

Direction: Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of the questions.

For a global hazard to really get respect these days, it must threaten Armageddon. Climate change, for instance, is the stuff of apocalyptic movies: it is about flooding, fire, and **famine**.

The loss of biodiversity, on the other hand – the **shrinking** spread of species on the planet – ranks further down the scale. This is about dying bumblebees in Poland, or fewer species of fish in the Red Sea, or red squirrels being kicked out by grey ones. It is not the stuff of films **starring** Dennis Quaid as a divorced scientist who was right all along and tends to reach headlines as a worry mostly for the bees and squirrels involved (with perhaps a line or two from experts about the knock-on effects). It does not seem to threaten the rest of us.

That perspective is changing. The first UN study into the natural systems propping up the human diet has found that shrinking biodiversity is affecting the Earth's capacity to produce food. Our food, it says, is now under "severe threat". The report finds that 20% of the Earth's vegetated surface has become less productive, and what is **growing** on it is one notch away from being wiped out. The report mentions the Irish potato famine, and cereal crop failures in the US in the 20th century and asks us to expect more of that in the future.

How have we created this situation? Well, primarily, because of our desperate attempts to produce food in the first place. Forests are being cut down to make space for crop fields, and crop fields are being sprayed with

pesticides and herbicides, which leaches the soil and kills off vital pollinators such as bees, birds and bats. Cutting down trees and big plants increases the risk of flooding. Mostly, though, the problem is that we are **relying** on monocultures – just one variety of potato or of sugar cane – which is a big risk. It means a single outbreak of disease or a climate shift could wipe out large portions of the world's food supply. Two-thirds of the crops the world produces comprises just nine species, **marching** across the globe, as the other 6,000 cultivated plant species wither, along with wild food sources.

Progress is possible – farmers need to diversify and _____ wild species – but it has so far been too slow: just 1% of US farmland is certified organic. This should certainly change.

Source:

<https://www.theguardian.com/commentisfree/2019/feb/22/biodiversity-human-life-un-report-shrinking-species-bumblebees-humanity>

1.

Which of the following can be correctly inferred from the given passage?

I. Loss of biodiversity is a serious issue and must be addressed to sustain food supply.

II. Organic farming is one way to preserve Earth's capacity to produce food.

III. Shrinking bumblebees species has made a bigger headline recently.

A. Only I

B. Only II

C. Only III

D. Both I and II

E. Both I and III

2. According to the passage which of the following have adversely affected the Earth's capacity to produce food?

- I. Deforestation
 - II. Use of crop protection chemicals
 - III. Farm fires to burn windrows
- A. Only I
 - B. Only II
 - C. Only III
 - D. Both I and II
 - E. Both II and III

3. Which of the following statement (s) is/are TRUE with reference to the information provided in the passage?

- I. For any global potential source of danger to be considered, it must be severe enough to destroy the human race.
 - II. Our dependency on monocultures does not contribute to famines.
 - III. More of crop failures and famines are projected for future.
- A. Only I
 - B. Only II
 - C. Only III
 - D. Both I and II
 - E. Both I and III

4. According to the passage, what is imposing 'severe threat' to our food?

- I. Shrinking biodiversity
 - II. Famines and crop failures
 - III. Decreasing soil productivity
- A. Only I
 - B. Only II
 - C. Only III
 - D. Both I and II
 - E. All I, II and III

5. Which of the following is the MOST SIMILAR to the word given in bold as per its usage in the passage?

Relying

- A. Snipping
- B. Pledging
- C. Envisaging
- D. Questioning

E. Counting

6. Which of the following word best fits the given blank in the passage?

"Progress is possible – farmers need to diversify and _____ wild species – but it has so far been too slow: just 1% of US farmland is certified organic."

- A. Kill
- B. Preserve
- C. Consume
- D. Neglect
- E. Abandon

7. Which of the following is the MOST SIMILAR to the word given in bold as per its usage in the passage?

Famine

- A. Abundance
- B. Adequacy
- C. Affluence
- D. Scantiness
- E. Excess

8. Which of the following words used in the passage, is the MOST OPPOSITE to the word given in bold?

Sustaining

- A. Growing
- B. Flooding
- C. Shrinking
- D. Marching
- E. Starring

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence, alternatives to the emboldened part are given as (A), (B), (C) and (D), which may help improve the sentence. Choose the correct alternative out of the given five options. In case the given sentence is correct, your answer will be option (E), i.e., "No correction required".

9.

As the bus **make a turn**, it collided with the van.

- A. making a turn
- B. had made a turn
- C. will be making a turn
- D. made a turn
- E. No correction required

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence, alternatives to the emboldened part are given as (A), (B), (C) and (D), which may help improve the sentence. Choose the correct alternative out of the given five options. In case the given sentence is correct, your answer will be option (E), i.e., "No correction required".

10. Some residents are still **wait for help** days after floodwaters inundated their homes.

- A. be waiting for help
- B. waiting for help
- C. waited for help
- D. waited to help
- E. No correction required

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence, alternatives to the emboldened part are given as (A), (B), (C) and (D), which may help improve the sentence. Choose the correct alternative out of the given five options. In case the given sentence is correct, your answer will be option (E), i.e., "No correction required".

11. He was known **to work hard** and paying attention to the details.

- A. for hardly work
- B. for working hardly
- C. to have worked hard
- D. for working hard
- E. No correction required

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence, alternatives to the emboldened part are given as (A), (B), (C) and (D), which may help improve the sentence. Choose the correct alternative out of the given five options. In case the given sentence is correct, your answer will be option (E), i.e., "No correction required".

12. This is the second time the boat race has been **move off** the Thames.

- A. moved for
- B. moved into
- C. moved off
- D. moved between
- E. No correction required

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence, alternatives to the emboldened part are given as (A), (B), (C) and (D), which may help improve the sentence. Choose the correct alternative out of the given five options. In case the given sentence is correct, your answer will be option (E), i.e., "No correction required".

13.13.

The baker cut the **cake between pieces** before adding a layer of buttercream.

- A. cake into piece
- B. cake between piece
- C. cake into pieces
- D. cake among pieces
- E. No correction required

Direction: In the following question, a sentence with four words printed in bold is given. These words are numbered as (1), (2), (3) and (4). One of these four words may either be misspelt or inappropriate in the context of the sentence. Find out the word(s) that is wrongly spelt or

grammatically and contextually

inappropriate and mark the relevant option as your answer. If all the words printed in bold are correct, mark option (E), i.e. 'All are correct', as the answer.

14.14.

Motor **vehicles** (1) are **prohibited** (2) from driving in the town **centre** (3) to avoid **accidents** (4).

- A. 1
- B. 2
- C. 3
- D. 4
- E. All are correct

15. **Diet** (1) and **exercise** (2) can influence a person's **weight** (3), but **hereditary** (4) is also a factor.

- A. 1
- B. 2
- C. 3
- D. 4
- E. All are correct

16. **Although** (1) she is a **dreadful**

(2) figure skater, the girl actually **enjoys** (3) playing tennis more than the sport she **excels** (4) in.

- A. 1
- B. 2
- C. 3
- D. 4
- E. All are correct

17. The **symptoms** (1) of **depression** (2) can include poor **appetite** (3) and **weight** (4) loss.

- A. 1
- B. 2
- C. 3
- D. 4
- E. All are correct

Direction: In the given statement some words have been highlighted. These words may not be at the correct place making the sentence

A. BAC

incorrect. Choose the option which represents the correct sequence of words, which will make the sentence grammatically and contextually correct. If the sentence is correct as it is, choose E i.e. 'No rearrangement required' as your answer.

18.18.

Though she is **difficult** (A) girl; at **times** (B) she can be extremely **amiable** (C) to deal with.

A. BAC

B. CAB

C. ACB

D. CBA

E. No rearrangement required

19. As one of the crew **made** (A) overboard, rescuers **save** (B) heroic efforts to **fell** (C) him.

A. BAC

B. CAB

C. ACB

D. CBA

E. No rearrangement required

20. With hard **dedication** (A) and **appreciation** (B), he hoped to earn the **work** (C) of his peers.

A. BAC

B. CAB

C. ACB

D. CBA

E. No rearrangement required

21. To **laid** (A) out the **straighten** (B) rug the maid **crimped** (C) several heavy books on the edges.

A. BCA

B. CAB

C. ACB

D. CBA

E. No rearrangement required

22. The stage manager **began** (A) to **direct** (B) the actor where to **stand** (C) on stage.

- B. CAB
- C. ACB
- D. CBA
- E. No rearrangement required

Direction: In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

23.23.

- A) as my car broke down, I
 - B) trek to the grocery
 - C) took me almost an hour to do
 - D) had no choice but to make a
 - E) store on foot, something that
- A. DCBAE
 - B. ABDCE
 - C. ADBEC
 - D. ABDEC
 - E. AEBDC

Direction: In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

24.24.

- A) a major risk on an extremely
 - B) as the audience watched with
 - C) dangerous tumbling stunt on the
 - D) ice, trying to impress the judges
 - E) high regard, the figure skater took
- A. ABEDC
 - B. BEACD
 - C. ADBEC
 - D. BDEAC
 - E. CEBDA

irection: In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

25.25.

- A) and Kindle Fires, are becoming
 - B) they can be carried easily
 - C) increasingly popular because
 - D) from one place to another
 - E) portable devices such as iPads
- A. EBADC
 - B. BEACD
 - C. CDBEA
 - D. BDEAC
 - E. EACBD

Direction: In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement.

26.26.

- A) the rescue workers still managed to
 - B) down after the massive hurricane, but
 - C) a lot of buildings came tumbling
 - D) rubble of broken bricks and broken glass
 - E) pull two injured people out of the
- A. EBADC
 - B. EABCD
 - C. CDBEA
 - D. CBAED
 - E. AECBD

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation, if any.

27.27.

The seat too the (1)/ forefront of the dining (2)/ table was always occupied (3)/ by the head of the family. (4)

- A. 1
- B. 2
- C. 3
- D. 4

E. No error

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation, if any.
28.28.

As a commuter in the (1)/ summertime, Rose made sure she (2)/ drove a car with (3)/ a worked up air conditioner. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

29. Because the candidate had (1)/ years of experience in (2)/ sales, he were quickly (3)/ hired for the position. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

30. The debutante teenager spent (1)/ an enormous amounts of (2)/ money on a dress that she (3)/ planned to wear only one time. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

Direction: What should come in place of the question mark '?' or x in the following questions?

31.31.
45% of $1770 \div 3 = 657 - ?$
A. 411.5
B. 401.5

- C. 372.5
- D. 391.5
- E. 297.5

32. $(245 + 4500 - 3209) \div 3 = ?$
A. 454
B. 496
C. 512
D. 502
E. 524

33. $\frac{2}{5}$ of $\frac{3}{4}$ of 25% of 1800 = ?
A. 128
B. 135
C. 126
D. 154
E. 132

34. $x^3 \div (24 \times 4 \div 8) = 18$
A. 12
B. 4
C. 9
D. 8
E. 6

35. $5^{(3 \div 6 \times 4 + 1)} \times 7 = 22^2 + x$
A. 238
B. 289
C. 391
D. 363
E. 305

36. $x \div (233 - 227 + 2) + 276 = 292$
A. 128
B. 122
C. 116
D. 134
E. 142

37. $489 \div 6 + 22.5 \times 2 - 17.5 = ?$
A. 117
B. 101
C. 109
D. 83
E. 121

$$38. \sqrt{\frac{2}{3} \times 337.5} \times 6 = ?$$

- A. 92
- B. 80
- C. 105
- D. 95
- E. 90

$$39. \sqrt{661 - 405} \times \sqrt{x - 220} = 336$$

- A. 669
- B. 661
- C. 729
- D. 704
- E. 693

$$40. (x \div 5 \div 7) \times 14 + 112 = 420$$

- A. 648
- B. 720
- C. 805
- D. 770
- E. 840

$$41. 1287 - 4552 \div 8 = x\% \text{ of } 1795$$

- A. 45
- B. 40
- C. 55
- D. 60
- E. 65

$$42. 8820 + 1468 \div 4 - 20\% \text{ of } ? = 8227$$

- A. 3900
- B. 5040
- C. 4320
- D. 4800
- E. 4400

$$43. 75\% \text{ of } 2280 \text{ of } \frac{1}{3} = ?$$

- A. 494
- B. 602
- C. 540
- D. 410
- E. 570

44.

$$\sqrt{25\% \text{ of } 784} \times 5 + 440 = x \div 4$$

- A. 2040
- B. 2260
- C. 2180
- D. 1960
- E. None of these

$$45. \left(\frac{2}{7} \times \frac{2}{3} \times 84\right)^6 = ?$$

- A. 216
- B. 256
- C. 284
- D. 292
- E. 324

Direction: In the following question two equations are given in variables X and Y. You have to solve these equations and determine the relation between X and Y.

46.

$$\text{I. } X^2 = 4$$

$$\text{II. } Y^2 - 6y + 8 = 0$$

- A. $X > Y$
- B. $X < Y$
- C. $X \geq Y$
- D. $X \leq Y$
- E. $X = Y$ or No relation can be established

$$47. X^2 + 2x - 15 = 0$$

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

- A. $X > Y$
- B. $X < Y$
- C. $X \geq Y$
- D. $X \leq Y$
- E. $X = Y$ or No relation can be established

$$48. 2X^2 - 3x + 1 = 0$$

$$6y^2 - 5y + 1 = 0$$

- A. $X > Y$
- B. $X < Y$
- C. $X \geq Y$
- D. $X \leq Y$
- E. $X = Y$ or No relation can be established

$$49. 3X^2 - 4x + 1 = 0$$

$$2y^2 - 5y + 3 = 0$$

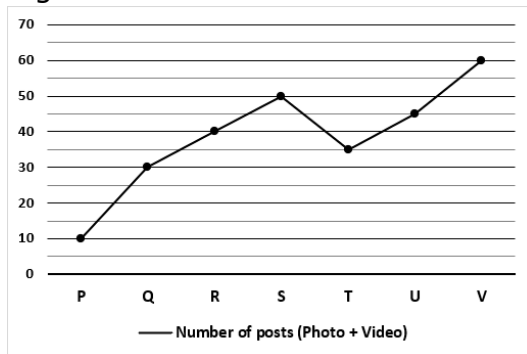
- A. $X > Y$
- B. $X < Y$
- C. $X \geq Y$
- D. $X \leq Y$
- E. $X=Y$ or No relation can be established

$$50.X^2 + 17x + 72 = 0$$

$$Y^2 + 21y + 110 = 0$$

- A. $X > Y$
- B. $X < Y$
- C. $X \geq Y$
- D. $X \leq Y$
- E. $X=Y$ or No relation can be established

Direction: In the given below line chart, total number of posts(photo + video) posted by each person P, Q, R, S, T, U, V on their social media profile is given.



51. Total number of posts by P is how much percent of the total number of posts by Q?

- A. $33\frac{1}{3}\%$
- B. 40%
- C. $50\frac{2}{3}\%$
- D. $37\frac{8}{9}\%$
- E. None of these

52. If the number of photos & video posted by R were in the ratio 3 : 5,

find the number of videos posted by R.

- A. 25
- B. 20
- C. 18
- D. 12
- E. None of these

53. Total number of posts by T is how much percent less than the total number of posts by S?

- A. 45%
- B. 25%
- C. 40%
- D. 30%
- E. None of these

54. If the number of photos & video by U in the ratio 2 : 3, find the sum of the number of videos posted by U & total number of posts by P.

- A. 27
- B. 37
- C. 32
- D. 43
- E. None of these

55. Total number of posts by Q & V together is how much more than the total number of posts by R & T together?

- A. 18
- B. 15
- C. 20
- D. 25
- E. None of these

56. Length of a rectangle is 20% more than its breadth & Perimeter of rectangle is 220 m. find the area of a square, having side equal to the length of rectangle.

- A. 4400 m^2
- B. 3600 m^2
- C. 4800 m^2
- D. 4000 m^2
- E. None of these

57. A invest Rs. 12800 & B invest Rs. 14400 in a partnership. After 5 months B left the business. Find the profit share of B out of total annual profit of Rs. 23500.

- A. Rs. 7500
- B. Rs. 6800
- C. Rs. 9000
- D. Rs. 8400
- E. None of these

58. Marked price of an article is 300% more than the cost price. If after 50% discount, the selling price is Rs. 1200, then the cost price of the article is?

- A. Rs. 450
- B. Rs. 600
- C. Rs. 750
- D. Rs. 800
- E. Rs. 1000

59. Speed of a boat in still water is 18 km/hr. Speed of the boat in Downstream is 6 km/hr more than its speed in upstream. How much distance in Downstream boat will cover in 5 hours 20 min?

- A. 112 km
- B. 108 km
- C. 98 km
- D. 116 km
- E. None of these

60. 2 years hence Age ratio between A & B will be 3 : 4. If 8 years ago, the age ratio of A & B was 2 : 3, find the present age of A

- A. 28 year
- B. 30 year
- C. 38 year
- D. 34 year
- E. None of these

61. The Ratio of the Efficiency of A, B & C is 4 : 6 : 3. Together they can complete a work in 8 days. In how many days A can complete the $\frac{3}{4}$ th of the same work?

- A. $19\frac{1}{2}$ days
- B. $16\frac{2}{3}$ days
- C. $15\frac{1}{2}$ days
- D. $21\frac{3}{4}$ days
- E. None of these

62. A started a business with Rs. X. After 4 Month, B joined with Rs. 2X and A doubled his investment. The total annual profit was Rs. 13950. Find the Share of A

- A. Rs. 7750
- B. Rs. 6200
- C. Rs. 7250
- D. Rs. 6850
- E. None of these

63. Sum of the length of a rectangle & side of a square is 72 m. the perimeter of a rectangle is 84 m & breadth of rectangle is 18 m. Find the side of the square.

- A. 48 m
- B. 42 m
- C. 36 m
- D. 32 m
- E. None of these

64. Train A with speed 36 km/hr crosses Train B in opposite direction in 20 secs. Sum of the length of Train A & B is 600 m. What is the speed of Train B?

- A. 60 km/hr
- B. 72 km/hr
- C. 84 km/hr
- D. 56 km/hr
- E. None of the above/More than one of the above

65. A & B invested sum in ratio 2 : 3 at 20% & 10% Compound interest respectively. If after 2 years total interest was Rs. 1510. What was A's sum?

- A. Rs. 1500
- B. Rs. 2000
- C. Rs. 2250
- D. Rs.1850
- E. None of these

Direction: Study the following information carefully and answer the given questions.

Eight people i.e. A, B, C, D, E, F, G and H were born on two different dates i.e. 5th and 23rd of April, May, June, and July of the same year but not necessarily in the same order.

B was born in a month having 31 days but not in July. Three people were born between B and D. Number of people were born before D is same as number of people born after E. Three people were born between E and A. G was born in a month having 31 days. H was born in a month having 30 days immediate after C

66.

How many people were born before C?

- A. One
- B. Two
- C. None
- D. Four
- E. Three

67. Who amongst the following were born just after D?

- A. B
- B. G
- C. A
- D. E
- E. None of these

68. Who amongst the following was born on 5th June?

- A. H
- B. C
- C. B
- D. A
- E. None of these

69. Four of the following five are alike in a certain way and hence form a group. Which of the following does not belong to that group?

- A. G
- B. A
- C. E
- D. C
- E. B

70. How many people were born after C?

- A. Three
- B. Four
- C. One
- D. None
- E. Two

71. How many such pairs of number are there in the 3861574 each of which has as many numbers between them in both forward and backward directions?

- A. Two
- B. One
- C. Three
- D. More than three
- E. None

Direction: Study the following information carefully and answer the given questions.

Seven people i.e. A, B, C, D, E, F, and G were born in seven different years i.e. 1961, 1965, 1973, 1980, 1987, 2002, and 2006 not necessarily in the same order. All the ages of the given persons have been calculated on the base year 2020. The difference between the age of A and C is 7 years. A is elder than C. Two people were born between A and E who is not the youngest. D's age is a prime number. D was born before C. Three people were born between D and G. B's age

is an even number and was born before G.

72. 72.

How many people were born before E?

- A. One
- B. Three
- C. None
- D. Two
- E. More than three

73. Who amongst the following was born in 2002?

- A. E
- B. F
- C. G
- D. B
- E. None of these

74. Who amongst the following was 55 years old?

- A. F
- B. E
- C. B
- D. G
- E. None of these

75. How many people were born between F and B?

- A. Two
- B. Three
- C. One
- D. Four
- E. None

76. What is the sum of the ages of A and G?

- A. 58
- B. 54
- C. 73
- D. 87
- E. None of these

Direction: In each question, some statements and two conclusions are given. You have to decide which of the given conclusions logically follow(s) according to the given statements.

Study the following data carefully and answer the questions accordingly.

77. 77.

Statement:

$W \geq A > N \geq D = E > R$

Conclusion:

- I. $R \leq W$
- II. $D < W$
- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Neither I nor II follows
- E. Both I and II follow

78. Statement:

$P \leq L \leq O \leq W = P$

Conclusion:

- I. $L < P$
- II. $L = P$
- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Neither I nor II follows
- E. Both I and II follow

79. Statement:

$T \leq R \leq A = I \geq N \leq J$

Conclusion:

- I. $T \leq I$
- II. $A > J$
- A. Only I follows
- B. Only II follows
- C. Either I or II follows
- D. Neither I nor II follows
- E. Both I and II follow

80. If all the letters in the word '**CASHEWNUT**' are arranged in an alphabetical order from left to right, then how many letter(s) remain(s) at the same position?

- A. Three
- B. Two
- C. None
- D. One
- E. Four

Direction: Study the following information carefully and answer the given questions.

There are six friends i.e. A, B, C, D, E, and F having different weights in integer values. F is heavier than B but lighter than C. A is heavier than D and F. C is heavier than A. B is not lightest and C is not heaviest. The weight of the second lightest person is 77kg.

81.

If the total weight of C and B is 180kg then what will be the possible weight of A?

- A. 88kg
- B. 72kg
- C. 60kg
- D. 110kg
- E. None of these

82. Who amongst the following is the lightest person?

- A. F
- B. D
- C. A
- D. E
- E. None of these

83. Who amongst the following is the fourth heaviest person?

- A. C
- B. A
- C. F
- D. B
- E. None of these

Direction: In the question below are given three statements followed by two conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

84.

Statement:

All Benches are Table
No Bench is Hut
Only a few Table are Chair

Conclusion:

- I. Some Chair are not Table
 - II. Some Table are not Hut
- A. Only I follows
 - B. Only II follows
 - C. Either I or II follows
 - D. Both I and II follow
 - E. Neither I nor II follows

85.Statement:

Only a few Circle are Hexagon
Only a few Hexagon are Pentagon
No Circle is Square

Conclusion:

- I. Some Circle are not Hexagon
 - II. No Pentagon is Square
- A. Only I follows
 - B. Only II follows
 - C. Either I or II follows
 - D. Both I and II follow
 - E. Neither I nor II follows

86.Statement:

All Rooms are Plot
All Mugs are Bucket
All Plot is Bucket

Conclusion:

- I. Some Room is Bucket
 - II. Some Plot are Mug
- A. Only I follows
 - B. Only II follows
 - C. Either I or II follows
 - D. Both I and II follow
 - E. Neither I nor II follows

Direction: Study the following information carefully and answer the given questions.

Eight people A, B, C, D, E, F, G, and H live on eight different floors of the building but not necessarily in the same order. Each person lives on a different floor. The bottom-most floor is numbered as 1, the topmost floor is

numbered as 8 and the other floor numbers are accordingly.

F lives on an odd-numbered floor above the fourth floor. Only three people live between F and H. Number of people live above H is same as the number of people live below A. Three people live between A and C. G lives on an odd-numbered floor immediately above B. Only two people live between G and D. More than one people live between D and E 87.

How many people live between A and H?

- A. Four
- B. Three
- C. One
- D. Two
- E. None

88. How many people live above B?

- A. Three
- B. One
- C. More than three
- D. Two
- E. None

89. Who amongst the following lives exactly between H and E?

- A. G
- B. C
- C. A
- D. F
- E. None of these

90. Who amongst the following lives on 3rd floor?

- A. H
- B. A
- C. F
- D. E
- E. None of these

91. Four of the following five are alike in a certain way and hence form a

group. Which of the following does not belong to that group?

- A. B
- B. H
- C. G
- D. E
- E. F

Direction: Study the following information carefully and answer the given questions.

There are 7 people standing in a row from top to bottom in a consecutive manner but not necessarily in same order. Three people stand between A and B. F stands immediately after B. Two people stand between F and C. D stands immediately after C. More than two people stand between D and H. No one stands between H and J. 92.

How many people stand between A and H?

- A. Three
- B. One
- C. None
- D. Two
- E. Four

93. Who stands immediate after D?

- A. J
- B. F
- C. B
- D. H
- E. None of these

94. How many people stand before B?

- A. Two
- B. One
- C. Three
- D. None
- E. Four

95. Who amongst the following stands exactly between H and D?

- A. J
- B. A

- C. B
- D. F
- E. None of these

96. If each consonant in the word '**BACKGROUND**' is replaced by the previous alphabet and each vowel is replaced by the next alphabet according to English alphabetic series, and then the order of the alphabets arranged according to English alphabetical series then, which of the following letter will be the seventh from the right end?

- A. C
- B. F
- C. B
- D. G
- E. None of these

Direction: Study the information given below and answer the questions based on it.

2 5 8 3 2 7 3 9 5 6 4 3 8 7 1 3 2 5 6
7 1 2 4 8 7 5 6 2 4 7 8 6 2

97. 97.

Which of the following number will be seventh to the right of the one which is eleventh from the right end of the series when all the 2's and 6's are dropped and then last eight numbers are reversed?

- A. 4
- B. 8
- C. 7
- D. 5
- E. None of these

98. How many numbers are there in the given series which are immediately preceded by an even number and immediately followed by an odd number?

- A. Less than five
- B. Five
- C. Six
- D. More than six
- E. None of these

99. Which of the following number is sixth to the right of the one which is eleventh to the left of the number which is eighth from the extreme right end of the series?

- A. 1
- B. 3
- C. 7
- D. 2
- E. None of these

100. If the starting thirteen numbers are reversed which of the following number is fifth to the left of the one which is sixteenth from the left end of the arrangement?

- A. 5
- B. 3
- C. 4
- D. 8
- E. None of these

###ANSWERS###

1. Ans. D.

As per this line 'The first UN study into the natural systems propping up the human diet has found that shrinking biodiversity is affecting the Earth's capacity to produce food.' statement I can be inferred

As per the last few lines of the passage, statement II can be easily inferred

Statement III is incorrect. The passage mentions about the bumblebees just to instantiate the loss of biodiversity. So this is incorrect.

Thus, option D is the correct answer.

2. Ans. D.

The passage mentions "Forests are being cut down to make space for crop fields, and crop fields are being sprayed with pesticides and herbicides, which leaches the soil and kills off vital pollinators such as bees, birds and bats. Cutting down trees and big plants increases the risk of flooding".... Cutting down trees relates to deforestation, that makes I correct. It also mentions the use of insecticides, pesticides. As all these are crop protection chemicals, II also stands correct.

Since, passage nowhere mentions farm fires, so option D is the correct answer.

3. Ans. E.

Statement I: As per these lines "For a global hazard to really get respect these days, it has to threaten Armageddon" statement I is true.

Note that 'Armageddon' means 'a dramatic and catastrophic conflict, especially one seen as likely to destroy the world or the human race.' Statement II: The passage mentions that reliance on monocultures is imposing a threat of shortage in food supply, riding this statement as false.

Statement III: The passage states "The report mentions the Irish potato famine, and cereal crop failures in the US in the 20th century and asks us to expect more of that in the future."

Statement III is true.

So, option E is the correct answer.

4. Ans. E.

The third paragraph of the passage 'The first UN study into the natural systems propping up the human diet has found that shrinking biodiversity is affecting the Earth's capacity to produce food. Our food, it says, is now under "severe threat".....' Discusses all the three factors. So, option E is the correct answer.

5. Ans. E.

Note that 'Relying' means to 'to trust somebody/something to work', Now of the given alternatives:

Pledging: to make a serious or formal promise to give or do something

Envisaging: to imagine or expect something in the future, especially something good

Questioning: expressing doubts about something

Counting: to consider somebody/something in a particular way

Snipping: to cut using scissors, with a short quick action

So, 'counting' turns out to be the synonym of 'relying', thereby making option E as the correct answer.

6. Ans. B.

As the passage talks about maintaining biodiversity, so protecting wild species matches the context rather than killing or consuming them. So, the correct answer would be B- 'protect'.

7. Ans. D.

Note that 'Famine' means shortage of something.

Considering the meanings of the given alternatives:

Abundance: a very large quantity of something

Affluence: an abundant flow or supply

Adequacy: the fact of being enough or satisfactory for a particular purpose

Excess: an amount that is more than acceptable, expected, or reasonable

Scantiness: the quality of being small or insufficient in quantity or amount.

Evidently, 'Scantiness' is the closest in meaning to the given word 'Famine'. So, option D is the correct answer.

8. Ans. C.

Note that 'sustain' means to make something continue for a long period of time without becoming less.

Considering the meanings of the given alternatives:

Starring: to be one of the main actors in a play, film

Growing: to increase in size or number

Shrinking: to become smaller or make something smaller

Flooding: to go somewhere in large numbers

Marching: to walk in a determined way

According to the given meanings, 'shrinking' is the close antonym of 'sustaining'. Thus, option C is the correct answer.

9. Ans. D.

As the sentence is in simple past tense hinted by the presence of the word 'collided' the sentence demands 'made' instead of 'make' for being grammatically correct.

10. Ans. B.

As the adverb 'still' precedes the emboldened phrase indicating that the flood-affected residents are 'continuing until now' to expect help, so we need to replace 'wait' with 'waiting' to rectify the sentence.

11. Ans. D.

As we are talking about the positives of a person for which the subject was known, we can negate the options with the word having negative connotation 'ie', 'hardly'. Note, that following the rule of parallelism as we have the second gerund 'paying' present, we need another verb in gerund form to replace the emboldened phrase. So, it should be 'for working hard'. Option D is the correct answer.

12. Ans. C.

The correct replacement here would be 'moved off'. Note that the sentence is in the present perfect tense hinted by the presence of 'has been'. So, we need a past participle. Also the phrase 'move off' means to change the subject or location to something else. Note the meanings of other phrasal verbs given in options which are against the context of the given sentence.

Move into: to start living or operating a business in a place.

Move for something: to instigate or initiate some legal motion.

13. Ans. C.

The correct answer is C.

14. Ans. B.

There is a spelling error at position 2. Note that the correct spelling is 'prohibited' which is used to say that something is not allowed by law; to forbid. So, B is the correct answer.

15. Ans. D.

Hereditary is an adjective which means (of characteristics or diseases) passed from the genes of a parent to a child, or (of titles and positions in society) passed from parent to a child as a right

Heredity is a noun which refers to the process by which characteristics are given from a parent to their child through the genes.

In the given sentence we need a noun and not adjective. So, the correct word would be 'Heredity' and not 'Hereditary'.

16. Ans. B.

Replace "dreadful" with "champion". So, the correct answer is B.

17. Ans. C.

The correct spelling would be 'appetite' and not 'apetite'. So, C is the correct answer.

18. Ans. D.

Note that the sentence begins with 'though' which is used to present a contrasting idea. also as the last part of the sentence mentions 'to deal with', it means that position C requires a negative word. Simultaneously, position A requires a positive word to describe the traits of the girl in question. So, A and C need to be exchanged. B is correct in its place. So, the correct word order is CBA.

19. Ans. B.

Note that we are talking of an instance where a 'heroic effort' was 'made' . So, we need a verb in the first place to define the instance. 'Fell' would take the first place. 'made' would fit position B. The effect is explained by the word 'save' which best suits position C. So, the correct order is CAB.

20. Ans. B.

Word 'hard' best fits first position to complete the phrase 'hard work'. Then comes 'dedication' as it matches the traits necessary to get appreciation from someone. Last in the order would be 'appreciation'. So, the correct order is CAB.

21. Ans. A.

As the sentence begins with the determiner 'to' we need verb in its base form at first place. Of the emboldened words only 'straighten' fits in well. Now we straighten only

something that is 'crimped' and not 'laid' so, C would be second and last in the sequence would be A. So, the correct order is BCA.

22. Ans. E.

The given words are present in the correct sequence which is ABC. So, E is the correct answer.

23. Ans. C.

The ideal starter of the sentence would be A, as it begins with 'As' which is generally used to narrate an event. As A ends in with the subject 'I' we need a verb to define the exact event, which stand best sufficed by D defining the helplessness. As D ends with 'make a' we need a noun here which stands supplied by B 'trek' which means to walk long. Now B and E form a mandatory pair which when combined complete the phrase 'grocery store'. Last in the sequence would be C. So, the correct order is ADBEC.

24. Ans. B.

The correct order is BEACD.

25. Ans. E.

The correct order is EACBD.

26. Ans. D.

The correct order is CBAED.

27. Ans. A.

The error lies in the first part of the sentence. The word 'too' is incorrectly used. Note that 'Too is an adverb that can mean "excessively" or "also". Instead we need to use a preposition 'at' We use at to describe a position or location seen as a point. So, replacing 'too' with 'at' would make the sentence grammatically correct. So, the correct answer is A.

28. Ans. D.

Replace 'worked up' with 'working'.

So, the correct answer is D.

29. Ans. C.

Replace 'were' with 'was'. So, the correct answer is C.

30. Ans. B.

Replace 'amounts' with 'amount'. So, the correct answer is B.

31. Ans. D.

$$45\% \text{ of } 1770 \div 3 = 657 - ?$$

$$\Rightarrow \frac{45}{100} \times \frac{1770}{3} = 657 - ?$$

$$\Rightarrow \frac{9}{20} \times 590 = 657 - ?$$

$$\Rightarrow ? = 657 - 265.5 = 391.5$$

32. Ans. C.

$$(245 + 4500 - 3209) \div 3 = ?$$

$$\Rightarrow ? = (4745 - 3209) \div 3$$

$$= 1536 \div 3$$

$$= 512$$

33. Ans. B.

$$\frac{2}{5} \text{ of } \frac{3}{4} \text{ of } 25\% \text{ of } 1800 = ?$$

$$\Rightarrow ? = \frac{2}{5} \times \frac{3}{4} \times \frac{1}{4} \times 1800$$

$$= \frac{3}{40} \times 1800$$

$$= 3 \times 45$$

$$= 135$$

34. Ans. E.

$$x^3 \div (24 \times 4 \div 8) = 18$$

$$\Rightarrow \frac{x^3}{24 \times 4 \div 8} = 18$$

$$\Rightarrow \frac{x^3}{96 \div 8} = 18$$

$$\Rightarrow \frac{x^3}{12} = 18$$

$$\Rightarrow x^3 = 12 \times 18 = 216$$

$$\Rightarrow x = 6$$

35. Ans. C.

$$5^{(3 \div 6 \times 4 + 1)} \times 7 = 22^2 + x$$

$$\Rightarrow 5^{\left(\frac{3}{6} \times 4 + 1\right)} \times 7 = 484 + x$$

$$\Rightarrow 5^3 \times 7 = 484 + x$$

$$\Rightarrow 125 \times 7 = 484 + x$$

$$\Rightarrow x = 875 - 484 = 391$$

36. Ans. A.

$$x \div (233 - 227 + 2) + 276 = 292$$

$$\Rightarrow \frac{x}{8} + 276 = 292$$

$$\Rightarrow \frac{x}{8} = 292 - 276$$

$$\Rightarrow x = 8 \times 16 = 128$$

37. Ans. C.

$$489 \div 6 + 22.5 \times 2 - 17.5 = ?$$

$$\Rightarrow ? = \frac{489}{6} + 22.5 \times 2 - 17.5$$

$$= 81.5 + 45 - 17.5$$

$$= 109$$

38. Ans. E.

$$\sqrt{\frac{2}{3} \times 337.5} \times 6 = ?$$

$$\Rightarrow ? = \sqrt{2 \times 112.5} \times 6$$

$$= \sqrt{225} \times 6$$

$$= 15 \times 6 = 90$$

39. Ans. B.

$$\sqrt{661 - 405} \times \sqrt{x - 220} = 336$$

$$\Rightarrow \sqrt{256} \times \sqrt{x - 220} = 336$$

$$\Rightarrow 16 \times \sqrt{x - 220} = 336$$

$$\Rightarrow \sqrt{x - 220} = 21$$

$$\Rightarrow x - 220 = 441 \text{ (squaring both sides)}$$

$$\Rightarrow x = 441 + 220 = 661$$

40. Ans. D.

$$(x \div 5 \div 7) \times 14 + 112 = 420$$

$$\Rightarrow \frac{x}{5} \times \frac{1}{7} \times 14 = 420 - 112$$

$$\Rightarrow \frac{2x}{5} = 308$$

$$\Rightarrow x = \frac{308 \times 5}{2} = 770$$

41. Ans. B.

$$1287 - 4552 \div 8 = x\% \text{ of } 1795$$

$$\Rightarrow 1287 - \frac{4552}{8} = \frac{x}{100} \times 1795$$

$$\Rightarrow 1287 - 569 = \frac{x}{20} \times 359$$

$$\Rightarrow x = 718 \times \frac{20}{359} = 40$$

42. Ans. D.

$$8820 + 1468 \div 4 - 20\% \text{ of } ? = 8227$$

$$\Rightarrow 8820 + 367 - 8227 = \frac{1}{5} \times ?$$

$$\Rightarrow 9187 - 8227 = \frac{1}{5} \times ?$$

$$\Rightarrow ? = 960 \times 5 = 4800$$

43. Ans. E.

$$75\% \text{ of } 2280 \text{ of } \frac{1}{3} = ?$$

$$\Rightarrow ? = \frac{3}{4} \times 2280 \times \frac{1}{3}$$

$$= 570$$

44. Ans. A.

$$\sqrt{25\% \text{ of } 784} \times 5 + 440 = x \div 4$$

$$\Rightarrow \sqrt{\frac{1}{4} \times 784} \times 5 + 440 = \frac{x}{4}$$

$$\Rightarrow \sqrt{196} \times 5 + 440 = \frac{x}{4}$$

$$\Rightarrow 14 \times 5 + 440 = \frac{x}{4}$$

$$\Rightarrow 510 = \frac{x}{4}$$

$$\Rightarrow x = 2040$$

45. Ans. B.

$$\left(\frac{2}{7} \times \frac{2}{3} \times 84\right)^2 = ?$$

$$\Rightarrow ? = (4 \times 4)^2$$

$$= 256$$

46. Ans. D.

I. $X^2 = 4$

$$\Rightarrow X = 2, -2$$

II. $y^2 - 6y + 8 = 0$

$$\Rightarrow y^2 - 4y - 2y + 8 = 0$$

$$\Rightarrow y(y - 4) - 2(y - 4) = 0$$

$$\Rightarrow (y - 4)(y - 2) = 0$$

$$\Rightarrow y = 4, 2$$

So, $y \geq x$.

47. Ans. B.

$$x^2 + 2x - 15 = 0$$

$$x^2 + 5x - 3x - 15 = 0$$

$$x(x + 5) - 3(x + 5) = 0$$

$$(x + 5)(x - 3) = 0$$

$$x = +3, -5$$

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

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

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

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

$$y = +4, +5$$

So, $y > x$.

48. Ans. C.

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

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

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

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

$$x = +1/2, +1$$

$$6y^2 - 5y + 1 = 0$$

$$6y^2 - 3y - 2y + 1 = 0$$

$$3y(2y - 1) - 1(2y - 1) = 0$$

$$(3y - 1)(2y - 1) = 0$$

$$y = +1/3, +1/2$$

So, $X \geq Y$.

49. Ans. D.

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

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

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

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

$$x = +1, +1/3$$

$$2y^2 - 5y + 3 = 0$$

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

$$2y(y - 1) - 3(y - 1) = 0$$

$$(2y - 3)(y - 1) = 0$$

$$y = +3/2, +1$$

So, $y \geq x$.

50. Ans. A.

$$x^2 + 17x + 72 = 0$$

$$x^2 + 8x + 9x + 72 = 0$$

$$x(x + 8) + 9(x + 8) = 0$$

$$(x + 8)(x + 9) = 0$$

$$x = -8, -9$$

$$y^2 + 21y + 110 = 0$$

$$y^2 + 10y + 11y + 110 = 0$$

$$y(y + 10) + 11(y + 10) = 0$$

$$(y + 11)(y + 10) = 0$$

$$y = -11, -10$$

So, $x > y$.

51. Ans. A.

Total number of posts by P = 10

Total number of posts by Q = 30

$$\text{Required percentage} = \frac{10}{30} \times 100 = 33\frac{1}{3}\%$$

52. Ans. A.

Total number of posts by R = 40

$$\text{Number of videos Posted by R} = \frac{5}{3+5} \times 40 = 25$$

53. Ans. D.

Total number of posts by T = 35

Total number of posts by S = 50

$$\text{Required percentage} = \frac{50-35}{50} \times 100 = 30\%$$

54. Ans. B.

Total number of posts by U = 45

Number of videos posted by U = $\frac{3}{2+3}$
 $\times 45 = 27$

Total number of posts by P = 10

Required sum = $27 + 10 = 37$

55. Ans. B.

Total number of posts by Q & V together = $30 + 60 = 90$

Total number of posts by R & T together = $40 + 35 = 75$

Required difference = $90 - 75 = 15$

56. Ans. B.

Perimeter of rectangle = 220 m

Length of a rectangle is 20% more than its breadth

Let's Length = $120x$

Breadth = $100x$

So,

Perimeter = $2(120x + 100x)$

$2(120x + 100x) = 220$

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

Length of rectangle = $120x = 120 \times \frac{1}{2} = 60$ m

Area of square = $60 \times 60 = 3600$ m²

57. Ans. A.

Ratio of Profit = Ratio of investments

Now, ratio of investments of A and B is:

$12800 \times 12 : 14400 \times 5 = 32 : 15$

So, Ratio of profit of A and B = $32 : 15$

Required Profit share of B = $\frac{15}{32 + 15} \times 23500 = \text{Rs. } 7500$

Hence, option A is correct.

58. Ans. B.

Let the cost price be Rs. $100x$, then
Marked price = $100x + 300\%$ of $100x$
 $= 100x + 300x = \text{Rs. } 400x$

Selling price = Marked price - discount
 $= 400x - 50\%$ of $400x = 400x - 200x = 200x$

According to question

$200x = \text{Rs. } 1200$

$\Rightarrow x = 6$

Hence, the cost price = Rs. $100x = 100 \times 6 = \text{Rs. } 600$.

59. Ans. A.

Let the speed of river be x km/h.

According to question,

$(18 + x) - (18 - x) = 6$

$\Rightarrow 2x = 6$

$\Rightarrow x = 3$

Downstream speed of boat = $18 + 3 = 21$ km/hr

5 hours 20 min = $5\frac{1}{3}$ hours

Required distance = $21 \times \frac{16}{3} = 112$ km

60. Ans. A.

Let the age of A and B two years hence will be $3x$ years and $4x$ years respectively.

8 years ago, age of A = $(3x - 10)$ years

8 years ago, age of B = $(4x - 10)$ years

According to question,

$\frac{3x - 10}{4x - 10} = \frac{2}{3}$

$4x - 10 = 3$

$\Rightarrow 9x - 30 = 8x - 20$

$\Rightarrow x = 10$

Present age of A = $3x - 2 = 3 \times 10 - 2 = 28$ years

61. Ans. A.

Let the number of units of work done by A, B and C on each day be 4, 6 and 3 respectively.

Thus, total work = $(4 + 6 + 3) \times 8 = 104$ units

Work to be done by A = $\frac{3}{4} \times 104 = 78$ units

Required time = $\frac{78}{4} = 19\frac{1}{2}$ days

62. Ans. A.

Ratio of profits of A and B = $(X \times 4 + 2X \times 8) : 2X \times 8$
 $= 20 : 16 = 5 : 4$

Share of A = $\frac{5}{5+4} \times 13950 = \text{Rs. } 7750$

63. Ans. A.

Let the length of rectangle and side of

square be x and s respectively.

According to question,
 $2(x + 18) = 84$
 $\Rightarrow x + 18 = 42 \Rightarrow x = 24$ m
 Also, $24 + s = 72$
 $\Rightarrow s = 48$ m
 64. Ans. B.

Speed of train A = $36 \times \frac{5}{18} = 10$ m/sec
 Let the speed of train B be x m/sec.

According to question,
 $\frac{600}{10 + x} = 20$

$$\Rightarrow 200 + 20x = 600$$

$$\Rightarrow 20x = 400 \Rightarrow x = 20$$

Speed of train B = $20 \times \frac{18}{5} = 72$ km/h
 65. Ans. B.

Let the sum invested by A and B be Rs. $2x$ and Rs. $3x$ respectively.
 According to question,

$$2x \left(1 + \frac{20}{100}\right)^2 + 3x \left(1 + \frac{10}{100}\right)^2 - (2x + 3x) = 1510$$

$$\Rightarrow 2.88x + 3.63x - 5x = 1510$$

$$\Rightarrow 1.51x = 1510$$

$$\Rightarrow x = 1000$$

Sum invested by A = $2 \times 1000 =$ Rs. 2000

66. Ans. E.

Days	Month	Date	People
30	April	5	F
30	April	23	E
31	May	5	B
31	May	23	C
30	June	5	H
30	June	23	A
31	July	5	D
31	July	23	G

67. Ans. B.

Days	Month	Date	People
30	April	5	F
30	April	23	E
31	May	5	B
31	May	23	C
30	June	5	H
30	June	23	A
31	July	5	D
31	July	23	G

68. Ans. A.

Days	Month	Date	People
30	April	5	F
30	April	23	E
31	May	5	B
31	May	23	C
30	June	5	H
30	June	23	A
31	July	5	D
31	July	23	G

69. Ans. E.

Days	Month	Date	People
30	April	5	F
30	April	23	E
31	May	5	B
31	May	23	C
30	June	5	H
30	June	23	A
31	July	5	D
31	July	23	G

70. Ans. B.

Days	Month	Date	People
30	April	5	F
30	April	23	E
31	May	5	B
31	May	23	C
30	June	5	H
30	June	23	A
31	July	5	D
31	July	23	G

71. Ans. C.

3 8 6 1 5 7 4

1 ----> 5 ----> 7 ----> 4

8 <----- 6 <----- 1 <----- 5

72. Ans. C.

Age	Year	People
59	1961	E
55	1965	F
47	1973	D
40	1980	A
33	1987	C
18	2002	B
14	2006	G

73. Ans. D.

Age	Year	People
59	1961	E
55	1965	F
47	1973	D
40	1980	A
33	1987	C
18	2002	B
14	2006	G

74. Ans. A.

Age	Year	People
59	1961	E
55	1965	F
47	1973	D
40	1980	A
33	1987	C
18	2002	B
14	2006	G

75. Ans. B.

Age	Year	People
59	1961	E
55	1965	F
47	1973	D
40	1980	A
33	1987	C
18	2002	B
14	2006	G

76. Ans. B.

Age	Year	People
59	1961	E
55	1965	F
47	1973	D
40	1980	A
33	1987	C
18	2002	B
14	2006	G

77. Ans. B.

I. $R \leq W$ - False

II. $D < W$ - True

78. Ans. C.

I. $L < P$ - False

II. $L = P$ - False

79. Ans. A.

I. $T \leq I$ - True

II. $A > J$ - False

80. Ans. B.

C A S H E W N U T

A C E H N S T U W

81. Ans. A.

F is heavier than B but lighter than C.

$C > F > B$

A is heavier than D and F.

$A > D$

$A > F$

C is heavier than A.

$C > A$

B is not lightest and C is not heaviest.

$> C > A > F > B >$

The weight of the second lightest person is 77kg.

$E > C > A > F > B > D$

77kg

82. Ans. B.

F is heavier than B but lighter than C.

$C > F > B$

A is heavier than D and F.

$A > D$

$A > F$

C is heavier than A.

$C > A$

B is not lightest and C is not heaviest.

$> C > A > F > B >$

The weight of the second lightest person is 77kg.

$E > C > A > F > B > D$

77kg

83. Ans. C.

F is heavier than B but lighter than C.

$C > F > B$

A is heavier than D and F.

$A > D$

$A > F$

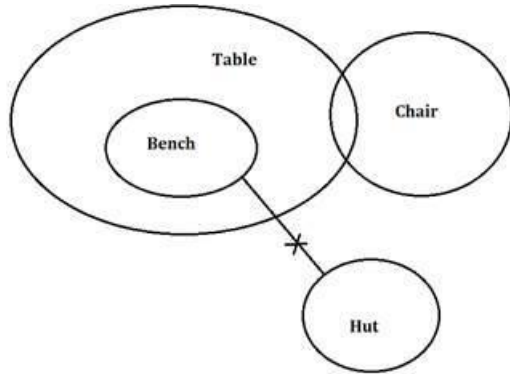
C is heavier than A.
 $C > A$
 B is not lightest and C is not heaviest.

$> C > A > F > B >$
 The weight of the second lightest person is 77kg.

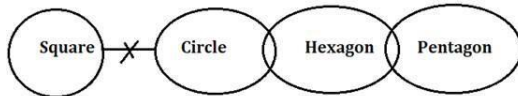
$E > C > A > F > B > D$

77kg

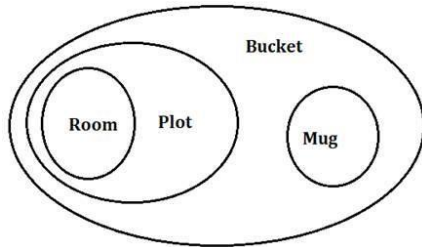
84. Ans. B.



85. Ans. A.



86. Ans. A.



87. Ans. D.

Floors	Person
8	D
7	F
6	A
5	G
4	B
3	H
2	C
1	E

88. Ans. C.

Floors	Person
8	D
7	F
6	A
5	G
4	B
3	H
2	C
1	E

89. Ans. B.

Floors	Person
8	D
7	F
6	A
5	G
4	B
3	H
2	C
1	E

90. Ans. A.

Floors	Person
8	D
7	F
6	A
5	G
4	B
3	H
2	C
1	E

91. Ans. A.

Floors	Person
8	D
7	F
6	A
5	G
4	B
3	H
2	C
1	E

92. Ans. C.

C
D
B
F
J
H
A

93. Ans. C.

C
D
B
F
J
H
A

94. Ans. A.

C
D
B
F
J
H
A

95. Ans. D.

C
D
B
F
J
H
A

96. Ans. A.

BACKGROUND

ABBJFQPVMC

ABBCFJMPQV

97. Ans. C.

2 5 8 3 2 7 3 9 5 6 4 3 8 7 1 3 2 5 6
7 1 2 4 8 7 5 6 2 4 7 8 6 2

Now, if all the 2's and 6's are dropped we will get:

5 8 3 7 3 9 5 4 3 8 7 1 3 5 7 1 4 8 7
5 4 7 8

Now, if the last eight numbers are reversed we will get:

5 8 3 7 3 9 5 4 3 8 7 1 3 5 7 8 7 4 5
7 8 4 1

Now, the seventh number to the right of the eleventh number from the right end = $(11-7) = 4^{\text{th}}$ from right.

Now, 4^{th} number from the right is 7. Hence, option (C) is the right answer.

98. Ans. D.

2 5 8 3 2 **7** 3 9 5 6 **4** 3 8 **7** 1 3 2 5 6
7 1 2 4 **8 7** 5 6 2 **4** 7 8 6 2

Clearly, total seven numbers are there which are immediately preceded by an even number and immediately followed by an odd number.

Hence, option (D) is the right answer.

99. Ans. A.

2 5 8 3 2 7 3 9 5 6 4 3 8 7 1 3 2 5 6
7 1 2 4 8 7 5 6 2 4 7 8 6 2

Eighth number from the extreme right end is 5.

'1' is eleventh to the left of '5'.

'1' is sixth to the right of '1'.

Hence, option (A) is the right answer.

100. Ans. D.

2 5 8 3 2 7 3 9 5 6 4 3 8 7 1 3 2 5 6
7 1 2 4 8 7 5 6 2 4 7 8 6 2

Starting thirteen elements are 2 5 8 3 2 7 3 9 5 6 4 3 8

Now, if the starting thirteen numbers are reversed we will get:

8 3 4 6 5 9 3 7 2 3 8 5 2 7 1 3 2 5 6
7 1 2 4 8 7 5 6 2 4 7 8 6 2

Now, the fifth number to the left of the sixteenth number from the left end = $(16-5) = 11^{\text{th}}$ from the left.

Now, the 11^{th} number from the left end is 8.

Hence, option (D) is the right answer.