IBPS Clerk Pre 2020

Previous Year Questions

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/comm entisfree/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.

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
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.

Motor vehicles (1) are prohibated (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 apetite (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 grammatically and contextually
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.

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

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.
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.
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.

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.

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.
$45 \%$ 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
33.5 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
$41.1287-4552 \div 8=x \%$ of 1795
A. 45
B. 40
C. 55
D. 60
E. 65
$42.8820+1468 \div 4-20 \%$ of ? $=$ 8227
A. 3900
B. 5040
C. 4320
D. 4800
E. 4400
$43.75 \%$ of 2280 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. $\left(\frac{2}{7} \times \frac{2}{3} \times 84\right)^{2}=$ ?
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.
I. $X^{2}=4$
II. $Y^{2}-6 y+8=0$
A. $X>Y$
B. $X<Y$
C. $X \geq Y$
D. $X \leq Y$
E. $X=Y$ or No relation can be established
$47 . X^{2}+2 x-15=0$
$Y^{2}-9 y+20=0$
A. $X>Y$
B. $X<Y$
C. $X \geq Y$
D. $X \leq Y$
E. $X=Y$ or No relation can be established
$48.2 X^{2}-3 x+1=0$
$6 y^{2}-5 y+1=0$
A. $X>Y$
B. $X<Y$
C. $X \geq Y$
D. $X \leq Y$
E. $X=Y$ or No relation can be established
$49.3 x^{2}-4 x+1=0$
$2 y^{2}-5 y+3=0$
A. $X>Y$
B. $X<Y$
C. $X \geq Y$
D. $X \leq Y$
E. $X=Y$ or No relation can be established
50. $\mathrm{X}^{2}+17 \mathrm{x}+72=0$
$Y^{2}+21 y+110=0$
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?
11
A. $333 \%$
B. $40 \%$
C. $50 \frac{1}{2} \%$

3
D. $378 \%$
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. $4400 \mathrm{~m}^{2}$
B. $3600 \mathrm{~m}^{2}$
C. $4800 \mathrm{~m}^{2}$
D. $4000 \mathrm{~m}^{2}$
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 $\mathrm{km} / \mathrm{hr}$. Speed of the boat in Downstream is $6 \mathrm{~km} / \mathrm{hr}$ 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 $\mathrm{A}, \mathrm{B}$ \& $C$ is $4: 6: 3$. Together they can complete a work in 8 days. In how many days $A$ can complete the $3 / 4^{\text {th }}$ of the same work?

```
        1
A. }192\mathrm{ days
    2
B. }163\mathrm{ days
C. }1\mp@subsup{5}{}{\frac{1}{2}}\mathrm{ days
    3
D. }214\mathrm{ days
E. None of these
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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 $36 \mathrm{~km} / \mathrm{hr}$ 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. $60 \mathrm{~km} / \mathrm{hr}$
B. $72 \mathrm{~km} / \mathrm{hr}$
C. $84 \mathrm{~km} / \mathrm{hr}$
D. $56 \mathrm{~km} / \mathrm{hr}$
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. $5^{\text {th }}$ and $23^{\text {rd }}$ 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 $5^{\text {th }}$ 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.

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.

## Statement:

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

## Conclusion:

I. $\mathrm{R} \leq \mathrm{W}$
II. D $<\mathrm{W}$
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:

$\mathrm{P} \leq \mathrm{L} \leq \mathrm{O} \leq \mathrm{W}=\mathrm{P}$

## 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:
$\mathrm{T} \leq \mathrm{R} \leq \mathrm{A}=\mathrm{I} \geq \mathrm{N} \leq \mathrm{J}$

## Conclusion:

I. $\mathrm{T} \leq \mathrm{I}$
II. $\mathrm{A}>\mathrm{J}$
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 77 kg . 81.

If the total weight of $C$ and $B$ is 180 kg then what will be the possible weight of A?
A. 88 kg
B. 72 kg
C. 60 kg
D. 110 kg
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 $3^{\text {rd }}$ 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.

## 2583273956438713256

 7124875624786297. 

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

## 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 bublebees 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.

START FREE TRIAL

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 'crimpled' 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 begibs 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.
$45 \%$ 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.
$\frac{2}{5}$ of $\frac{3}{4}$ of $25 \%$ 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.
$x^{3} \div(24 \times 4 \div 8)=18$
$\Rightarrow \frac{x^{3}}{24 \times 4 \div 8}=18$
$\Rightarrow \frac{x^{3}}{96 \div 8}=18$
$\Rightarrow \frac{\mathrm{x}^{3}}{12}=18$
$\Rightarrow x^{3}=12 \times 18=216$
$\Rightarrow x=6$
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.
$\sqrt{661-405} \times \sqrt{\mathrm{x}-220}=336$
$\Rightarrow \sqrt{256} \times \sqrt{\mathrm{x}-220}=336$
$\Rightarrow 16 \times \sqrt{\mathrm{x}-220}=336$
$\Rightarrow \sqrt{\mathrm{x}-220}=21$
$\Rightarrow x-220=441$ (squaring both sides)
$\Rightarrow x=441+220=661$
40. Ans. D.
$(x \div 5 \div 7) \times 14+112=420$
$\Rightarrow \frac{x}{5} \times \frac{1}{7} \times 14=420-112$
$\Rightarrow \frac{2 \mathrm{x}}{5}=308$
$\Rightarrow x=\frac{\frac{308 \times 5}{2}}{2}=770$
41. Ans. B.
$1287-4552 \div 8=x \%$ of 1795
$\Rightarrow 1287-\frac{4552}{8}=\frac{x}{100} \times 1795$
$\Rightarrow 1287-569=\frac{\mathrm{x}}{20} \times 359$
$\Rightarrow x=718 \times \frac{20}{359}=40$
42. Ans. D.
$8820+1468 \div 4-20 \%$ 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.
$75 \%$ of 2280 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. $y^{2}-6 y+8=0$
$\Rightarrow y^{2}-4 y-2 y+8=0$
$\Rightarrow y(y-4)-2(y-4)=0$
$\Rightarrow(y-4)(y-2)=0$
$\Rightarrow y=4,2$
So, $y \geq x$.
47. Ans. B.
$x^{2}+2 x-15=0$
$x^{2}+5 x-3 x-15=0$
$x(x+5)-3(x+5)=0$
$(x+5)(x-3)=0$
$x=+3,-5$
$y^{2}-9 y+20=0$
$y^{2}-4 y-5 y+20=0$
$y(y-4)-5(y-4)=0$
$(y-4)(y-5)=0$
$y=+4,+5$
So, $y>x$.
48. Ans. C.
$2 x^{2}-3 x+1=0$
$2 x^{2}-2 x-x+1=0$
$2 x(x-1)-1(x-1)=0$
$(2 x-1)(x-1)=0$
$x=+1 / 2,+1$
$6 y^{2}-5 y+1=0$

$$
\begin{aligned}
& 6 y^{2}-3 y-2 y+1=0 \\
& 3 y(2 y-1)-1(2 y-1)=0 \\
& (3 y-1)(2 y-1)=0 \\
& y=+1 / 3,+1 / 2 \\
& \text { So, } x \geq Y . \\
& 49 . \text { Ans. D. } \\
& 3 x^{2}-4 x+1=0 \\
& 3 x^{2}-3 x-x+1=0 \\
& 3 x(x-1)-1(x-1)=0 \\
& (x-1)(3 x-1)=0 \\
& x=+1,+1 / 3 \\
& 2 y^{2}-5 y+3=0 \\
& 2 y^{2}-2 y-3 y+3=0 \\
& 2 y(y-1)-3(y-1)=0 \\
& (2 y-3)(y-1)=0 \\
& y=+3 / 2,+1 \\
& S o, y \geq x . \\
& 50 . \text { Ans. A. } \\
& x^{2}+17 x+72=0 \\
& x^{2}+8 x+9 x+72=0 \\
& x(x+8)+9(x+8)=0 \\
& (x+8)(x+9)=0 \\
& x=-8,-9 \\
& y^{2}+21 y+110=0 \\
& y^{2}+10 y+11 y+110=0 \\
& y(y+10)+11(y+10)=0 \\
& (y+11)(y+10)=0 \\
& y=-11,-10 \\
& \text { So, } x>y . \\
& 51 . \text { Ans. A. }
\end{aligned}
$$

Total number of posts by $\mathrm{P}=10$
Total number of posts by $\mathrm{Q}=30$
Required percentage $=\overline{30} \times 100=$ $33 \frac{1}{3} \%$
52. Ans. A.

Total number of posts by $R=40$
Number of videos Posted by $R=\frac{5}{3+5}$ $\times 40=25$
53. Ans. D.

Total number of posts by $\mathrm{T}=35$
Total number of posts by $S=50$
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 $\mathrm{P}=10$
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 $=220 \mathrm{~m}$
Length of a rectangle is $20 \%$ more
than its breadth
Lets Length $=120 \mathrm{x}$
Breadth $=100 \mathrm{x}$
So,
Perimeter $=2(120 x+100 x)$
$2(120 x+100 x)=220$
X= $1 / 2$
Length of rectangle $=120 x=$ $120 \times 1 / 2=60 \mathrm{~m}$
Area of square $=60 \times 60=3600 \mathrm{~m}^{2}$
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 $B=$ $\frac{15}{(32+15)} \times 23500=$ Rs. 7500
Hence, option A is correct.
58. Ans. B.

Let the cost price be Rs. 100 x , then
Marked price $=100 x+300 \%$ of 100x $=100 x+300 x=$ Rs. $400 x$
Selling price $=$ Marked price discount $=400 x-50 \%$ of $400 x=$ $400 x-200 x=200 x$
According to question
$200 \mathrm{x}=$ Rs. 1200
$\Rightarrow x=6$
Hence, the cost price $=$ Rs. $100 x=$ $100 \times 6=$ Rs. 600.
59. Ans. A.

Let the speed of river be $x \mathrm{~km} / \mathrm{h}$.
According to question,
$(18+x)-(18-x)=6$
$\Rightarrow 2 x=6$
$\Rightarrow x=3$
Downstream speed of boat $=18+3$
$=21 \mathrm{~km} / \mathrm{hr}$
5 hours $20 \mathrm{~min}=5 \frac{1}{3}$ 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 $3 x$ years and $4 x$ years respectively.
8 years ago, age of $A=(3 x-10)$ years
8 years ago, age of $B=(4 x-10)$ years
According to question,
$\frac{3 x-10}{4 x-10}=\frac{2}{3}$
$\Rightarrow 9 \mathrm{x}-30=8 \mathrm{x}-20$
$\Rightarrow x=10$
Present age of $A=3 x-2=3 \times 10-$ $2=28$ 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 $\mathrm{A}=\frac{3}{4} \times 104=78$ units
Required time $=\frac{78}{4}=19 \frac{1}{2}$ days
62. Ans. A.

Ratio of profits of $A$ and $B=(X \times 4+$ $2 \mathrm{X} \times 8$ ): $2 \mathrm{X} \times 8$
$=20: 16=5: 4$
Share of $A=\frac{5}{5+4} \times 13950=$ Rs. 7750
63. Ans. A.

Let the length of rectangle and side of square be $x$ and $s$ respectively.

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

Speed of train $A=36 \times \frac{5}{18}=10 \mathrm{~m} / \mathrm{sec}$
Let the speed of train $B$ be $\times \mathrm{m} / \mathrm{sec}$.
According to question,
600
$10+\mathrm{x}=20$
$\Rightarrow 200+20 x=600$
$\Rightarrow 20 x=400 \Rightarrow x=20$
Speed of train $B=20 \times \frac{18}{5}=72 \mathrm{~km} / \mathrm{h}$ 65. Ans. B.

Let the sum invested by $A$ and $B$ be Rs. $2 x$ and Rs. $3 x$ respectively.
According to question,
$2 x\left(1+\frac{20}{100}\right)^{2}+$ $3 x$
$\left(1+\frac{10}{100}\right)^{2}-(2 x+3 x)$ $=1510$
$\Rightarrow 2.88 x+3.63 x-5 x=1510$
$\Rightarrow 1.51 x=1510$
$\Rightarrow x=1000$
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.

3861574
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. $\mathrm{R} \leq \mathrm{W}$ - 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 HEWNUT
ACEHNSTUW
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.
$>\mathrm{C}>\mathrm{A}>\mathrm{F}>\mathrm{B}>$
The weight of the second lightest person is 77 kg .
$\mathrm{E}>\mathrm{C}>\mathrm{A}>\mathrm{F}>\mathrm{B}>\mathrm{D}$
77 kg
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.
$>\mathrm{C}>\mathrm{A}>\mathrm{F}>\mathrm{B}>$
The weight of the second lightest person is 77 kg .
$E>C>A>F>B>D$
77 kg
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.
$>\mathrm{C}>\mathrm{A}>\mathrm{F}>\mathrm{B}>$
The weight of the second lightest person is 77 kg .
$\mathrm{E}>\mathrm{C}>\mathrm{A}>\mathrm{F}>\mathrm{B}>\mathrm{D}$
77 kg
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.

2583273956438713256 71248756247862
Now, if all the 2's and 6's are dropped we will get:
5837395438713571487 5478
Now, if the last eight numbers are reversed we will get:
5837395438713578745 7841

Now, the seventh number to the right of the eleventh number from the right end $=(11-7)=4^{\text {th }}$ from right.
Now, $4^{\text {th }}$ number from the right is 7 .
Hence, option (C) is the right answer. 98. Ans. D.

2583273956438713256 71248756247862
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.

2583273956438713256 $712487 \underline{5} 6247862$
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.

2583273956438713256 71248756247862
Starting thirteen elements are 2583 273956438
Now, if the starting thirteen numbers are reversed we will get:
8346593723852713256 71248756247862
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 $11^{\text {th }}$ number from the left end is 8 .
Hence, option (D) is the right answer.

