

BANK SOLUTION (FLT-1)

1. Let the ratio of money with two persons = $19x : 16x$

$$16x = 19x - 90$$

So, $x = 30$

Sum $= 19x + 16x = 35x = 35 \times 30$
 $= \text{Rs. } 1050$. Hence, option (b).

2. Sum of their actual ages = 54

$$\begin{aligned} x + y &= 54 \\ \frac{(x+1)}{(y+5)} &= \frac{17}{13} \end{aligned}$$

$$13x + 13 = 17y + 85$$

$$x + y = 54$$

Solving, we get $x = 33$

and $y = 21$

Required ratio $= 33 : 21 = 11 : 7$. Hence, option (c).

3. $A + B + C = 900$

$$C = \frac{(A+B)}{2}$$

$$B = \frac{5A}{3}$$

$$C = \frac{4A}{3}$$

$$A + \frac{5A}{3} + \frac{4A}{3} = 750$$

$$4A = 900$$

$$A = 225$$
. Hence, option (a)

4. Let their ages be $2x$ and $3x$ respectively.

According to the question,

$$3x - 2x = 6$$

Therefore, $x = 6$

Sumi's age $= 12$ yrs and Pari's age $= 18$ yrs.

After 6 yrs, Sumi's age $= 18$ yrs and Pari's age $= 24$ yrs

Therefore, Ratio of their ages after 6 yrs $= 18 : 24 = 3 : 4$

Hence, option (c)

5. The ratio of fees collected from IIT : IIM aspirants

$$= 5x \times 20y : 6x \times 15y$$

$$= 100xy : 90xy \text{ i. e., } 10xy : 9xy$$

Therefore, the amount collected from IIM aspirants

$$= \frac{9}{19} \times 3.8 \text{ lakh}$$

$$= \text{Rs. } 180000$$
. Hence, option (b)

6. Rehan : Gopi = 7 : 17 = 49 : 119

Gopi : Krishen = 7 : 17 = 119 : 289

Therefore, Rehan : Gopi : Krishen = 49 : 119 : 289

Or, Rehan : Krishen = 49 : 289

Thus, $49 : 289 = 49 : x$

Or, $x = \frac{(489 \times 490)}{49}$

Therefore, $x = \text{Rs. } 2890$. Hence, option (b)

7. Let the income of the persons be Rs. $4x$ and Rs. $5x$ respectively.

- Let the expenses of the persons be Rs. $7y$ and Rs. $9y$ respectively.

Therefore,

$$4x - 7y = 50$$

$$5x - 9y = 50$$

So, $x = 2y$

$$y = \text{Rs. } 50 \text{ and } x = \text{Rs. } 100$$

So monthly incomes = Rs. 400 and Rs. 500.

Hence, option (d)

8. $70 = \frac{(2x + 3x + 5x)}{3}$

$$x = 21$$

$$\text{B's age} = 63$$

$$\text{C's age} = 105$$

Required difference $= 95 - 53 = 42$

Hence, option (c)

9. Let the age of A = $7x$ and age of B = $5x$

After 6 yrs, age of A = $(7x + 6)$ yrs and B = $(5x + 6)$ yrs

According to the question,

$$\frac{(7x + 6)}{(5x + 6)} = \frac{4}{3} \text{ or, } x = 6$$

$$\text{Age of A} = 42 \text{ yrs}$$

$$\text{Age of B} = 30 \text{ yrs}$$

$$\text{sum} = (42 + 30) = 72 \text{ yrs}$$

Hence, option (a).

10. Savings of X = 25% of 6000 = Rs. 1500

Savings of Y = 40% of 8000 = Rs. 3200

Therefore, Required ratio = 15 : 32.

Hence, option (b).

11. Let the age of Sagar and Praneeti be $2x$ and $3x$ respectively.

According to the question, $3x - 2x = 7$

Therefore, $x = 7$

Sagar's age = 14 yrs and Praneeti's age = 21 yrs

After 10 yrs, Sagar's age = 24 yrs and Praneeti's age = 31 yrs

Therefore, Ratio of their ages after 10 yrs = 24 : 31. Hence, option (c)

12. Total students = 100 total boys = 60 total girls = 40

Total no. of students passed = 70; failed = 30

No. of girls who passed = $\frac{5}{8} \times 40 = 25$; failed = 15

No. of boys who passed = 70 - 25 = 45

No. of boys who failed = 15

Ratio = 45 : 15 = 3 : 1. Hence, option (d).

13. Monthly expenditure of A = $8400 \times \frac{5}{12} = \text{Rs. } 3500$

Monthly expenditure of B = $8400 \times \frac{7}{12} = \text{Rs. } 4900$

Let the monthly salaries of A and B $8x$ and $9x$ respectively.

$$\text{Now, } \frac{(8x - 3500)}{(9x - 4900)} = \frac{9}{7}$$

$$x = \text{Rs. } 784$$

$$\text{Monthly salary of } B = 9 \times 784 = \text{Rs. } 7056$$

$$\text{Yearly salary of } B = 7056 \times 12 = \text{Rs. } 84672$$

Hence, option (a).

14. Weight of an apple = 200 gm.

Weight of an orange = 160.

Ratio by weight = 20 : 16 : 3.

Ratio by number = 5 : 1 : 6

Therefore, the combined ratio = 100 : 16 : 18 = 50 : 8 : 9

Hence, option (e)

15. Let number of male and female participants at the start of competition be $2x$ and $1x$ respectively.

$$\text{then, } \frac{(2x - 10)}{(x + 4)} = \frac{3}{2}$$

$$4x - 20 = 3x + 12$$

$$x = 32$$

Hence, total number of participants at the start

$$= 2x + x = 3 \times 32 = 96$$

Hence, option (b).

16. Weight of a Chemistry book = 50 gm

Weight of a Biology book = 75 gm

Weight of Physics book = $x75 = 100$ gm

Let the number of Physics, Chemistry and Biology books in the library be $4x$, $6x$ and $7x$ respectively.

Then,

$$\text{Weight of all Physics books} = 4x * 100 \text{ gm} = 400x \text{ gm}$$

$$\text{Weight of all Chemistry books} = 6x * 50 \text{ gm} = 300x \text{ gm}$$

$$\text{Weight of all Biology books} = 7x * 75 \text{ gm} = 525x \text{ gm}$$

$$\text{Required ratio} = 400 : 300 : 525$$

$$= 16 : 12 : 21. \text{ Hence, option (e)}$$

17. Let the present ages of son and daughter be $5x$ and $6x$ yrs respectively.

The age of the lady = $5x + 6x = 11x$

$$\frac{(5x + 5)}{(6x - 8)} = 5 : 4$$

Hence, $x = 6$

Present age of lady = 66 yrs

Age of her son after 3 yrs = $5x + 3 = 33$ yrs

Required ratio = 66 : 33 = 2 : 1 Hence, option (c).

18. Literate male population = $\left(64 \times \frac{5}{8}\right) = 40\%$

Literate female population = 24%

Now, illiterate population = $(100 - 64)\% = 36\%$

$$\text{Illiterate males} = \left(36 \times \frac{4}{9}\right) = 16\%$$

Illiterate females = 20%

$$\text{Required percentage} \left(\left(\frac{16}{24} \right) \times 100 \right) = 66.67\%$$

Hence, option (e).

19. Let P received $6x$ and R received $7x$ sweets.

$$\text{Then, } Q = 6x + 26 \quad \dots(i)$$

$$S = 7x + 32$$

According to the questions,

Q received 18 more sweets than R

$$Q = 7x + 18 \quad \dots(ii)$$

From (i) and (ii) we get,

$$7x + 18 = 6x + 26$$

$$\text{or, } x = 8$$

Then, Number of sweets received by $S = 7 * 8 + 32 = 88$

Hence, option (d).

20. Let the present age of Sita be $5x$ yrs and that of Geeta be $7x$ yrs.

Now, 6 yrs ago,

$$3(5x - 6) : 3(7x - 6) = 2 : 3$$

$$\text{or, } 15x - 18 = 14x - 12$$

$$\text{or, } x = 6$$

Sita's age after 6 yrs = 36 yrs

Geeta's age after 6 years = 48 yrs

$$\text{Ratio} = 36 : 48 = 3 : 4$$

Hence, option (d).

21. Let the present ages of Rahul and Deepa be $5x$ and $6x$.

The age of lady = $11x$

$$\text{Now, } \frac{5x + 3}{6x - 6} = \frac{3}{2}; \quad x = 3$$

Rahul's age = 15 yrs

Deepa's age = 18 yrs

Age of lady = 33 yrs

$$\text{Required ratio} = \frac{33}{18 + 4} = \frac{33}{22} = 3 : 2 \text{ Hence, option (d)}$$

22. Ratio of number of men, women and children

$$= \frac{18}{6} : \frac{10}{5} : \frac{12}{3} = 3 : 2 : 4$$

We can write,

$$3x + 2x + 4x = 18$$

$$9x = 18$$

$$x = 2$$

Number of women = 4

$$\text{Share of all women} = \left(\frac{10}{40} * 8000 \right) = \text{Rs. } 2000$$

$$\text{Share of each women} = \frac{2000}{4} = \text{Rs. } 500$$

Hence, option (a)

23. The ratio of banana and orange = 6 : 7

weight of orange = 140 gram

we can write, $(7/13 * \text{total weight}) = 140$

total weight = 260 gram

weight of banana = $260 - 140 = 120$ gram

Ratio of weight of bananas : oranges : mangoes

$$= (4 * 120) : (3 * 140) : (5 * 36)$$

$$= 480 : 420 : 180$$

$$= 8 : 7 : 3$$

Hence, option (c)

24. $A = 6R$ and $N = R + 27$

According to question, $5(R + 27 - 5) - 4(6R - 5) = 35$

$$19R = 95$$

$$R = 5$$

Thus, $A = 30$ and $N = 32$

Required Ratio = $42 : 48 = 7 : 8$

Hence, option (b)

25. Let x be the number of boys/girls who join the group.

$$\text{Thus, } \frac{(10+x)}{(16+x)} = \frac{4}{5}$$

$$x = 14$$

Thus new number is 24 boys and 30 girls.

$$\text{Now, } \frac{(24-y)}{(30-y)} = \frac{2}{3}$$

$$\Rightarrow y = 12$$

Thus, new number is 12 boys and 18 girls.

Thus total strength = $12 + 18 = 30$

Hence, option (b).

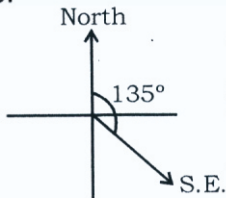
26. (c) Left $\Rightarrow 90 + 180 + 45^\circ = 315^\circ$

Right = $135^\circ + 45^\circ = 180^\circ$

Left $315^\circ - \text{Right } 180^\circ$

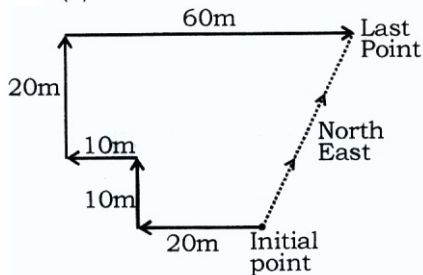
Left = 135°

We will rotate 135° Anticlockwise.

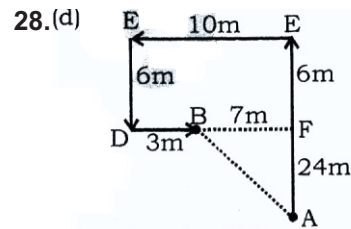


Ans. North

27. (b)



I was in the **North - East** from Initial point



In triangle ABF

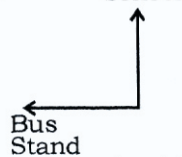
$$AB = \sqrt{(AF)^2 + (FB)^2}$$

$$\sqrt{(24)^2 + (7)^2}$$

$$\sqrt{576 + 49}$$

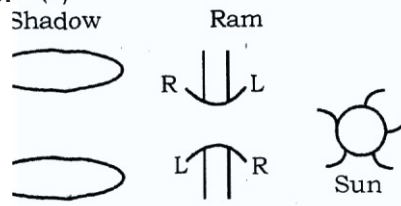
$$\sqrt{625} = 25\text{m (N.W)}$$

29. (c) School



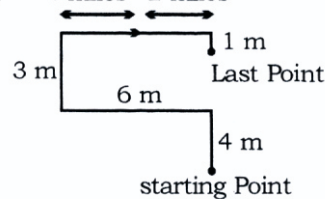
From bus stand bus turns two times right and one time left. Hence we can cancel A right turn to a left turn. So Bus Face in **west** on Bus stand.

30. (c)



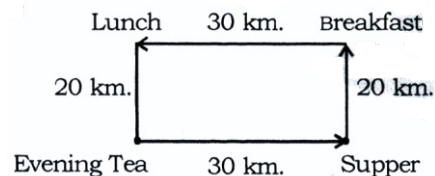
Shadow is falling in the left of Shyam. Hence Shyam's face was in **North**

31. (b) 4 miles 2 miles



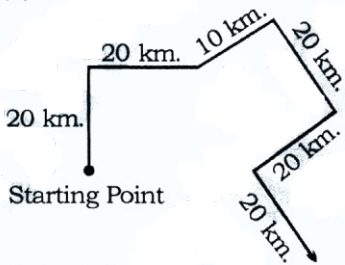
Man facing to the **south** direction

32. (b)



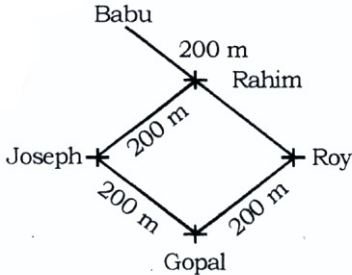
He is driving to the **east** after evening tea.

33. (a)



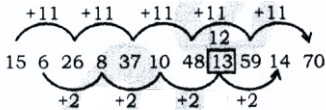
He is facing **South-East**

34. (a)



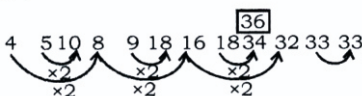
Roy's House is in **South-East** direction in Relation to Babu's House.

43. (a)



In the above series, 10 will be followed by 12. Therefore, the number 13, is wrong. /उपरोक्त श्रृंखला में, 12 के बाद 10 होगा। इसलिए, संख्या 13, गलत है।

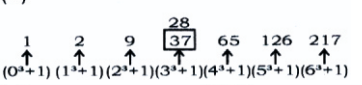
44. (c)



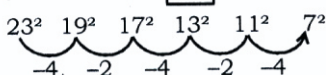
In the above series, 18 will be followed by 36. Therefore, 34 is wrong. /उपरोक्त श्रृंखला में, 18 का अनुसरण 36 के बाद किया जाएगा। उपरोक्त, 34 गलत है।

45. (d) Each number is the sum of two consecutive square numbers, same as $1^2 + 2^2 = 5$, $3^2 + 4^2 = 25$, $5^2 + 6^2 = 61$ etc, and $11^2 + 12^2 = 265$ But the answer given is 266. /त्येक संख्या दो लगातार वर्ग संख्याओं का योग है, जैसे $1^2 + 2^2 = 5$, $3^2 + 4^2 = 25$, $5^2 + 6^2 = 61$ आदि, और $11^2 + 12^2 = 265$ लेकिन दिया गया उत्तर 266 है।

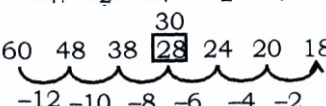
46. (c)



47. (c) 529 361 289 171 121 49

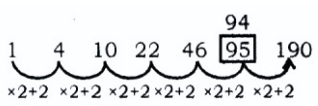


48. (d)



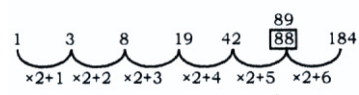
Therefore, 30 should be in place of 28. /इसलिए, 28 के स्थान पर 30 होना चाहिए।

49. (c)



Therefore, 94 should be in place of 95. /इसलिए 94 पद के स्थान पर 95 पद होना चाहिए।

50. (e)



Therefore, 89 should be in place of 88. /इसलिए 89 पद के स्थान पर 88 पद होना चाहिए।

Directions (Q 76-85):

- 76. Correct Answer is: c)
It is clearly mentioned in the passage that the firm adopts the stability strategy when it wants to maintain its current position.
- 77. Correct Answer is: c)
According to the passage, corporate strategy does not help in determining the dividend policy as it is not mentioned in the passage.
- 78. Correct Answer is: e)
It is clearly mentioned in the passage, that in order to correct the wrong decision the firm adopts the turnaround strategy.
- 79. Correct Answer is: e)
It is clearly mentioned in the passage, that if the company wants to reduce its expenses it adopts the retrenchment strategy.
- 80. Correct Answer is: d)
It is clearly mentioned in the passage that corporate strategies are confined to very large organizations.
- 81. Correct Answer is: b)
It is clearly mentioned in the passage that in vision statement, company describes about its target market.
- 82. Correct Answer is: c)
The meaning of "mitigate" is "lessen / assuage".
- 83. Correct Answer is: d)
The meaning of "forgo" is "miss/ omit / relinquish".
- 84. Correct Answer is: c)
The meaning of "retreating" is "withdrawing" and its opposite is "advancing / progressing".
- 85. Correct Answer is: d)
The meaning of "stable" is "constant / even" and its opposite is "unhinged / disturbed / uneven".

- 86) Answer: (d)
Explanation:
The sentences after matching are as follows: A-E → Public transport can function at 100% seating capacity with fully-vaccinated persons and maskless persons will be fined 1,000. B-F → A propeller cut through the cabin of a charter plane after a bird hit the engine during landing in the Limpopo province of South Africa. C and D could be connected but the sentences even after joining look incomplete. So, the best option is (d).
- 87) Answer: (b)
Explanation:
The sentences after matching are as follows: A-D → The video, captured on CCTV, showed him using a stick to beat the dog and then throwing a heavy stone on its head.
B-E → Preliminary probe revealed the child's father had strangled her to death after sexually abusing her and her mother had helped him in the crime.
C-F → The British Armed Forces have deployed around 200 personnel to support hospitals across London amid growing staff shortages due to COVID-19.
Hence, option (b) is the correct answer.
- 88) Answer: (a)
Explanation:
The sentences after matching are as follows:
A-F → Prices for all categories in the food price index except dairy products fell slightly in December but continued to increase during the other months.
B-D → All international arrivals in India will have to undergo 7-day mandatory home quarantine and also undertake RT-PCR COVID-19 test on the eighth day of arrival in India C and E match but grammatically the sentence will be incorrect as in E, '...to shoot protestors...' should be used and not 'for'
Therefore, combinations in option (a) are correct.
- 89) Answer: (b)
Explanation:
The sentences after matching are as follows:
A-E → Justice Ayesha Malik, 55, has been appointed as the first woman judge of Pakistan's Supreme Court, nearly 75 years after the country's independence.
B-D → South Africa beat India by seven wickets in the second Test. Pujara and Rahane scored 53 and 58 respectively in Johannesburg.
C-F → The price of the world's largest cryptocurrency Bitcoin fell as much as 5% on Friday to its lowest level since late September.
The above combinations can be found in option (b).
- 90) Answer: (e)
The sentences after matching are as follows: A-F → The Gujarat government announced that it has postponed the 10th edition of the Vibrant Gujarat Global Investors Summit (VGGIS) due to rise in COVID-19 cases in the state.
B-D → Google infringed on five audio technology patents relating to smart speakers held by speaker manufacturer Sonos, the US International Trade Commission (USITC) has ruled.
C-E → Our partnership with MEA over the last decade has become a benchmark in a public-private partnership for citizen services.
- 91) Answer: (a)
The sentences after matching are as follows: A-E → The man was swimming with his friends in the popular Blue Lagoon pool, located near the double-decker root bridge in Nongriat, when the incident took place
B-F → The case has been registered on complaint from Central Bank of India that PDL and its promoters and directors cheated a consortium of banks led by SBI.
C and D cannot match as they are from different topics.
Therefore, the best answer is option (a).
- 92) Answer: (b)
Explanation:
The sentences after matching are as follows:
A-D → The Cabinet Committee on Economic Affairs on Thursday approved the second phase of the green energy corridor scheme which is estimated to cost 12,031 crore.
C-E → Departments/ Head of offices may decide the manner of selection of employees who will attend office," the official order states.
B and F will feel disconnected even after matching and hence they can't be one of the correct pairs.
Hence, the correct answer is option (b).
- 93) Answer: (d)
Explanation:
The sentences after matching are as follows: A-E → North Korea blamed "hostile forces" and COVID-19 for not being able to attend the upcoming Winter Olympics in Beijing and accused the US and its allies of trying to prevent the Games' success.
C-D → Assam's 20-year-old Neeraj Bishnoi, the main conspirator and creator behind the 'Bulli Bai' app, has been suspended by the Vellore Institute of Technology, Bhopal with immediate effect until further notice.
B and F do not match as they do not form a meaningful sentence together so this combination can be eliminated.
Therefore, (d) is the correct answer option.
- 94) Answer: (a)
The sentences after matching are as follows:
A-E → Biden accused his predecessor Donald Trump of posing a continuing threat to American democracy.
B-D → Those who have taken booster jabs two weeks prior will not need to show a negative coronavirus test result to attend events from January 10.
C-F → The fish were tasked to "drive" the vehicle towards a visual target, which was observable through the walls of the tank, regardless of their starting point.
The best option therefore is (a).
- 95) Answer: (e)
The sentences after matching are as follows:
A-D → The start-up revolution is transforming India from a nation of job seekers to job givers.
B-E → The Srinagar-Leh highway has been closed for traffic movement due to spells of snowfall and extreme weather in the region C and F are parts of the same sentence but they need a grammatical improvement in C where 'by' should be replaced by 'with'.
Therefore, option (e) is the correct answer.
- 96) Answer: (b)
Explanation:
The sentences after matching are as follows: A-F → While the hardship faced by the residents of Bandhapari is particularly unfortunate, the frustration they feel over being denied what has become a basic necessity to live and work in the 21st century would be familiar to many.
B-D → As Omicron cases continue to surge and education institutions have been shut once again, the student evoked Sir Issac Newton to explain how pandemic has been affecting academics.
C and E do not match and hence can be eliminated.
Therefore, the correct answer option is (b).
- 97) Answer: (c)
Explanation:
The sentences after matching are as follows: A-F → Across the world, when you look at the architectural value, there are certain geometric shapes, influences that we bring from our design philosophy.
B-D → For us, hence, being surrounded by the history of India, with the iconic Qutub Minar and the fleeting modernity that goes with the history that this space lends itself to, it was a natural choice.
C-E → This is unlike fast fashion, where you are basically doing six collections in a year. I think by default, couturiers across the world and most of who are in India, we've always been sustainable from that aspect.
- 98) Answer: (d)

Explanation:

Only two pairs of sentences match appropriately. The complete sentences have been given below:

B-F → In the best institution/RWA/ religious organisations for campus category, Mata Vaishno Devi Shrine Board bagged the first prize, while IIT Gandhinagar and Indian Oil Corporation Limited, Faridabad, received the second and third prizes, respectively.

C-D → According to IMD, fairly widespread to moderate rainfall is expected over Punjab, Haryana, Chandigarh, Delhi, north Rajasthan and Uttar Pradesh during January 7-January 9 and decrease significantly thereafter.

Sentences A and D do not synchronise and hence can be eliminated.

Therefore, option (d) is correct.

99. Answer: (c)

The given sentences can be connected as:

A-E → The total fertility rate has also dropped from 2.2 per cent to a replacement rate of 2 per cent, albeit with not much change in the huge fertility divide between the high and low fertility states.

B-D → But, clearly, policies and programmes for the girl child and women's empowerment have produced positive results, and a direct correlation between higher female literacy, the improvement in the sex ratio, and the decrease in the total fertility rate can easily be drawn.

C-F → It is a clear sign of the desperation of the Congress and the level of its animosity against the elected Prime Minister of the country.

The correct option hence as given is (c).

100. Answer: (b)

The best combinations of the given sentences are in option (b).

A-F → Moving to the main course, we had the Exotic mushroom gassi, ajwaini lacha paratha which was spectacular. The balance of flavor and the mushrooms cooked to perfection ensured that we wiped the bowl clean. The Prawn Alleppey curry, steam rice was equally flavoursome.

C-E → The adoption of technology has been a game-changer in the delivery of healthcare services and the industry has been working tirelessly to implement digital health to ease the burden, increase efficiency and maximize capacity.

B-D → PDAs have been advised to continue to maintain Covid-19 appropriate behaviour while obtaining Life Certificates and to ensure proper arrangements and social distancing measures at the bank branches to prevent overcrowding.

The correct sentences after joining have been given above.

Answer

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