

1. d

The passage warns us about a possible conflict over natural resources if they are not distributed and utilized appropriately. Option A. is stating the opposite of what is in the passage. Option B. does not talk about "natural resource" exploitation nor does it talk about the need for global partnerships. Option C. is too generic with "resources". Option D. is a valid implication as it talks about conflict arising due to scarcity and usability of natural resources.

Hence, the correct answer is option d

2. a

The passage talks about the efforts of the Indian government to build toilets in the country to tackle the issue of open defecation but it is being taken advantage of by the corrupt bureaucrats. Option B. is wrong because the fault lies not with the policies but the poor implementation of the policies. Options C. and D. are wrong because the passage makes no reference to economic progress or diseases. Option A. is correct as it talks about corruption among administrators (bureaucrats) which is contributing to the problem of open defecation.

Hence, the correct answer is option a.

3. b

The passage talks about atrocities on writers, media and journalism by autocratic leaders, due to the might of the pen. Thus, option B. is the most logical inference. Options A. and D. deviate from the context of the passage.

Option C. is contrary to what is stated in the passage.

Hence, the correct answer is option B.

4. c

Statement 1 is incorrect as women being offered exploitative jobs is one of the factors of lower women participation in India's labour force. Moreover, as per passage, not all women are offered exploitative jobs. Statement 2 with "expected" is correct as the passage says that despite declining fertility, the Indian women's labour-force participation is among the lowest in the world.

Statement 3 is correct as the passage says that working women tend to have greater bargaining power in their households.

Hence, the correct answer is option c.

5. b

The passage mainly talks about social norms preventing women from working outside their homes. Lack of opportunities has not been stated as a reason behind low women's participation in labour-force. Also, the concluding line of the passage states that

genderinequality existing in Indian society has led to these social norms which in turn affect the economic growth of India.

Hence, the correct answer is option b.

6. c

Let number of English books Ritu read in 2017 is 'x'. So, number of Hindi books she read in 2017 will be 2x. Therefore, total books read by her in two years are 21+3x.

A/Q,

$$60/100 * (21+3x) = 2x + 9,$$

$$\Rightarrow 126 + 18x = 20x + 90$$

$$\Rightarrow 36 = 2x \text{ which gives } x = 18.$$

So, in 2017 she read 3x which is equal to 54books.

7. c

Let his original speed be 'x' kmph .

$$\text{Total time taken} = (20/x) + (20/(3/4x)) + (20/(3/8x)) = (20/x) + (80/3x) + (160/3x) = 100/x \text{ hrs.}$$

Total time he would have taken if he had travelled complete distance at the original speed = 60/x hrs.

$$\text{A/Q, } 100/x - 60/x = \frac{1}{2} \text{ hr}$$

$$\Rightarrow 40/x = \frac{1}{2} \text{ hr}$$

$$\Rightarrow x = 80 \text{ kmph}$$

8. c

9. d

Let us assume that the capacity of the bucket that Amar, Akbar, Anthony, Karan and Arjun have to carry is 50l, 40l, 30l, 20l and 10l respectively. If suppose 5 l of water got splashed out from each bucket, then the percentage loss of water for the brothers is 10%, 12.5%, 16.67%, 25% and 50% respectively. Thus, Arjun lost maximum amount of water as a percentage of the bucket capacity.

Hence option D. is the correct answer

10. d

We know that 3/5 th can be written as 60% or similarly, 1/4 th could be written as 25% for any real number.

Number of students studying Sanskrit = 60%

Number of students studying Ved = 25% of remaining 40% which is nothing but 10% of total So, number of students studying Hindi is remaining 30%.

11. a

12. b

13. a

14. b

15. b

Let's denote paratha, curd and butter by x, y and z respectively, then

$$10x + 4y + z = 80 \text{ ..... (i)}$$

$$7x + 3y + z = 60 \text{ ..... (ii)}$$

Now, subtracting equation (ii) from equation (i), we get

$$3x + y = 20 \dots\dots (iii)$$

By multiplying equation (i) by 7 and equation (ii) by 10, we get

$$70x + 28y + 7z = 560 \dots\dots (iv)$$

$$70x + 30y + 10z = 600 \dots\dots (v)$$

Now, subtracting equation (iv) from equation (v), we get

$$2y + 3z = 40 \dots\dots (vi)$$

Now, adding equation (iii) and equation (vi), we get

$$3(x + y + z) = 60$$

$$5x + 5y + 5z = 100$$

Hence, option B. is the correct answer

16. c

Refer to the venn-diagram below to get the picture of app failed in each stage only:

Thus, from the above diagram it is clear that the app failed only in a single stage

$$= 18 + 6 + 2 \text{ times} = 26 \text{ times}$$

Hence, option C. is the correct answer.

17 .a

Option 'a' is the correct answer because as mentioned in the passage painter knows what to paint, sculptor know what shape he wants to make but how many teachers know clearly what to teach for man making. So, the system should be able to make good man in all aspects.

18. d

Option 'd' is correct answer because as mentioned 'The aim of education is to manifest in our lives into perfection, which is the very nature of our inner self. This perfection is the realization of the infinite power which resides in everything and everywhere as in consciousness and bliss ( Satchidananda )

19. c

Here, we have to subtract 'x' from each given number and find HCF.

Arrange 76, 132 and 160 in an increasing order or a decreasing order and find differences between adjacent numbers i.e.

$$132 - 76 = 56$$

$$160 - 132 = 28$$

HCF of 56 and 28 is 28. So when 28 divides the given numbers, there remain a remainder of 20 in each case.

20. d

Option A and B are absolutist statements. The author recognizes both the pitfalls and the benefits of technology. Option C is correct in its intent; however, the author never explicitly talks about AI and unemployment. Option d

21. b

22. a

$$A : B = 5 : 3 \text{ and } B : C = 5 : 8.$$

Since B is common entity in the above ratios, we have to take LCM of values of B.

LCM of 3 and 5 is 15.

Therefore,  $A : B = 25 : 15$  and  $B : C = 15 : 24$ .

Thus,  $A : B : C = 25 : 15 : 24$ .

Hence, A is the most efficient

23. c

Option a is wrong as it says that veganism is the only way to prevent animal cruelty. The statement in option b is correct but is away from the central theme of the passage. Statement D is extrapolatory. The summary is best described through statement c

24. c

Let 'x' be the number.

40% of the number is  $0.4x$

As per the given condition,

$$0.4x + 42 = x$$

$$x - 0.4x = 42$$

$$0.6x = 42$$

$$x = 70.$$

25. c

26. d

Let the marks obtained by him in QA, VA and LR be n, y and z respectively. Then,

Solving equation (i) and (ii), we get  $y = 50$  and  $z = 90$ .

Thus, required difference =  $70 - 50 = 20$  marks

Hence, option D. is the correct answer

27.a

The line which helps us to find the answer is 'As I write, highly civilized human beings are flying overhead, trying to kill me.' Remember, these people are flying planes over this person and this indirectly refers to the advance of civilization

28. c

As understood by the passage, the job is assigned to them and they have to do it.

29. d

30.b

31. c

$$20D = 15D + 375$$

$$5D = 375$$

$$D = 75 \text{ km}$$

32. a

33. d

34. b

35. c

The line refers to: "The economic downturn, with growth having almost halved from the peak, has exposed the fault lines in the system. The parlous financial position of the government has left banks

capital starved – the allocation for this year is tiny compared with the amount needed to meet Basel III standards.

36. b

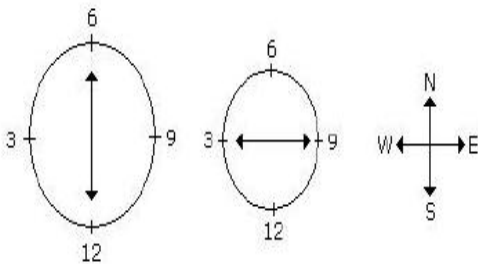
The line refers to: “To be sure, state run bank consolidation has been discussed for nearly a decade, but little progress has been made, except for shotgun weddings that were aimed at rescuing ventures in poor shape.”

37. c

Explanation: The line refers to: “The parlous financial position of the government has left banks capital starved – the allocation for this year is tiny compared with the amount needed to meet Basel III standards. And, to access capital from the market, the state run banks need a strategy to turn more profitable.”

38. a

39. d



At 9.15 P.M., the minute hand will point towards west

40. d

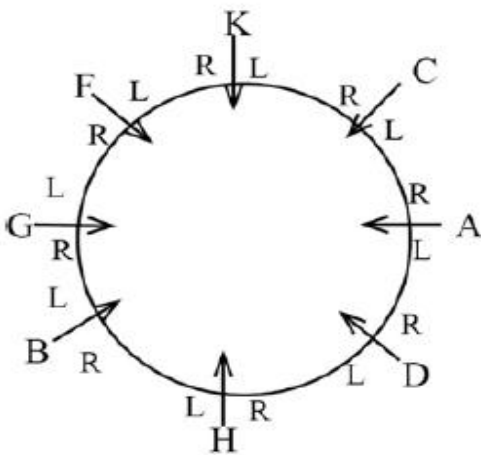
L.C.M. of 252, 308 and 198 = 2772. So, A, B and C will again meet at the starting point in 2772 sec. i.e., 46 min.

12 sec

41. c

Total weight increased =  $(8 \times 2.5) \text{ kg} = 20 \text{ kg}$ .

Weight of new person =  $(65 + 20) \text{ kg} = 85 \text{ kg}$ .



42. a

43. d

44. c

45. c

46. c

B will follow A in the next season.

Maximum three types of flowers can be grown in a season

A cannot be grown in winter season as well as with E or F.

C and D are always together

47. a

Spring	Summer	Winter
G, A	E, B	C, D

From above it is clear that F could be grown in summer

48. d

From (b), A cannot be grown in winter. Hence option (a) is eliminated.

From (c), C and D come together Hence option (b) is also eliminated.

From (a) More than three flowers are not possible in a season.

Hence, option (c) is also eliminated.

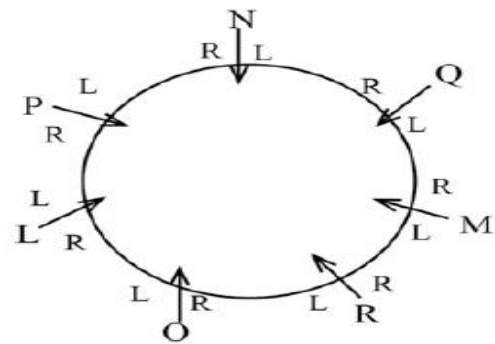
Therefore, option (d) is the correct answer.

49. d

Spring	Summer	Winter
E, F	A, C, D	G, B

50. c

51. d



52. d

P sits by the side of N. Correct option is (d).

53. c

There are 3 people in the anti-clock wise direction between L and Q. Correct option is (c).

54. b

N is to the immediate left of P. Correct option is (b).

55. d

Unlike all other options ROL are in order in clockwise direction. Correct option is (d).

56. a  
The 2nd letter is to the right of the first. Thus LP is not following the rule. Correct option is (a)

Floor	Persons
6	B
5	C
4	F
3	E
2	A
1	D

57.. d

58. a

59. d

60. c

Let the third number be  $x$ .

$$\text{Then, first number} = 120\% \text{ of } x = \frac{120x}{100} = \frac{6x}{5}$$

$$\text{Second number} = 150\% \text{ of } x = \frac{150x}{100} = \frac{3x}{2}$$

$$\therefore \text{Ratio of first two numbers} = \left( \frac{6x}{5} : \frac{3x}{2} \right) = 12x : 15x = 4 : 5.$$

61. b

Let  $x$  be the number of boys and  $y$  be the number of girls.

Given total number of boys and girls = 100

$$x + y = 100 \text{ ----- (i)}$$

Step (ii):

A boy gets Rs. 3.50 and a girl gets Rs. 4.20

The amount given to 100 boys and girls = Rs. 312

$$3.50x + 4.20y = 378 \text{ ----- (ii)}$$

Step (iii):

Solving (i) and (ii)

$$3.50x + 3.50y = 350 \text{ ----- Multiply (i) by 3.60}$$

$$3.50x + 4.20y = 378 \text{ ----- (ii)}$$

$$0.70y = 28$$

$$y = 28 / 0.70$$

$$= 40$$

62. b

63. d

64. d

65. a

66. c

67. c

Refer to the line from paragraph 2...,"Each is torn between a tendency to cooperate, so as to promote the

common interests, and a tendency to compete, so as to enhance his own individual interests" explain that option C is the right answer choice.

68. b

Refer to the line from paragraph 4...,"Chess may be psychologically interesting but only to the extent that it is played not quite rationally" which explain that option B is the right answer choice.

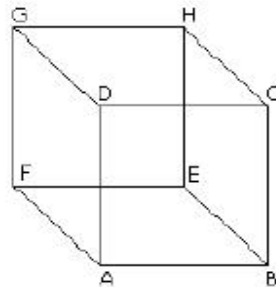
69. b

Refer to the line from paragraph 1...,"Thus the "interests" of the players are generally in conflict. Whether these interests are diametrically opposed or only partially opposed depends on the type of game" which explain that option B is the right answer choice.

70. c

Refer to the line from paragraph 4...,"The effort of solving the problem is in itself not a conflict if the adversary (the unknown criminal) remains passive, like Nature, whose secrets the scientist supposedly unravels by deduction" which explain that option C is the right answer

71. b



ABEF → Red

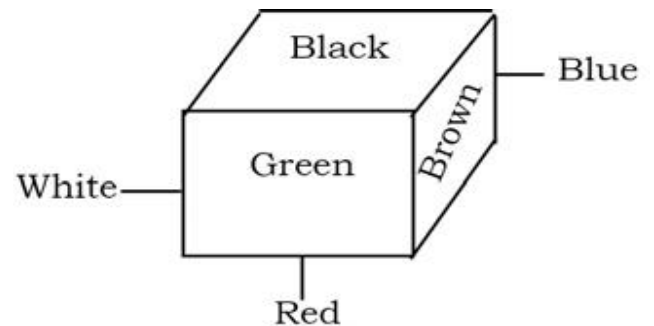
DCHG → Black

ABCD → Green

EFGH → Blue

AFGD → White

BCHE → Brown



72. a

73. a

74. c

The number which combines the triangle and the circle  
is 7 (also it should not include the rectangle)

- 75. c
- 76. d
- 77. d
- 78. c
- 79. c
- 80. d

