samsung	Titan
27 th June	G	Asus	Maxima

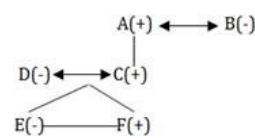
96. Ans. E

Date	Person	Laptop	Watch
21 st June	B	Sony	Sonata
22 nd June	D	Lenovo	Casio
23 rd June	F	Dell	Fossil
24 th June	C	Apple	Diesel
25 th June	E	HP	Rolex
26 th June	A	Samsung	Titan
27 th June	G	Asus	Maxima

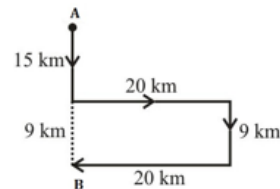
97. Ans. C



98. Ans. A



99. Ans. A



100. Ans. C

