Solution Report For IBPS PO PRE 20 (Medium)

Q. No	Question Status
Q.1	**Directions (1-5): In these questions, the relationship between different elements is shown in the statements. These statements are followed by three conclusions. Mark your answer from the given options.**

Statements:
L $\geq$ M > K,   Z = K < P

Conclusions:
I. Z $\leq$ L   II. M = P   III. Z < M

    a. Only I is true
    b. Only II is true
    c. Only III is true ✔
    d. Both I and III are true
    e. None of these

Not Attempt   **Correct Ans.**   **c**

Solution.   **-NA-**

Q.2	**Directions (1-5): In these questions, the relationship between different elements is shown in the statements. These statements are followed by three conclusions. Mark your answer from the given options.**

Statements:
R = P $\geq$ J > S,   J $\leq$ M < N

Conclusions:
I. S < R = P   II. N > S   III. R = M

    a. Only 1 is true
    b. Only II is true
    c. Either II or III is true
    d. both I and II are true ✔
    e. All are true

Not Attempt   **Correct Ans.**   **d**

Solution.   **-NA-**

Q.3	**Directions (1-5): In these questions, the relationship between different elements is shown in the statements. These statements are followed by three conclusions. Mark your answer from the given options.**

Statements:
S < P = Z $\leq$ M,   Z $\geq$ K $\geq$ R,   S $\geq$ J

Conclusions:
I. M $\geq$ R   II. Z > J   III. S < Z $\geq$ R

    a. Only I is true
    b. Only II is true
    c. Only I and II are true
    d. All I, II and III are true ✔
    e. Only II and III are true

Not Attempt   **Correct Ans.**   **d**

Solution.   -NA-

Q.4

Directions (1-5): In these questions, the relationship between different elements is shown in the statements. These statements are followed by three conclusions. Mark your answer from the given options.

Statements:
K≤M<R>P,   R≥S=N>J
Conclusions:
I. K < R > J   II. P> S   III. S = K

    a. Only I is true ✔
    b. Only II is true
    c. Only III is true
    d. Only I and II are true
    e. Only I and III are true

Not Attempt   Correct Ans.   **a**

Solution.   -NA-

Q.5

Directions (1-5): In these questions, the relationship between different elements is shown in the statements. These statements are followed by three conclusions. Mark your answer from the given options.

Statements:
R≤J>M,   J≥L=S<N,   S≥P
Conclusions:
I. P ≤ J   II. R=L   III. M <N

    a. Only I is true ✔
    b. Only II is true
    c. Only I and III are true
    d. All are true
    e. None of these

Not Attempt   Correct Ans.   **a**

Solution.   -NA-

Q.6

Directions (6-10): Study the following information carefully and answer the questions given below:
There are seven students -— P, Q, R, S, T, V and W— in a class. Each of them has a different favourite subject, viz Science, Chemistry, Biology, French, English, Mathematics and Hindi. Each of the students secured different marks in his favourite subject. R has secured second highest marks and neither Science nor French is his favourite subject. T securedthe least marks and neither Mathematics nor Chemistry is his favourite subject. The favourite subject of S is Biology and he secured more marks than marks of Q and W but less than the marks of P. The favourite subject of Q is English and his marks is more than the marks of T but less than the marks of W.
The favourite subject of P is Hindi and he has not secured the highest marks. The student whose favourite subject is French, got the highest marks. The favourite subject of R isnot Chemistry.

Q- Which is the favourite subject of T?

    a. Chemistry
    b. Science ✔
    c. English
    d. Data inadequate
    e. none of these

| Not Attempt | Correct Ans. | b |

Solution.

Directions (6-10):

S.No	Student Name	Favourite Subject
1	V	French
2	R	Mathematics
3	P	Hindi
4	S	Biology
5	W	Chemistry
6	Q	English
7	T	Science

Q.7

Directions (6-10): Study the following information carefully and answer the questions given below:
There are seven students -— P, Q, R, S, T, V and W— in a class. Each of them has a different favourite subject, viz Science, Chemistry, Biology, French, English, Mathematics and Hindi. Each of the students secured different marks in his favourite subject. R has secured second highest marks and neither Science nor French is his favourite subject. T securedthe least marks and neither Mathematics nor Chemistry is his favourite subject. The favourite subject of S is Biology and he secured more marks than marks of Q and W but less than the marks of P. The favourite subject of Q is English and his marks is more than the marks of T but less than the marks of W.
The favourite subject of P is Hindi and he has not secured the highest marks. The student whose favourite subject is French, got the highest marks. The favourite subject of R isnot Chemistry.

Q- What is the favourite subject of W?

    a. Chemistry ✔
    b. Mathematics
    c. Either Chemistry or Mathematics
    d. Data inadequate
    e. None of these

| Not Attempt | Correct Ans. | a |

| Solution. | -NA- |

Q.8

Directions (6-10): Study the following information carefully and answer the questions given below:
There are seven students -— P, Q, R, S, T, V and W— in a class. Each of them has a different favourite subject, viz Science, Chemistry, Biology, French, English, Mathematics and Hindi. Each of the students secured different marks in his favourite subject. R has secured second highest marks and neither Science nor French is his favourite subject. T securedthe least marks and neither Mathematics nor Chemistry is his favourite subject. The favourite subject of S is Biology and he secured more marks than marks of Q and W but less than the marks of P. The favourite subject of Q is English and his marks is more than the marks of T but less than the marks of W.
The favourite subject of P is Hindi and he has not secured the highest marks. The student whose favourite subject is French, got the highest marks. The favourite subject of R isnot Chemistry.

Q- Who got the second lowest marks?

    a. W
    b. S
    c. R

d. Data inadequate

e. none of these ✅

Not Attempt | **Correct Ans.** | e

Solution. | -NA-

Q.9

Directions (6-10): Study the following information carefully and answer the questions given below:

There are seven students -— P, Q, R, S, T, V and W— in a class. Each of them has a different favourite subject, viz Science, Chemistry, Biology, French, English, Mathematics and Hindi. Each of the students secured different marks in his favourite subject. R has secured second highest marks and neither Science nor French is his favourite subject. T securedthe least marks and neither Mathematics nor Chemistry is his favourite subject. The favourite subject of S is Biology and he secured more marks than marks of Q and W but less than the marks of P. The favourite subject of Q is English and his marks is more than the marks of T but less than the marks of W.

The favourite subject of P is Hindi and he has not secured the highest marks. The student whose favourite subject is French, got the highest marks. The favourite subject of R isnot Chemistry.

Q- French is the favourite subject of

a. R

b. P

c. W

d. V ✅

e. None of these

Not Attempt | **Correct Ans.** | d

Solution. | -NA-

Q.10

Directions (6-10): Study the following information carefully and answer the questions given below:

There are seven students -— P, Q, R, S, T, V and W— in a class. Each of them has a different favourite subject, viz Science, Chemistry, Biology, French, English, Mathematics and Hindi. Each of the students secured different marks in his favourite subject. R has secured second highest marks and neither Science nor French is his favourite subject. T securedthe least marks and neither Mathematics nor Chemistry is his favourite subject. The favourite subject of S is Biology and he secured more marks than marks of Q and W but less than the marks of P. The favourite subject of Q is English and his marks is more than the marks of T but less than the marks of W.

The favourite subject of P is Hindi and he has not secured the highest marks. The student whose favourite subject is French, got the highest marks. The favourite subject of R isnot Chemistry.

Q- When all the seven students are arranged according totheir marks in their favourite subjects in descending order,what is the position of P from the top?

a. Second

b. Fourth

c. Third ✅

d. Data inadequate

e. none of these

Not Attempt | **Correct Ans.** | c

Solution. | -NA-

Q.11   **Directions (11-15):** In each of the questions below there are three statements followed by four conclusions numbered I, II, III and IV. 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 givens tatements, disregarding commonly known facts.

Statements:
All birds are fruits.
Some fruits are towers.
All towers are windows.
Conclusions:
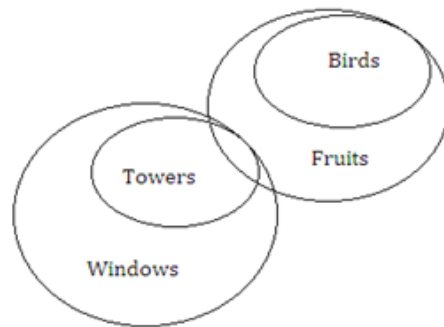I. Some birds are towers.
II. Some windows are birds.
III. Some windows are fruits.
IV. Some towers are birds.

    a. None follows
    b. Only I and II follow
    c. Only II and III follow
    d. Only III follows ✔
    e. All follow

Not Attempt | **Correct Ans.** | **d**

Solution.

Q.12   **Directions (11-15):** In each of the questions below there are three statements followed by four conclusions numbered I, II, III and IV. 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 givens tatements, disregarding commonly known facts.

Statements:
Some buses are trains.
No train is a dog.
All dogs are parrots.
Conclusions:
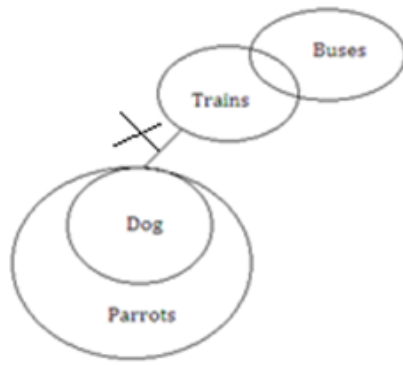I. No bus is a parrot.
II. Some parrots are trains.
III. Some parrots are buses.
IV. No dog is a bus.

    a. Only either I or III follows ✔
    b. Only II follows
    c. Only IV follows
    d. Only I and III follow
    e. None of these

Not Attempt | **Correct Ans.** | **a**

Solution.

Q.13   **Directions (11-15):** In each of the questions below there are three statements followed by four conclusions numbered I, II, III and IV. 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 givens tatements, disregarding commonly known facts.

Statements:
Some cups are flowers.
Some flowers are boxes.
All boxes are tigers.
Conclusions:
I. Some tigers are cups.
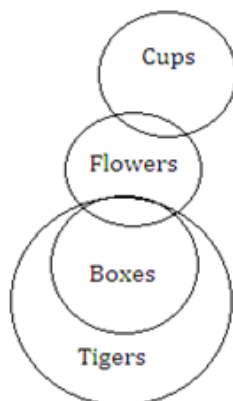II. Some tigers are flowers.
III Some boxes are cups.
IV. No tiger is a flower.

     a. None follows
     b. Only either II or IV follows
     c. Only III follows
     d. Only either I or III follows
     e. None of these ✔

Not Attempt | **Correct Ans.** | **e**

Solution.

Q.14   **Directions (11-15):** In each of the questions below there are three statements followed by four conclusions numbered I, II, III and IV. 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 givens tatements, disregarding commonly known facts.

Statements:

Some cats are lions.
All lions are hares.
All hares are horses.
Conclusions:
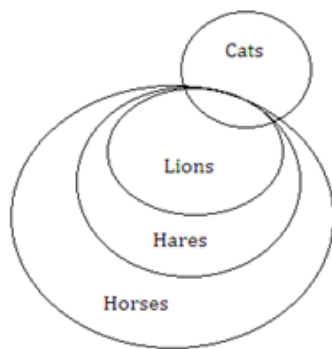**I. Some cats are horses.**
II. Some horses are lions.
III. Some hares are cats.
IV. Some cats are hares.

   a. Only I and II follow
   b. Only III and IV follow
   c. Only I and III follow
   d. All follow ✔
   e. None of these

Not Attempt   **Correct Ans.**   d

Solution.

Q.15   **Directions (11-15): In each of the questions below there are three statements followed by four conclusions numbered I, II, III and IV. 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 givens tatements, disregarding commonly known facts.**

Statements:
All boats are rivers.
All rivers are mangoes.
All mangoes are apples.
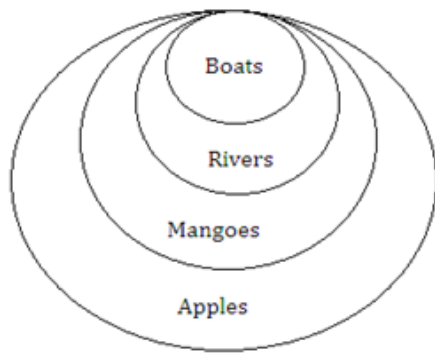**Conclusions:**
I. All apples are boats.
II. All mangoes are boats.
III. All rivers are apples.
IV. All boats are apples.

   a. All follow
   b. Only I and II follow
   c. Only I, III and IV follow
   d. Only II, III and IV follow
   e. None of these ✔

Not Attempt   **Correct Ans.**   e

Essay for Question No.   **16**

Directions (16-20): Study the following information to answer the given questions.

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement.

Input: cool 17 2 fog 4 morning 16 wet 14 36 dense
Step I: wet 4 cool 172 fog morning 16 14 36 dense
Step II: wet 4 morning 16 cool 17 2 fog 14 36 dense
Step III: wet4 morning 16 fog36 cool 172 14dense
Step IV: wet 4 morning 16 fog 36 dense 2 cool 17 14
Step V: wet 4 morning 16 fog 36 dense 2 cool 14 17
Step VI is the last step for this input.

As per the rules followed in the above steps, find out in each of the following questions the steps for the input given below.

Input: chilled 64 86 noise 25 wind ground 31 just 81 thunder 54

Q. No	Question Status
Q.16	**Which of the following will be the last step of the rearrangement?**

    a. IV
    b. V ✔
    c. VI
    d. VII
    e. None of these

Not Attempt   **Correct Ans.**   **b**

Solution.   **Directions (16-20):**
Input: Chilled 64, 86, noise 25 wind, ground,
32 just 81 thunder 54
Logic: 1- wind, 25, chilled, 64, 86, noise, ground,
31, just, 81, thunder, 54
Logic:2- Wind, 25 thunder, 64, chilled, 86, noise,
ground, 31, just, 81, 54
Logic:3- wind, 25, thunder, 64, noise, 81, chilled,
86, ground, 31, just, 54
Logic:4- wind, 25, thunder, 64, noise, 81 ,just ,31,chilled, 86, ground, 54
Logic:5- Wind, 25, thunder, 64, noise, 81, just,
31, ground, 54, chilled, 86.

Q.17	Which of the following is at 6th position from the right in step IV?

    a. 81
    b. ground
    c. 31
    d. just ✔
    e. None of these

Not Attempt | **Correct Ans.** | **d**

Solution. | **-NA-**

Q.18	Which of the following would be step V?

    a. wind 25 thunder 64 noise 81 just 31 ground 54 chilled 86 ✔
    b. wind 25 thunder 64 noisejust 3 1 81 ground 54 chilled 86
    c. wind 25 thunder 64 just 81 noise 31 ground chilled 54 86
    d. wind 25 thunder 64 just 81 31 ground noise chilled 54 86
    e. None of these

Not Attempt | **Correct Ans.** | **a**

Solution. | **-NA-**

Q.19	Which step number would be the following output? - wind 25 thunder 64 noise 81 chilled 86 ground 31 just 54

    a. II
    b. III ✔
    c. IV
    d. V
    e. There will be no such step

Not Attempt | **Correct Ans.** | **b**

Solution. | **-NA-**

Q.20	In step IV of the rearrangement, if 'just' is related to '86'and '25' is is related to 'noise' in a certain way, which ofthe following would 'chilled'be related to, following thesame pattem?

    a. 31
    b. ground
    c. 54 ✔
    d. 86
    e. None of these

Not Attempt | **Correct Ans.** | **c**

Solution. | **-NA-**

Q. No	Question Status
Q.21	Directions (21-24): Study the following informationto answer the given questions. In a National Film

Award function, seven awardees, viz P, Q, R, S, T, V and W, are invited to receive awards for achievements in their fields. The awardees have to sit on thedias in a row. Two of the awardees—-P and W—are co-hostingthe function also. So, they must be seated at the extremeright. Q, the recipient of ' Best Actor of the Year' award, mustsit at the central position. R and S are bitter rivals and,therefore, they must be seated as far from each other aspossible.

Q- Which of the following pairs cannot be seated together?

    a. R and V
    b. Q and S
    c. S and W
    d. P and T ✔
    e. Can't be determined

Not Attempt   **Correct Ans.**   **d**

Solution.   **-NA-**

Q.22

Directions (21-24): Study the following informationto answer the given questions. In a National Film Award function, seven awardees, viz P, Q, R, S, T, V and W, are invited to receive awards for achievements in their fields. The awardees have to sit on thedias in a row. Two of the awardees—-P and W—are co-hostingthe function also. So, they must be seated at the extremeright. Q, the recipient of ' Best Actor of the Year' award, mustsit at the central position. R and S are bitter rivals and,therefore, they must be seated as far from each other aspossible.

Q- Which of the following cannot be seated at either end?

    a. R
    b. S
    c. W
    d. T ✔
    e. Can't be determined

Not Attempt   **Correct Ans.**   **d**

Solution.   **-NA-**

Q.23

Directions (21-24): Study the following informationto answer the given questions. In a National Film Award function, seven awardees, viz P, Q, R, S, T, V and W, are invited to receive awards for achievements in their fields. The awardees have to sit on thedias in a row. Two of the awardees—-P and W—are co-hostingthe function also. So, they must be seated at the extremeright. Q, the recipient of ' Best Actor of the Year' award, mustsit at the central position. R and S are bitter rivals and,therefore, they must be seated as far from each other aspossible.

Q- Which of the following pairs cannot occupy the seatson either side of Q?

    a. S and T
    b. T and W ✔
    c. V and S
    d. Can't be determined
    e. none of these

Not Attempt   **Correct Ans.**   **b**

Solution.   -NA-

Q.24

Directions (21-24): Study the following informationto answer the given questions. In a National Film Award function, seven awardees, viz P, Q, R, S, T, V and W, are invited to receive awards for achievements in their fields. The awardees have to sit on thedias in a row. Two of the awardees—-P and W—are co-hostingthe function also. So, they must be seated at the extremeright. Q, the recipient of 'Best Actor of the Year' award, mustsit at the central position. R and S are bitter rivals and,therefore, they must be seated as far from each other aspossible.

Q- What can be the position of R from the right end?

    a. Third
    b. Fourth
    c. Seventh
    d. Third or seventh ✓
    e. Can't be determined

Not Attempt | **Correct Ans.** | d

Solution.

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R   T   V   Q   S   P   W
            OR
S   V   T   Q   R   W   P
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Q.25

Directions (25-29): Read the following informationto answer the given questions.
In a certain code language, 'India will lose test series' is written as 'mo ra tic da su', 'Australia will be champion' is written as 'dic da phi cha', 'Australia win the series' is written as 'pa phi mo ki', 'India must win' is written as 'la ki tic' and' test champion' is written as 'dic ra'.

Q- What is the code for 'lose'?

    a. mo
    b. ra
    c. tic
    d. su ✓
    e. da

Not Attempt | **Correct Ans.** | d

Solution.   **Directions (25-29):**

India	→	tic
Will	→	da
Loss	→	SU
Test	→	ra
Series	→	mo
Australia	→	Phi
Be	→	Cha
Champion	→	dic
Win	→	Ki
The	→	Pa
Must	→	la

Q.26

Directions (25-29): Read the following informationto answer the given questions.
In a certain code language, 'India will lose test series' is written as 'mo ra tic da su', 'Australia will be

champion' is written as 'dic da phi cha', 'Australia win the series' is written as 'pa phi mo ki', 'India must win' is written as 'la ki tic' and' test champion' is written as 'dic ra'.

Q- What does 'be' stand for?

   a. phi
   b. mo
   c. dic
   d. cha ✔
   e. Can't be determined

Not Attempt | **Correct Ans.** | **d**

Solution. | **-NA-**

Q.27 | Directions (25-29): Read the following information to answer the given questions.
In a certain code language, 'India will lose test series' is written as 'mo ra tic da su', 'Australia will be champion' is written as 'dic da phi cha', 'Australia win the series' is written as 'pa phi mo ki', 'India must win' is written as 'la ki tic' and' test champion' is written as 'dic ra'.

Q- Which of the following is the code for 'Australia must test ' ?

   a. ra la cha
   b. phi la ra ✔
   c. la phi dic
   d. phi dic ra
   e. None of these

Not Attempt | **Correct Ans.** | **b**

Solution. | **-NA-**

Q.28 | Directions (25-29): Read the following information to answer the given questions.
In a certain code language, 'India will lose test series' is written as 'mo ra tic da su', 'Australia will be champion' is written as 'dic da phi cha', 'Australia win the series' is written as 'pa phi mo ki', 'India must win' is written as 'la ki tic' and' test champion' is written as 'dic ra'.

Q- 'ki ra tic' could be a code for which of the following?

   a. India win series
   b. India must lose
   c. India win test ✔
   d. must be win
   e. None of these

Not Attempt | **Correct Ans.** | **c**

Solution. | **-NA-**

Q.29 | Directions (25-29): Read the following information to answer the given questions.
In a certain code language, 'India will lose test series' is written as 'mo ra tic da su', 'Australia will be champion' is written as 'dic da phi cha', 'Australia win the series' is written as 'pa phi mo ki', 'India must win' is written as 'la ki tic' and' test champion' is written as 'dic ra'.

Q- Which of the following represents 'Australia never lose series'?

    a. su phi go cha
    b. phi su go mo ✔
    c. su da mo na
    d. phi cha go ki
    e. None of these

Not Attempt | **Correct Ans.** | **b**

Solution. | **-NA-**

Q.30

Directions (30-32): Study the following letter/number series carefully and answer the questions given below it.

W37HJQT5 1 2GK4FPT6LBE94DMR82V

Q- If the numbers from the first half of the sequence are dropped, which letter/number will be fifth to the right of sixth letter/number from the left?

    a. 6 ✔
    b. T
    c. Q
    d. J
    e. None of these

Not Attempt | **Correct Ans.** | **a**

Solution. | **-NA-**

Q.31

Directions (30-32): Study the following letter/number series carefully and answer the questions given below it.

W37HJQT5 1 2GK4FPT6LBE94DMR82V

Q- How many such letters are there in the sequence which are immediately followed by a number and immediately preceded by a letter?

    a. Four
    b. Two
    c. Three
    d. Five ✔
    e. None of these

Not Attempt | **Correct Ans.** | **d**

Solution. | **-NA-**

Q.32

Directions (30-32): Study the following letter/number series carefully and answer the questions given below it.

W37HJQT5 1 2GK4FPT6LBE94DMR82V

Q- Four of the following five are alike in a certain way on the basis of their position in the sequence and so form agroup. Which is the one that does not belong to the group?

    a. WVH

    b. JMI ✔

    c. HRT

    d. 78Q

    e. 59G

Not Attempt | **Correct Ans.** | **b**

Solution. | -NA-

Q.33

Directions (33-35):Read the following information and answer the questions given below.

(i) Rajiv, medical representative (M, R),has to meet 7 doctors M, N, O, P, Q, R and S on a particular day between 9 am and 4 pm.

(ii) He takes 30 minutes with each doctor and keeps a gap of 25 minutes between two appointments for travel and preparation except after 5th visit, when he takes 50 minutes' break for lunch, travel and preparation.

(iii) He has to meet doctor M immediately before Q butimmediately after R, who is the third doctor to be met.

(iv) 'S' does not give time for M.R. before 9.30 am and after 10.30 am. 'P' and 'N' meet MR between 2 pmand 3.30 pm only.

Q- Who among the following is likely to be the first doctor of that day?

    a. S

    b. O ✔

    c. R

    d. Q

    e. None of these

Not Attempt | **Correct Ans.** | **b**

Solution. Directions (33-35):

S.No	Doctors Name	Time & Meeting	Group (in Minutes)
1	O	9: 00 AM - 9 : 30 AM	25 m
2	S	9: 55 AM - 10 : 25 AM	25 m
3	R	10: 50 AM - 11 : 20 AM	25m
4	M	11: 45 AM - 12 : 15 PM	25m
5	Q	12 : 40 PM - 1 : 10 PM	50m
6	N/P	2 : 00 PM - 2 : 30 PM	25m
7	P/N	2 : 55 PM - 3 : 25 PM	___

Q.34

Directions (33-35):Read the following information and answer the questions given below.

(i) Rajiv, medical representative (M, R),has to meet 7 doctors M, N, O, P, Q, R and S on a particular day between 9 am and 4 pm.

(ii) He takes 30 minutes with each doctor and keeps a gap of 25 minutes between two appointments for travel and preparation except after 5th visit, when he takes 50 minutes' break for lunch, travel and preparation.

(iii) He has to meet doctor M immediately before Q butimmediately after R, who is the third doctor to be met.

(iv) 'S' does not give time for M.R. before 9.30 am and after 10.30 am. 'P' and 'N' meet MR between 2 pmand 3.30 pm only.

Q- Who will be the last doctor to be visited by him on that day?

    a. N
    b. P
    c. Either N or P ✔
    d. Data inadequate
    e. none of these

Not Attempt | **Correct Ans.** | **c**

Solution. | **-NA-**

Q.35

Directions (33-35): Read the following information and answer the questions given below.

(i) Rajiv, medical representative (M, R),has to meet 7 doctors M, N, O, P, Q, R and S on a particular day between 9 am and 4 pm.

(ii) He takes 30 minutes with each doctor and keeps a gap of 25 minutes between two appointments for travel and preparation except after 5th visit, when he takes 50 minutes' break for lunch, travel and preparation.

(iii) He has to meet doctor M immediately before Q butimmediately after R, who is the third doctor to be met.

(iv) 'S' does not give time for M.R. before 9.30 am and after 10.30 am. 'P' and 'N' meet MR between 2 pmand 3.30 pm only.

Q- At what time is he likely to meet doctor 'S'?

    a. 9.55 am ✔
    b. 9.30 am
    c. 9 am
    d. Data inadequate
    e. none of these

Not Attempt | **Correct Ans.** | **a**

Solution. | **-NA-**

Q.36

Direction (36-40): What value should come in place of question mark (?) in the following questions?

$$\sqrt{(46656)^{\frac{1}{3}} + \sqrt{462.25}} = \sqrt{(?)}$$

    a. 702.25 ✘
    b. 812.25
    c. 756.25 ✔
    d. 746.25
    e. None of these

| Attempt | Incorrect | Your Ans. | a | Correct Ans. | c |

Solution.   -NA-

Q.37

Direction (36-40): What value should come in place of question mark (?) in the following questions?

$\frac{1}{2}$ of $42\frac{6}{7}$% of $71\frac{3}{7}$% of 4116 = ?

a. 245
b. 630 ✔
c. 205
d. 215
e. None of these

| Not Attempt | Correct Ans. | b |

Solution.   -NA-

Q.38

Direction (36-40): What value should come in place of question mark (?) in the following questions?

Q- 88% of 1500 + 75% of 340 = ?% of 630

a. 205
b. 250 ✔
c. 235
d. 225
e. 215

| Not Attempt | Correct Ans. | b |

Solution.   -NA-

Q.39

Direction (36-40): What value should come in place of question mark (?) in the following questions?

$\{6^{3.6} \div (36)^{-4.2}\}^{\frac{1}{4}} = \sqrt{?}$

a. 46566
b. 46626
c. 46256
d. 46656 ✔
e. 46216

| Not Attempt | Correct Ans. | d |

Solution.   -NA-

Q.40

Direction (36-40): What value should come in place of question mark (?) in the following questions?

$\sqrt{32041} \times \sqrt{3364} - (56)^2 = 387 + (?)^3$

a. 27
b. 17
c. 19 ✔
d. 13
e. 14

| Not Attempt | Correct Ans. | c |

Solution.   -NA-

Essay for Question No.   **41**

Directions (41-45): Study the table below and answer the questions that follow:

Oil import from different countries over the years (in million tonnes)

COUNTRY	2007-08	2008-09	2009-10	2010-11	2011-12
Saudi Arabia	28.8	29.9	27.2	27.4	32.6
Iran	20.5	21.8	21.2	18.5	17.5
Iraq	15.8	14.4	15.0	17.2	24.6
Nigeria	11.6	10.5	13.2	15.9	14.2
Kuwait	13.9	14.8	11.8	11.5	17.8
Venezuela	7.2	7.6	7.3	10.3	9.6

Q. No	Question Status

Q.41   What is the ratio of average of imports from Iraq to that from Venezuela for all the years?

    a. 14 : 29

    b. 29 : 14 ✔

    c. 39 : 23

    d. 23 : 39

    e. None of these ✖

Attempt | **Incorrect** | **Your Ans.** | **e** | **Correct Ans.** | **b**

Solution.

(2) Average oil import from Iraq $= \dfrac{57}{5} = 17.4$

Average oil import from Venezuela $= \dfrac{42}{5} = 8.4$

$\therefore$ Ratio $= \dfrac{17.4}{8.4} = 29 : 14$

Q.42   In which of the following years is the percentage increase/decrease in oil import from Nigeria the maximum?

    a. 2008-09

    b. 2010-11

    c. 2009-10 ✔

    d. 2011-12

    e. None of these

Not Attempt | **Correct Ans.** | **c**

Solution.   (3) 2009-10 oil import from Nigeria is max with respect to its previous years.

Q.43   What is the approximate percentage of oil import from Iran in the year 2009-10 with respect to total oil import in all the years together?

    a. 20%

    b. 23%

    c. 21% ✔

    d. 25%

    e. None of these

Not Attempt | **Correct Ans.** | **c**

(3) Reqd. $= \dfrac{21.2}{20.5+21.8+21.2+18.5+17.5} \times 100$

$= \dfrac{21.2}{99.5} \times 100 = 21.38 \approx 21\%$

Q.44 What is the approximate average of percentage increase or decrease in oil import from Kuwait over its previous year for the given period?

    a. 4%

    b. 5%

    c. 15%

    d. 21% ✔

    e. None of these

Not Attempt | **Correct Ans.** | **d**

Solution.

(4) $\dfrac{0.9}{13.4} \times 100 + \dfrac{3}{14.8} \times 100 + \dfrac{0.3}{11.8} \times 100 + \dfrac{6.3}{11.5} \times 100$

$= 6.4+20.27+2.54+54.78$

Average $= \dfrac{6.4+20.27+2.54+54.78}{4} = 21\%$

Q.45 Average oil import from all the countries in the year 2011-12 is approximately what percentage of that in the year 2009-10?

    a. 21%

    b. 15%

    c. 115%

    d. 121% ✔

    e. None of these

Not Attempt | **Correct Ans.** | **d**

Solution. (4) Average in 2011-12 = 19.38 million tonnes
Average in 2009-10 = 15.95 million tonnes.
Percentage = (19.38/15.95) x 100 = 121.50% ≈121%

Q. No	Question Status
Q.46	Directions (46-50): In each of these questions a number series is given. In each series only one number is wrong. Find out the wrong number.

1716   1320   1000 720   504   336   210

    a. 720

    b. 504

    c. 1000 ✔

    d. 210

    e. 336

Not Attempt | **Correct Ans.** | **c**

Solution. (3) The series is $(12^3 - 12)$, $(11^3 - 11)$, $(10^3 - 10)$, $(9^3 - 9)$, $(8^3 - 8)$, $(7^3 - 7)$, $(6^3 - 6)$, ...
The should be 990 in place of 1000.

Q.47 Directions (46-50): In each of these questions a number series is given. In each series only one number is wrong. Find out the wrong number.
1217   1083   957   833   720   618   524

a. 720
b. 833 ✔
c. 618
d. 524
e. 957

Not Attempt | **Correct Ans.** | **b**

Solution.
(2) The series is $35^2 - (3+5)$, $33^2 - (3+3)$, $31^2 - (3+1)$, $29^2 - (2+9)$, $27^2 - (2+7)$, $25^2 - (2+5)$, $23^2 - (2+3)$ ..
There should be 830 in place of 833.

Q.48 **Directions (46-50): In each of these questions a number series is given. In each series only one number is wrong. Find out the wrong number.**
16 47 199 771 2283 4585 4581

a. 4581
b. 199
c. 4585
d. 2283 ✔
e. 771

Not Attempt | **Correct Ans.** | **d**

Solution.
(4) The series is $16 \times 6 - 7^2$, $47 \times 5 - 6^2$, $199 \times 4 - 5^2$, $771 \times 3 - 4^2$, $2297 \times 2 - 3^2$, $4585 \times 1 - 2^2$
There should be 2297 in place of 2283.

Q.49 **Directions (46-50): In each of these questions a number series is given. In each series only one number is wrong. Find out the wrong number.**
2769 2213 1737 1335 1000 810 576

a. 810
b. 1335
c. 2213
d. 576
e. 1000 ✔

Not Attempt | **Correct Ans.** | **e**

Solution.
(5) The series $14^3+(1+4)^2$, $13^3 + (1+3)^2$, $12^3+(1+2)^2$, $11^3+(1+1)^2$, $10^3+(1+0)^2$, $9^3+(9+0)^2$, 8^3+8^2
There should be 1001 in place of 10001.

Q.50 **Directions (46-50): In each of these questions a number series is given. In each series only one number is wrong. Find out the wrong number.**
165 286 363 396 385 350 231

a. 350 ✔
b. 363
c. 396
d. 231
e. 286

Not Attempt | **Correct Ans.** | **a**

Solution.   **(1) The series is 15 x 11, 13 x 22, 11 x 33, 9 x 44, 7 x 55, 5 x 66, 3 x 77.**

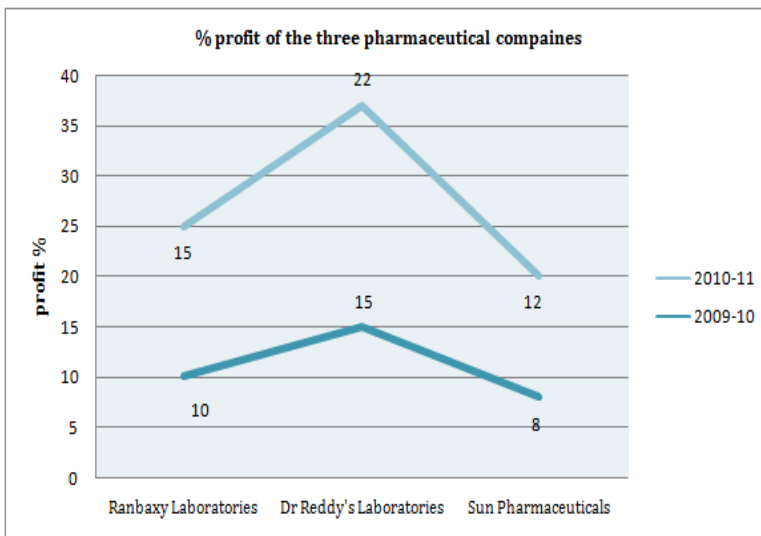**There should be 330 in place of 350.**

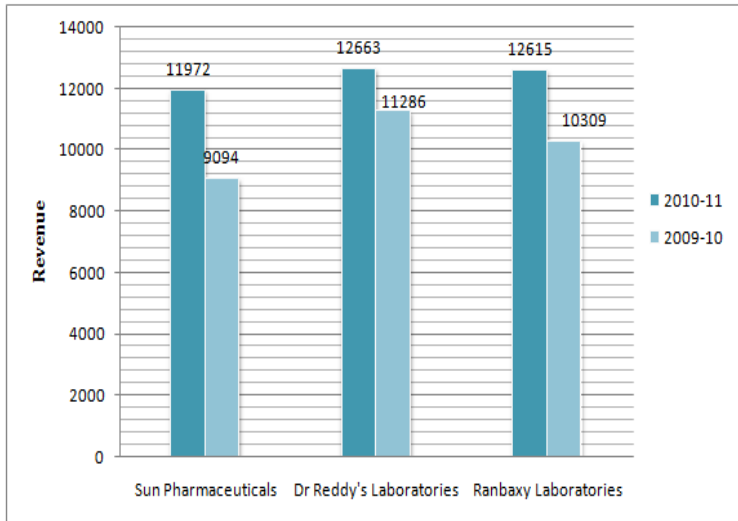**Essay for Question No.**   **51**

Directions (51-55): Study the graph below and answer the questions that follow:

Revenue of top three Indian pharmaceutical companies in FY 2009-10 and 2010-11 in Rscrore)

Q. No	Question Status
Q.51	**What is the approximate difference (in Rs) between the average revenue of all the three pharma companies in the year 2009-10 and that in 2010-11.** a. 1500 crore b. 2187 crore ✔ c. 1987 crore d. 1438 crore e. None of these
	Not Attempt **Correct Ans.** **b**

(2) Revenues of all three companies in FY 2009-10

$$= \frac{10309+11286+9094}{3} = 10229.66 \text{ crore}$$

Again,

Revenues of all three companies in FY 2010-11

$$= \frac{12615+12663+11972}{3} = 1241.66 \text{ crore}$$

∴ Difference in revenues = 2187 crore

Q.52   **What is the approximate difference in expenditure (in Rs) of Dr. Reddy's and the Sun pharma in the FY 2009-10?**

    a. 1400 crore

    b. 1349 crore

    c. 1394 crore ✔

    d. 1450 crore

    e. 286 crore

Not Attempt | **Correct Ans.** | **c**

Solution.   (3) Dr. Reddy's expenditure in FY 2009-10

$$= \frac{11286}{1.15} = 9813.9 \text{ crore}$$

Again,

Expenditure of Sun Pharmaceuticals in FY 2009-10

$$= \frac{9094}{1.08} = 8420.37 \text{ crore}$$

∴ Difference = 1393.53 crore ≈ 1394

Q.53   **What is the difference (in Rs) between the revenues generated by all the three pharma companies in the FY 2009-10 and 2010-11?**

    a. 9224 crore

    b. 9000 crore

    c. 8665 crore

    d. 6561 crore ✔

    e. Can't be determined

Not Attempt | **Correct Ans.** | **d**

Solution.

(4) Revenue of all three pharma companies in FY 2009-10

= 9094+11286+10309=30689 crore

Revenue of all three pharma companies in FY 2010-11 = 11972+12663+12615=37250 crore

∴ Difference = 37250 − 30689 = 6561 crore

Q.54   **What is the percentage of revenue of Sun Pharmaceuticals with respect to ttotal revenue of all three companies in FY 2010-11?**

    a. 25.87%

    b. 27.89%

    c. 28.30%

    d. 32.14% ✔

    e. 29.08%

Not Attempt | **Correct Ans.** | **d**

Solution. (4) According to the question,

Reqd. % $= \dfrac{11972}{12615+12663+11972} \times 100$

$= \dfrac{11972}{37250} \times 100 = 32.14\%$

Q.55 **What is the approximate increase/decrease in expenditure (in Rs) of Ranbazy Laboratories in the FY 2010-11 over its previous year?**

    a. 1598 crore ✔

    b. 1648 crore

    c. 1545 crore

    d. 1608 crore

    e. Can't be determined

Not Attempt   **Correct Ans.**   **a**

Solution. (1) Expenditure of Ranbaxy Laboratories in FY 2010-11 $= \dfrac{12615}{1.15} = 10969.56$

Expenditure in FY 2009-10 $= \dfrac{10309}{1.1} = 9371.81$

Difference in expenditure in the given year

$= 10969.56 - 9371.81$

$= 1597.75 \approx 1598$

Q. No	Question Status

Q.56 **Directions (56-60): In each of these questions, two equation (I) and (II) are given. You have to solve both the equations and give answer**

I. $x^2 - 2x - 15 = 0$

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

    a. if $x > y$

    b. if $x \geq y$ ✔

    c. if $x < y$

    d. if $x \leq y$

    e. if $x = y$ or no relation can be established between x and y

Not Attempt   **Correct Ans.**   **b**

Solution. (2)

I. $x = 5, -3$

II. $y = -3, -2$

$\therefore x \geq y$

Q.57 **Directions (56-60): In each of these questions, two equation (I) and (II) are given. You have to solve both the equations and give answer**

I. $x^2 - x - 12 = 0$

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

    a. if $x > y$

    b. if $x \geq y$

    c. if $x < y$

    d. if $x \leq y$

e. if x = y or no relation can be established between x and y ✔

Not Attempt	Correct Ans.	e

Solution. **(5)**
I. x = 4, - 3
II. y = 2, 1

Q.58 **Directions (56-60): In each of these questions, two equation (I) and (II) are given. You have to solve both the equations and give answer**

I. $x - \sqrt{169} = 0$
II. $y^2 - 169 = 0$

a. if x > y
b. if x ≥ y ✔
c. if x ≥ y
d. if x ≤ y
e. if x = y or no relation can be established between x and y

Not Attempt	Correct Ans.	b

Solution. **(2)**
I. x = 13
II. y = ± 13

Q.59 **Directions (56-60): In each of these questions, two equation (I) and (II) are given. You have to solve both the equations and give answer**

I. $x^2 - 32 = 112$
II. $y - \sqrt{256} = 0$

a. if x > y
b. if x ≥ y
c. if x < y ✔
d. if x ≤ y
e. if x = y or no relation can be established between x and y

Not Attempt	Correct Ans.	c

Solution. (3) I. x = ± 12
II. y = 16

Q.60 **Directions (56-60): In each of these questions, two equation (I) and (II) are given. You have to solve both the equations and give answer**

I. x²-25=0
II. y²-9y+20=0

a. if x > y
b. if x ≥ y
c. if x < y
d. if x ≤ y
e. if x = y or no relation can be established between x and y ✔

| Not Attempt | Correct Ans. | e |

Solution.   (5) I. $x = \pm 5$
                II. $y = 5, 4$

Q.61 **The profit earned after selling an article for Rs. 625 is the same as the loss incurred after selling the article for Rs. 435. What is the cost price of the article?**

    a. Rs. 530 ✔
    b. Rs. 520
    c. Rs. 540
    d. Rs. 550
    e. None of these

| Not Attempt | Correct Ans. | a |

Solution.   (1) Here,
$625 - x = 435 + x$
Or, $2x = 625 - 435$
$\therefore x = \dfrac{190}{2} = 95$
Hence, the cost price of the article = 435 + 95 = Rs. 530

Q.62 **A sum of Rs. 817 is divided among A, B and C such that 'A' receives 25% more than 'B' and 'B' receives 25% less than 'C'. What is A's share in the amount?**

    a. Rs. 228
    b. Rs. 247
    c. Rs. 285 ✔
    d. Rs. 304
    e. None of these

| Not Attempt | Correct Ans. | c |

Solution.   (3) Here A : B = 125 : 100 = 5 : 4
B : C = 75 : 100 = 3 : 4

A	:	B	:	C
5	:	4		
		3	:	4
5x3	:	4x3	:	4x4
i.e. 15	:	12	:	16

$\therefore$ A's share $= \dfrac{15}{(15+12+16)} \times 817 =$ Rs. 285

Q.63 **Ms.Sujata invests 7% i.e. Rs. 2170, of her monthly salary in mutual funds. Later she invests 18% of her monthly salary in recurring deposits. Also, she invests 6% of her salary on NSC's. What is the total annual amount invested by Ms.Sujata?**

    a. Rs. 1,25,320
    b. Rs. 1,13,520
    c. Rs. 1,35,120
    d. Rs. 1,15,320 ✔
    e. None of these

| Not Attempt | Correct Ans. | d |

Solution.   (4) We have
7% of Sujata's monthly salary = Rs. 2170

∴ (7 + 18 +6)% of Sujata's monthly salary

$= \frac{2170}{7} \times 31 = $ Rs. 9610

Thus total annual amount invested by Sujata

= 9610 x 12 = Rs. 1,15,320

Q.64   **What is 30% of 40% of 2/5 of 2500?**

a. 500
b. 400
c. 360
d. 120 ✔
e. None of these

| Not Attempt | Correct Ans. | d |

Solution.   (4) $\frac{30}{100} \times \frac{40}{100} \times \frac{2}{5} \times 2500 = 120$

Q.65   **A, B, C and D are four consecutive even numbers respectively and their average is 65. What is the product of A and D?**

a. 3968
b. 4216 ✔
c. 4092
d. 4352
e. None of these

| Not Attempt | Correct Ans. | b |

Solution.   (2) We have,
$= \frac{x+(x+2)+(x+4)+(x+6)}{4} = 65$
∴ x +62 and x+6 = 68
Now,
Required value of x (x+6) = 62 x 68 = 4216

Q.66   **The sum of five numbers is 555. The average of the first two numbers is 75 and the third number is 115. What is the average of the last two numbers?**

a. 145 ✔
b. 290
c. 265
d. 150
e. None of these

| Not Attempt | Correct Ans. | a |

Solution. (1) Sum of the last two numbers
= 555 − (75×2) − 115= 290

Thus, required average $= \dfrac{290}{2} = 145$

Q.67   A car covers the first 35 km of its journey in 45 minutes and the remaining 69 km in 75 minutes. What is the average speed of the car?

     a. 42 km/hr.
     b. 50 km/hr.
     c. 52 km/hr. ✔
     d. 60 km/hr.
     e. None of these

Not Attempt   **Correct Ans.**   **c**

Solution. (3) Required average speed

$= \dfrac{\frac{(35+69)}{(45+75)}}{60} = \dfrac{104 \times 60}{120} = 52$ km/hr.

Q.68   In how many different ways can the letters of the word 'PRIDE' be arranged?

     a. 60
     b. 120 ✔
     c. 15
     d. 360
     e. None of these

Not Attempt   **Correct Ans.**   **b**

Solution. (2) Required number of ways = 5! = 120

Q.69   If the numerator of a fraction is increased by 250% and the denominator by 400%, the resultant fraction is 7/19. What is the original fraction?

     a. 10/19 ✔
     b. 5/9
     c. 9/5
     d. 19/7
     e. None of these

Not Attempt   **Correct Ans.**   **a**

Solution. (1) Go through the given options.

$= \dfrac{10 \times \frac{350}{100}}{19 \times \frac{500}{100}} = \dfrac{10 \times 35}{19 \times 50} = \dfrac{7}{19}$

Q.70   The ages of Samir and Tanuj are in the ratio of 8 : 15 years respectively. After 9 years the ratio of their ages will be 11 : 18. What is the difference in years between their ages?

     a. 24 years
     b. 20 years
     c. 33 years

d. 21 years ✓
e. None of these

| Not Attempt | Correct Ans. | d |

Solution. (4) We have

$$=\frac{(8k+9)}{(15k+9)}=\frac{11}{8}$$

Or, 114k + 162 = 165k + 99 or, 21k = 63

∴ k = 3

∴ Hence, required difference = (15-8) x 3 =21

Essay for Question No.   **71**

Directions (71-80): Read the following passage carefully and answer the questions given below it. Certain words have been printed in bold to help you locate item while answering some of the questions.

It was in the offing. With shortages mounting across the board for water as they are for energy, it was only inevitable that the Central government would be stirred into starting a Bureau of Water Efficiency (BWE), much like the Bureau of Energy Efficiency (BEE) that was launched some years ago.

Early reports suggest that the draft norms for various sectors consuming water will be created by the BWE soon. The alarm bells have been ringing for some years now. Water availability per capita in India has fallen from about 5 million liters in the 1950s to 1.3 million liters in 2010 —that's a staggering 75 per cent drop in 50 years. Nearly 60 per cent of India's aquifers have slumped to critical levels in just last 15 years. The rate at which bore wells are being plunged in every city with no law to ban such extraction, ground water tables have depleted alarmingly.

The BEE's efforts in the last seven years have only been cosmetic. The bureau has looked at efficiency rating systems for white goods in the domestic sector, and has not paid attention to the massive consumption of energy in metals manufacture, paper and textiles. These sectors are very intense in both energy and water consumption. But very little attention has been paid to the water and energy used per ton of steel or cement or aluminium that we buy, and without significant changes in these areas, the overall situation is unlikely to change.

Use of water is inextricably interlinked with energy. One does not exist without the other. The BWE should steer clear of the early mistakes of BEE — of focusing on the 'softer targets' in the domestic sector. Nearly 80 per cent of fresh water is used by agriculture, with industry coming a close second. The domestic sector's consumption of fresh water is in single digits. So the BWE's priority should be to look at measures that will get farmers and industrialists to follow good practices in water use. Water resources have to be made, by law, an indivisible national asset. The protection and withdrawal of this resource, as well as its sustainable development are of general importance and therefore, in the public interest. This will mean that individuals and organisations may own land but not water or the other resources that lie below the first 20 meters of the surface of those lands. Drilling of bore wells into such 'national assets' will have to be banned, or at the very least, they must be regulated. What would be more sensible for the new water bureau to do would be to look at some of the low-hanging fruits that can be
plucked, and pretty quickly, with laws that can emanate from the Centre, without the risk of either dilution or inaction from state administrations. The other tactical approach that the BWE can adopt is to devise a policy that addresses the serious water challenge in industry segments across a swathe of companies: this will be easier than taking on the more disparate domestic sector which hurts the water crisis less than industry. Implementing a law is more feasible when the concentration is dense, and identifiable. Industry offers this advantage more than the domestic or the commercial sector of hotels and offices.

As for agriculture, though the country's water requirement is as high as 80 per cent, the growing of water within the loop in agriculture de-risks the challenge of any perceived deficit. Rice, wheat, sugarcane are crops that need water-logging, which ensures groundwater restoration. Surface water evaporation doesn't amount to any more than 7-8 per cent and only strengthens precipitation and rainfall. Agriculture and water need is not quite as much a threat as industry and domestic sectors that account for the rest of the 20 per cent.

The primary challenge in industry and the building sector is that no conscious legal measures have been enacted that stipulate 'growing your own water' with measures that will 'put all water in a loop' in any residential or commercial building,

This involves treating all 1110 water to a grade that it can be 'upcyled' for use in flush tanks and for gardens across all our cities with the polluter owning the responsibility for treating and for reuse. The drop in fresh water demand can be dramatic with such upcycle, reuse, and recycle of treated water. Water by itself in industry and the domestic sector, is not as much a challenge as pollution of water. Not enough measures exist yet to ensure that such polluters shift the water back for reuse. If legislation can ensure that water is treated and reused for specific purposes within industry as well as in the domestic sector, this will make all the difference to the crisis on fresh water.

So is the case in industry, especially in sectors like textiles, aluminium and steel. Agriculture offers us the amusing irony of the educated urbanites dependent on cereals like rice and wheat that consume 4000 liters of water for every kg, while the farmer lives on the more nutritious millets that consume less than half the quantity. Sugarcane consumes as much as 12,000 liters of water for a kilo of cane that you buy.

A listing of such correlations of water used by every product that we use in our daily lives will make much better sense than any elaborate rating system from the newly formed BWE. Such sensitizing with concerted awareness campaigns that the new Bureau drives will impact the urban consumer more than all the research findings that experts can present. What is important for us is to understand the life-cycle impact in a way that we see the connection between a product that we use and the resources it utilizes up to the point where we bring the visible connection to destruction of natural resources of our ecosystems.

Q. No	Question Status
Q.71	**Which of the following, according to the author, is/are the indication (s) of a water crisis?** **(i) Many agrarian areas in the country are facing a drought-like situation.** **(ii) Almost three-fifth of the naturally available water has been reduced to a very critical level in a relatively short span of time.** **(iii) There has been a significant drop in the availability of water over the past fifty years** a. Only (ii) b. Only (i) and (iii) c. Only (iii) d. Only (ii) and (iii) ✔ e. All (i), (ii) and (iii) **Not Attempt** | **Correct Ans.** d **Solution.** -NA-
Q.72	**What does "low-hanging fruits that can be plucked, and pretty quickly" mean in the context of the passage?** a. The bureau should employ the cheapest methods possible to effectively control the current situation of improper usage of water resources. b. The bureau should target the industrial sector as well as the domestic sector to reduce water wastage. c. The bureau should target the agricultural sector only for producing quick results in reducing wastage of water. d. The bureau should ensure that all the state officials concerned with the measures are actively involved. e. The bureau should start with adopting measures which are simple to execute and produce immediate results in reducing water wastage. ✔ **Not Attempt** | **Correct Ans.** e **Solution.** -NA-
Q.73	**Why, according to the author, is the water consumption for agricultural activities the least risky?**

a. Proportion of water consumed for agricultural activities is much less as compared to that consumed for domestic and industrial purposes.

b. Most farmers are aware of the popular methods of water conservation and hence do not allow wastage of water.

c. Water is fairly recycled through groundwater restoration due to water-logging and surface water evaporation. ✔

d. Farmers in India mostly cultivate crops that require less amount of water.

e. None of these

Not Attempt | **Correct Ans.** | c

Solution. | -NA-

Q.74   **Which of the following is possibly the most appropriate title for the passage?**

a. Water Challenges in the New Millennium

b. The Bureau of Water Efficiency vs the Bureau of Energy Efficiency

c. Unchecked Urban Consumption of Water

d. Challenges of the Agricultural Sector and Water Resources

e. The Route to Conservation of Water Resources ✔

Not Attempt | **Correct Ans.** | e

Solution. | -NA-

Q.75   **How, according to the author, can the bureau sensitize the urban consumer about careful utilization of water?**

a. By encouraging them to consume more rice instead of millets daily and thereby reduce the amount of water consumption

b. By providing them more insight into the water consumption cycle of the textile, aluminium and steel industries

c. By making them aware of the linkages between water consumption for daily activities and the resource utilization and subsequent ecological destruction associated with it ✔

d. By publishing research findings of experts in popular media whereby people gain awareness on the impact of water misuse

e. By conducting elaborate drives which notify the urban population about the penalties levied on misuse of water resources

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Not Attempt | **Correct Ans.** | c

Solution. | -NA-

Q.76   **Which of the following is true about the Bureau of Energy Efficiency, in the context of the passage?**
(i) It failed to pay adequate attention to industries like metal, textiles etc., in terms of energy consumption.
(ii) It focused on rating systems for efficient use of goods in the domestic sector.
(iii) It mostly focused on the energy consumption in the domestic sector.

a. Only (i) and (iii)

b. Only (i) and (ii)

c. Only (i)

d. Only (ii) and (iii)

e. All (i), (ii) and (iii) ✔

Not Attempt | **Correct Ans.** | e

Solution.   -NA-

Q.77 **Which of the following, according to the author, is/are the step(s) that the Bureau of Water Efficiency can take to ensure proper utilization of water resources?**
(i) Put in place measures that ensure proper water usage
(ii) Concentrate on the water consumption patterns of the domestic sector alone
(iii) Monitor carefully the activity of digging bore wells

　　a. Only (i) and (iii) ✔
　　b. Only (i) and (ii)
　　c. Only (i)
　　d. Only (ii) and (iii)
　　e. All (i), (ii) and (iii)

Not Attempt   **Correct Ans.**   **a**

Solution.   -NA-

Q.78 **The author suggests that the Bureau of Water Efficiency devise a strategy or make laws to meet water challenges in the industrial segments rather than the domestic segments because**

　　a. the industrial sector is the only one that is in a position to reduce its water consumption by a significant margin.
　　b. there is comparatively less serious water misuse in the domestic sector. ✔
　　c. it would be easy to identify the consumption patterns in the industrial sector because of its density and visibility.
　　d. the industrial sector would be capable of paying the fines levied by the Bureau for water misuse whereas the domestic sector would be in no such position.
　　e. the industrial sector would be easier to manage in terms of making them understand the importance water conservation.

Not Attempt   **Correct Ans.**   **b**

Solution.   -NA-

Q.79 **Choose the word which is most similar in meaning to the word printed in bold as used in the passage.**

Staggering

　　a. weaving
　　b. astounding ✔
　　c. lurching
　　d. stumbling
　　e. unsteady

Not Attempt   **Correct Ans.**   **b**

Solution.   (b); Staggeringmeans astonish or deeply shock.

Q.80 **Choose the word which is most opposite in meaning to the word printed in bold as used in the passage.**

Inevitable

a. certain
b. unforeseeable ✔
c. unavoidable
d. inescapable
e. predictable

Not Attempt | **Correct Ans.** | **b**

Solution. | **(b); Inevitable means unavoidable**

Q. No	Question Status

Q.81	Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits the meaning of the sentence as a whole.
	
	Q- The once ....district is gradually being .... of its green cover.
	
	    a. remote, eroded
	    b. arid, replenished
	    c. beautiful, devoid
	    d. picturesque, depleted ✔
	    e. lush, rob

Not Attempt | **Correct Ans.** | **d**

Solution. | **-NA-**

| Q.82 | Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits the meaning of the sentence as a whole.

Q- The New Year has ....in good news for city hotels as most properties are .... for the whole month.

    a. brought, deserted
    b. ushered, packed ✔
    c. pushed, full
    d. steered, renovating
    e. escorted, vacant |

Not Attempt | **Correct Ans.** | **b**

Solution. | **-NA-**

| Q.83 | Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits the meaning of the sentence as a whole.

Q- Much of the .... that cricket has is due to the fact it is a .... sport.

    a. allure, lucrative ✔
    b. criticism, controversial
    c. attraction, unpopular
    d. flak, great
    e. comments, unusual |

| Not Attempt | Correct Ans. | a |

Solution.   -NA-

Q.84   Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits the meaning of the sentence as a whole.
Q- Since foggy weather .... visibility by several metres, the railways has either partially .... or diverted some of the trains.

    a. improves, started
    b. impairs, called off
    c. hampers, withdrawn
    d. decrease, stopped
    e. reduces, cancelled ✔

| Not Attempt | Correct Ans. | e |

Solution.   -NA-

Q.85   Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits the meaning of the sentence as a whole.

Q- The pilot knew she would be able to see the ....lights of the city from her cockpit window, but she would not see the fireworks explode to welcome the new year as she would have .... to cruising altitude.

    a. few, soared
    b. divine, escalate
    c. glistening, jumped
    d. shining, reached
    e. glittering, climbed ✔

| Not Attempt | Correct Ans. | e |

Solution.   -NA-

Q.86   Read each sentence to find out whether there is any grammatical error or idiomatic error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (e). (Ignore errors of punctuation, if any.)

Q- Much is the inflow of travellers that (a)/ it is tough to book an air ticket (b)/ to Ahmadabad and the international flights (c)/ too are almost over-booked.(d)/ No error (e)

    a. a ✔
    b. b
    c. c
    d. d
    e. e

| Not Attempt | Correct Ans. | a |

Solution.   (a); Change 'much' to 'such'

Q.87   Read each sentence to find out whether there is any grammatical error or idiomatic error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (e).

(Ignore errors of punctuation, if any.)

Q- If the IPL has succeeded in drawing (a)/ an audience across the country, it is because (b)/ cricket has always had a strong foundation (c)/ and a dedicated audience. (d)/ No error (e)

    a. a
    b. b
    c. c
    d. d
    e. e ✔

Not Attempt | **Correct Ans.**   e

Solution. | **-NA-**

Q.88

Read each sentence to find out whether there is any grammatical error or idiomatic error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (e). (Ignore errors of punctuation, if any.)

Q- In view of the intense cold wave conditions (a)/ prevailing in the state, the government declared (b)/ holidays in all the schools (c)/ for a period of ten days. (d)/ No error (e)

    a. a
    b. b
    c. c
    d. d
    e. e ✔

Not Attempt | **Correct Ans.**   e

Solution. | **-NA-**

Q.89

Read each sentence to find out whether there is any grammatical error or idiomatic error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (e). (Ignore errors of punctuation, if any.)

Q- The bane of Indian hockey today is (a) / lack of interest by the part of the public (b)/ which in turn is fuelled by the perception that (c)/ it doesn't pay to take up the sport as a career. (d)/ No error (e)

    a. a
    b. b
    c. c ✔
    d. d
    e. e

Not Attempt | **Correct Ans.**   c

Solution. | **(c); Change 'by' to 'on'**

Q.90

Read each sentence to find out whether there is any grammatical error or idiomatic error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (e). (Ignore errors of punctuation, if any.)

Q- In cities people don't (a)/ always have the time to (b)/ catch up with old friends or (c)/ spend times

with their family (d)/ No error (e)

a. a
b. b
c. c
d. d ✔
e. e

Not Attempt | **Correct Ans.** | **d**

Solution. | **(d); Change 'times' to 'time'**

Q.91 Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.
A. But seriously, how much would you pay to know what thoughts are swimming around in someone else's head?
B. In most fictional movies, thus, the idea of reading minds — of seeing the private intentions of another, and the possibility of intervening in those plans—has always been highly attractive.
C. Such fantastical questions have long been the bread and butter of fiction.
D. Today, more than four centuries since the phrase, "A penny for your thoughts", was first recorded, inflationary accounting makes that ancient penny worth more than $ 40.
E. The growing rate for a 'thought' — a probe into the thinking of another — was once quite a bargain.
F. And if you could really know their truthfulness how much more would you pay?
G. Even with the sliding value of the dollar, this still seems quite a bargain.

Q- Which of the following should be the SIXTH sentence after rearrangement?

a. E
b. G
c. C ✔
d. B
e. A

Not Attempt | **Correct Ans.** | **c**

Solution.
For questions (91-95):The proper sequence of sentences to form a meaningful paragraph will be DBFCAE

Q.92 Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.
A. But seriously, how much would you pay to know what thoughts are swimming around in someone else's head?
B. In most fictional movies, thus, the idea of reading minds — of seeing the private intentions of another, and the possibility of intervening in those plans—has always been highly attractive.
C. Such fantastical questions have long been the bread and butter of fiction.
D. Today, more than four centuries since the phrase, "A penny for your thoughts", was first recorded, inflationary accounting makes that ancient penny worth more than $ 40.
E. The growing rate for a 'thought' — a probe into the thinking of another — was once quite a bargain.
F. And if you could really know their truthfulness how much more would you pay?
G. Even with the sliding value of the dollar, this still seems quite a bargain.

Q- Which of the following should be the SEVENTH (LAST) sentence after rearrangement?

a. A
b. B ✔
c. F
d. D
e. E

Not Attempt | **Correct Ans.** | **b**

Solution. | **-NA-**

Q.93 | Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

A. But seriously, how much would you pay to know what thoughts are swimming around in someone else's head?

B. In most fictional movies, thus, the idea of reading minds — of seeing the private intentions of another, and the possibility of intervening in those plans—has always been highly attractive.

C. Such fantastical questions have long been the bread and butter of fiction.

D. Today, more than four centuries since the phrase, "A penny for your thoughts", was first recorded, inflationary accounting makes that ancient penny worth more than $ 40.

E. The growing rate for a 'thought' — a probe into the thinking of another — was once quite a bargain.

F. And if you could really know their truthfulness how much more would you pay?

G. Even with the sliding value of the dollar, this still seems quite a bargain.

Q- Which of the following should be the FIRST sentence after rearrangement?

a. A
b. B
c. C
d. D
e. E ✔

Not Attempt | **Correct Ans.** | **e**

Solution. | **-NA-**

Q.94 | Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

A. But seriously, how much would you pay to know what thoughts are swimming around in someone else's head?

B. In most fictional movies, thus, the idea of reading minds — of seeing the private intentions of another, and the possibility of intervening in those plans—has always been highly attractive.

C. Such fantastical questions have long been the bread and butter of fiction.

D. Today, more than four centuries since the phrase, "A penny for your thoughts", was first recorded, inflationary accounting makes that ancient penny worth more than $ 40.

E. The growing rate for a 'thought' — a probe into the thinking of another — was once quite a bargain.

F. And if you could really know their truthfulness how much more would you pay?

G. Even with the sliding value of the dollar, this still seems quite a bargain.

Q- Which of the following should be the FOURTH sentence after rearrangement?

a. A ✔
b. B
c. G
d. D
e. F

Not Attempt | Correct Ans. | a

Solution. | -NA-

Q.95 Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.
A. But seriously, how much would you pay to know what thoughts are swimming around in someone else's head?
B. In most fictional movies, thus, the idea of reading minds — of seeing the private intentions of another, and the possibility of intervening in those plans—has always been highly attractive.
C. Such fantastical questions have long been the bread and butter of fiction.
D. Today, more than four centuries since the phrase, "A penny for your thoughts", was first recorded, inflationary accounting makes that ancient penny worth more than $ 40.
E. The growing rate for a 'thought' — a probe into the thinking of another — was once quite a bargain.
F. And if you could really know their truthfulness how much more would you pay?
G. Even with the sliding value of the dollar, this still seems quite a bargain.

Q- Which of the following should be the SECOND sentence after rearrangement?

    a. F
    b. D ✔
    c. C
    d. G
    e. A

Not Attempt | Correct Ans. | b

Solution. | -NA-

Q.96 In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate Word in each case.

The continuing economic crisis has put central banks and governments over the world into .... (96) .... waters . For the industrialized West, the question seems to be a choice between economic stimulus and jobs, in the hope of creating a softer landing, or a swift shock at the hands of the free markets, in the hope of getting through the ....(97).... more quickly. In emerging markets, the question is how to deal with being the focal point for investors looking to maximize returns. Specifically, for the Federal Reserve in the United States, that means ....(98).... hundreds of billions of dollars into the markets buying Treasury bills to increase liquidity. In Europe, the concern is that monetary union may be at risk due to the strains posed by euro-zone countries that are …(99)…… in debt. Asia, on the other hand, economies are surging, but the prospect of hot money flowing into the region could potentially spell ....(100).... due to overheating.

Q- 96

    a. tested
    b. unpredictable
    c. under
    d. Unquestionable
    e. uncharted ✔

Not Attempt | Correct Ans. | e

Solution. | -NA-

Q.97

In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate Word in each case.

The continuing economic crisis has put central banks and governments over the world into .... (96) .... waters . For the industrialized West, the question seems to be a choice between economic stimulus and jobs, in the hope of creating a softer landing, or a swift shock at the hands of the free markets, in the hope of getting through the ....(97).... more quickly. In emerging markets, the question is how to deal with being the focal point for investors looking to maximize returns. Specifically, for the Federal Reserve in the United States, that means ....(98).... hundreds of billions of dollars into the markets buying Treasury bills to increase liquidity. In Europe, the concern is that monetary union may be at risk due to the strains posed by euro-zone countries that are …(99)…… in debt. Asia, on the other hand, economies are surging, but the prospect of hot money flowing into the region could potentially spell ....(100).... due to overheating.

Q- 97

     a. downturn ✔
     b. spectrum
     c. options
     d. drama
     e. hope

Not Attempt | **Correct Ans.** | **a**

Solution. | **-NA-**

Q.98

In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate Word in each case.

The continuing economic crisis has put central banks and governments over the world into .... (96) .... waters . For the industrialized West, the question seems to be a choice between economic stimulus and jobs, in the hope of creating a softer landing, or a swift shock at the hands of the free markets, in the hope of getting through the ....(97).... more quickly. In emerging markets, the question is how to deal with being the focal point for investors looking to maximize returns. Specifically, for the Federal Reserve in the United States, that means ....(98).... hundreds of billions of dollars into the markets buying Treasury bills to increase liquidity. In Europe, the concern is that monetary union may be at risk due to the strains posed by euro-zone countries that are …(99)…… in debt. Asia, on the other hand, economies are surging, but the prospect of hot money flowing into the region could potentially spell ....(100).... due to overheating.

Q- 98

     a. sucking
     b. pumping ✔
     c. forming
     d. Blocking
     e. promoting

Not Attempt | **Correct Ans.** | **b**

Solution. | **-NA-**

Q.99

In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank

appropriately. Find out the appropriate Word in each case.

The continuing economic crisis has put central banks and governments over the world into .... (96) .... waters . For the industrialized West, the question seems to be a choice between economic stimulus and jobs, in the hope of creating a softer landing, or a swift shock at the hands of the free markets, in the hope of getting through the ....(97).... more quickly. In emerging markets, the question is how to deal with being the focal point for investors looking to maximize returns. Specifically, for the Federal Reserve in the United States, that means ....(98).... hundreds of billions of dollars into the markets buying Treasury bills to increase liquidity. In Europe, the concern is that monetary union may be at risk due to the strains posed by euro-zone countries that are …(99)…… in debt. Asia, on the other hand, economies are surging, but the prospect of hot money flowing into the region could potentially spell ....(100).... due to overheating.

Q- 99

    a. mired ✔
    b. safe
    c. above
    d. unhappy
    e. out

Not Attempt	**Correct Ans.**	a

Solution.	**-NA-**

Q.100

In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate Word in each case.

The continuing economic crisis has put central banks and governments over the world into .... (96) .... waters . For the industrialized West, the question seems to be a choice between economic stimulus and jobs, in the hope of creating a softer landing, or a swift shock at the hands of the free markets, in the hope of getting through the ....(97).... more quickly. In emerging markets, the question is how to deal with being the focal point for investors looking to maximize returns. Specifically, for the Federal Reserve in the United States, that means ....(98).... hundreds of billions of dollars into the markets buying Treasury bills to increase liquidity. In Europe, the concern is that monetary union may be at risk due to the strains posed by euro-zone countries that are …(99)…… in debt. Asia, on the other hand, economies are surging, but the prospect of hot money flowing into the region could potentially spell ....(100).... due to overheating.

Q- 100

    a. positive
    b. negative
    c. trouble ✔
    d. growth
    e. process

Not Attempt	**Correct Ans.**	c

Solution.	**-NA-**