

1. MQ is related to " PU" and " FI" is related to "IM" in the same way as SV is related to _____

- a) VY
- b) UY
- c) TX
- d) VZ
- e) None of these

Ans: d

Explanation - The first letter moves ahead by three letters in the alphabet while the second moves ahead by four.

2. 7528 is related to 5306 in the same way as 4673 is related to _____

- a) 2367
- b) 2451
- c) 2531
- d) 2641
- e) None of these

Ans: b

Explanation - The relationship is x: (x-2222)

3. Apparel is related to cloth in the same way as Footwear is related to _____

- a) Cobbler
- b) Shoes
- c) Sandals
- d) Leather
- e) Material

Ans: d

Explanation - The first is made from the second

4. Pusillanimous is related to Courage in the same way as Purblind is related to _____

- a) Eye
- b) Way
- c) Sight

- d) History
- e) Awareness

Ans: e

Explanation - Pusillanimous is an adjective, meaning lacking courage. In the same way, purblind is an adjective, meaning lacking awareness.

5. Based on the relationship between variables find the next variable in the order: ABCD: OPQR :: WXYZ:?

- a) EFGH
- b) KLMN
- c) QRST
- d) STUV

Ans: b

Explanation - Each letter of the first group 'ABCD' is moved fourteen steps forward to obtain the corresponding letter of the second group 'OPQR'. A similar relationship will exist between the third group "WXYZ" and the fourth group. Hence the correct answer is b.

1.6) The following is an illustration of the Input and the steps of rearrangement.

Input: adopted action to a stamp drafted general operation

Step I:

a adopted action to stamp after general operation

Step II:

a to adopted action stamp drafted general operation

Step III:

a to stamp adopted action drafted general operation

Step IV:

a to stamp action adopted drafted g
eneral operation

Step IV is the last step for this input.

In accordance with the rule followed in the
above steps, answer the following question.

6. Which of the following will be the last step for
the following input?

Input: post followed after government fa
llen nomination the of

- a) of the post after followed government
fallen nomination
b) of the post after
fallen followed nomination government
c) of the post after fallen followed gove
rnmnt nomination
d) of the post fallen after followed govern
ment nomination

Ans: c

Explanation -

The final output is reached as shown under:

Input: post followed government fallen
nomination the of

Step I:

of post followed after government fall
en nomination the

Step II:

of the post followed after governme
nt fallen nomination

Step III:

of the post after followed government
fallen nomination

Step IV:

of the post after fallen followed gove
rnmnt nomination

Hence, step IV is the final output for the given
input.

As we observe the output, we know that the
words in the given input are arranged in the
increasing order of the number of letters.
When the words of an equal number of
letters occur, then words are arranged in the
order as they appear in the dictionary. In each
step, one word is being rearranged. Among
words with an equal number of letters, the
word that appears first in the dictionary is
arranged first and so on. The input is
“adopted action to a stamp drafted general
operation”, In the given input, the word with
a minimum number of letters is ‘a’, hence it
occupies the first position in the first step and
the remaining words follow the same
sequence as in the input. The second position
is occupied by the word ‘to’, as it contains the
next highest number of letters. Similarly,
other words are also arranged.

1.7) The following is an
illustration of the Input and the steps
of rearrangement.

Input: adopted action to a stamp drafte
d general operation

Step I:

a adopted action to stamp after genera
l operation

Step II:

a to adopted action stamp drafted gen
eral operation

Step III:

a to stamp adopted action drafted general operation

Step IV:

a to stamp action adopted drafted general operation

Step IV is the last step for this input.

In accordance with the rule followed in the above steps, answer the following question.

7. Which step will be the last step of the following input?

Input: prime has the who suspect Centre attack forces.

- a) Step III
- b) Step V
- c) Step IV
- d) Step VI

Ans: c

Explanation -

The final output is reached as shown under

Input: post followed after government fallen nomination the of

Step I:

of post followed after government fallen nominations the

Step II:

of the post followed after government fallen nomination

Step III:

of the post after followed government fallen nomination

Step IV:

of the post after fallen followed government nomination

Hence, step IV is the final output for the given input.

As we observe the output, we know that the words in the given input are arranged in the increasing order of the number of letters. When the words of an equal number of letters occur, then words are arranged in the order as they appear in the dictionary. In each step, one word is being rearranged. Among words with an equal number of letters, the word that appears first in the dictionary is arranged first and so on. The input is “adopted action to a stamp drafted general operation”, In the given input, the word with a minimum number of letters is ‘a’, hence it occupies the first position in the first step and the remaining words follow the same sequence as in the input. The second position is occupied by the word ‘to’, as it contains the next highest number of letters. Similarly, other words are also arranged.

8. Based on the information given below. Decide which conclusion follows

Statement:

- 1) Some shirts are trousers
- 2) Some trousers are jackets
- 3) All jackets are shawls

Conclusions:

- 1) Some shawls are shirts
 - 2) Some jackets are shirts
- a) Only conclusion 1 follows
 - b) Only conclusion 2 follows
 - c) Either 1 or 2 follows

- d) Neither 1 nor 2 follows
- e) Both 1 and 2 follows

Ans: d

9. Based on the information given below. Decide which conclusion follows.

Statements:

- 1) All clouds are storms
- 2) Some storms are cyclones
- 3) All cyclones are thunders
- 4) Some thunders are lightning

Conclusion:

- 1) Some lightning are cyclones
- 2) No lightning is a cyclone
- 3) Some cyclones are clouds

- a) Only 1 follows
- b) Only 2 follows
- c) Only 3 follows
- d) Only either 1 or 2 follows
- e) None of these

Ans: d

10. Based on the information given below. Decide which conclusion follows.

Statement:

- 1) All petals are flowers
- 2) All thorns are flowers
- 3) Some leaves are thorns
- 4) Some stems are flowers

Conclusion:

- 1) Some petals are leaves
- 2) All leaves are flowers
- 3) Some stems are petals
- 4) No petal is a leaf

- a) None follows
- b) Only 2 follows
- c) Only 2 and either 1 or 4 follows
- d) Only either 1 or 4 follows
- e) None of these

Ans: d

11. Here is a statement and following it are a pair of conclusions. Assume everything in the given statement to be true and then decide which of the following two conclusions logically inferred from the statement. Select your answer from the choices given.

Statement: In a football match, three of the goals scored by the winning team were scored by defenders and not by strikers.

Conclusions:

- I. The winning team has better defenders than its strikers.
 - II. Had the winning team's defenders not scored those goals, the team would have lost the match.
- a) Only Conclusion I follows
 - b) Only Conclusion II follows
 - c) Either I or II follows
 - d) Neither I nor II follows
 - e) Both I and II follow

Ans: d

Explanation - We have no idea how defenders scored those goals maybe ball was passed by the strikers. Thus, Conclusion I cannot be concluded.

Conclusion II is an extreme option as there is nothing to suggest such eventuality.

Thus, neither of the two conclusions follows

12. Here is a statement and following it is a pair of conclusions. Assume everything in the given statement to be true and then decide

which of the following two conclusions logically inferred from the statement. Select your answer from the choices.

Statement: The Government of the Maldives has recently announced various discounted package tours for tourists visiting the Maldives.

Conclusions:

- I. The Government of the Maldives wants more foreign tourists to visit the Maldives
 - II. There has been a decline in the number of tourists visiting the Maldives in recent years.
- a) Only Conclusion I follows
 - b) Only Conclusion II follows
 - c) Either I or II follows
 - d) Neither I nor II follows
 - e) Both I and II follow

Ans: a

Explanation - If the Government of Maldives is offering these packages, then it definitely wants more tourists to visit the Maldives. So, the conclusion I can be concluded.

However, it is not necessary that there has been a decline in the number of tourists visiting the Maldives in recent years. Hence conclusion II is false.

13. Four of the following five are alike in a certain way and so form a group. Which of the following does NOT belong to the group?

- a) CFIL
- b) PSVX
- c) JMPS
- d) ORUX
- e) LORU

Ans: b

Explanation- In all other groups, each letter moves three steps forward in the English Alphabet to obtain the next letter.

14. Four of the following five pairs have the same relationship between their elements and hence form a group. Which one does NOT belong to the group?

- a) AUgPZ
- b) MXiDV
- c) KFeCO
- d) YGLhT
- e) QRmTV

Ans: d

Explanation - In all other groups, the smaller letter is the middle one.

15. Four of the following five are alike in a certain way and so form a group. Which one does NOT belong to the group?

- a) Illyngophobia: Vertigo
- b) Lephobia : Poison
- c) Kainolophobia: Novelty
- d) Kakorrhaphiophobia: Defeat
- e) Insectophobia : Termite

Ans: e

Explanation - Fear of termites is called isopterophobia

1.16) In a class timetable, there were 3 teachers: 1 Male and 2 Females. Now, when the reshuffling happened then it was planned that physics and chemistry would be taught by the male (M), maths would be taught by a female (F1) and English would be taught by the female (F2) there was still confusion about how to adjust the days. Here are some

conditions by the teachers according to which days are to be planned:

- 1) F1 and F2 are not available on Monday
- 2) F2 will come on Tuesday
- 3) F1 will come on Wednesday
- 4) M will not come on consecutive days
- 5) M and F1 work together on one day
- 6) Last 2 days of the week M comes 1 day and F1 and F2 come on other days while on last day all 3 come together.
- 7) Chemistry class will be on the first two days when the teacher is available and physics on one day in the week.

The school is for 5 days

16. If a student wants to enrol for maths and chemistry, which days he will not have his classes?
- a) Monday
 - b) Tuesday
 - c) Thursday
 - d) Friday

Ans: b

I.17) In a class timetable, there were 3 teachers: 1 Male and 2 Females. Now, when the reshuffling happened then it was planned that physics and chemistry would be taught by the male (M), maths would be taught by a female (F1) and English would be taught by the female (F2) there was still confusion about how to adjust the days. Here are some conditions by the teachers according to which days are to be planned:

- 1) F1 and F2 are not available on Monday
- 2) F2 will come on Tuesday
- 3) F1 will come on Wednesday
- 4) M will not come on consecutive days
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- 7) Chemistry class will be on the first two days when the teacher is available and physics on one day in the week.

The school is for 5 days

17. If a student is only a student of F2 which days he would be coming?
- a) Tuesday, Wednesday and Thursday
 - b) Monday, Tuesday and Thursday
 - c) Monday, Tuesday and Friday
 - d) Tuesday, Thursday and Friday

Ans: d

I.18) In a class timetable, there were 3 teachers: 1 Male and 2 Females. Now, when the reshuffling happened then it was planned that physics and chemistry would be taught by the male (M), maths would be taught by a female (F1) and English would be taught by the female (F2) there was still confusion about how to adjust the days. Here are some conditions by the teachers according to which days are to be planned:

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- 7) Chemistry class will be on the first two days when the teacher is available and physics on one day in the week.

The school is for 5 days

18. On which days only 1 class takes place?

- a) Monday and Tuesday
- b) Tuesday and Wednesday
- c) Wednesday and Thursday
- d) Thursday and Friday

Ans: a

I.19) In a class timetable, there were 3 teachers: 1 Male and 2 Females. Now, when the reshuffling happened then it was planned that physics and chemistry would be taught by the male (M), maths would be taught by a female (F1) and English would be taught by the female (F2) there was still confusion about how to adjust the days. Here are some conditions by the teachers according to which days are to be planned:

- 1) F1 and F2 are not available on Monday
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- 4) M will not come on consecutive days
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- 7) Chemistry class will be on the first two days when the teacher is available and physics on one day in the week.

The school is for 5 days

19. If the principal wants to keep a record of all teachers, would it be correct to say that every teacher comes twice a week?

- a) Yes
- b) No
- c) Don't know
- d) Data insufficient

Ans: a

20. What should come next in the following letter series?

AABABCABCDABCDEF?

- a) B
- b) G
- c) D
- d) A
- e) None of these

Ans: d

Explanation - The pattern of series will be

A, AB, ABC, ABCD, ABCDE, ABCDEF, ABCDEFG

So next term will be A.

1. _____ is a set of computer programs used on a computer to help perform tasks.

- a) An instruction
- b) Software
- c) Memory
- d) A processor

Ans: b

2. System software is the set of programs that enables your computer's hardware devices and _____ software to work together.

- a) Management
- b) Processing
- c) Utility
- d) Application

Ans: d

3. The PC (Personal Computer) and the Apple Macintosh are examples of two different:

- a) Platforms
- b) Applications
- c) Programs
- d) Storage devices

Ans: a

4. Apple Macintoshes (Macs) and PCs use different _____ to process data and different operating systems.

- a) Languages
- b) Methods
- c) CPUs
- d) Storage devices

Ans: c

5. Servers are computers that provide resources to other computers connected to a:

- a) Network
- b) Mainframe
- c) Supercomputer
- d) Client

Ans: a

6. _____ are specially designed computers that perform complex calculations extremely rapidly.

- a) Servers
- b) Supercomputers
- c) Laptops
- d) Mainframes

Ans: b

7. A _____ is approximately one billion bytes:

- a) Kilobyte
- b) Bit
- c) Gigabyte
- d) megabyte

Ans: c

8. A _____ is approximately a million bytes.

- a) Gigabyte
- b) Kilobyte
- c) Megabyte
- d) terabyte

Ans: c

9. _____ is any part of the computer that you can physically touch.

- a) Hardware
- b) A device
- c) A peripheral
- d) An application

Ans: a

10. The components that process data are located in the:

- a) input devices
- b) output devices
- c) system unit
- d) storage component

Ans: c

11. Which of the following is Microsoft word's native file format?

- a) .word
- b) .doc
- c) .docx
- d) Both b and c

Ans: d

12. Which of the following option is used to display information such as title and page number of the document?

- a) Title Bar
- b) Menu Bar
- c) Header and Footer
- d) Page Heading

Ans: c

13. Which is the bar at the top of the window that bears the name of the window?

- a) Title Bar
- b) Menu Bar
- c) Header and Footer
- d) Page Heading

Ans: a

14. Which is the screen element that is usually located below the title bar in MS word that provides categorized option?

- a) Title Bar
- b) Menu Bar
- c) Header and Footer
- d) Task Bar

Ans: b

15. What is used to find a synonym for a word in the document?

- a) Wordfinder
- b) Thesaurus
- c) Search
- d) Find

Ans: b

16. What creates a hyperlink from the selected text?

- a) Create Hyperlink
- b) Insert Hyperlink

c) Hyperlink

d) Mark Hyperlink

Ans: b

17. What is the function of Ctrl + shift + Spacebar shortcut key?

- a) makes letters bold
- b) creates a non-breaking space
- c) makes letters Italic
- d) makes letters underline

Ans: b

18. What is the function of Ctrl + B shortcut key?

- a) makes letters bold
- b) creates a non-breaking space
- c) makes letters Italic
- d) makes letters underline

Ans: a

19. What is the function of Ctrl + I shortcut key?

- a) makes letters bold
- b) creates a non-breaking space
- c) makes letters Italic
- d) makes letters underline

Ans: c

20. What is the function of Ctrl + U shortcut key?

- a) makes letters bold
- b) creates a non-breaking space
- c) makes letters Italic
- d) makes letters underline

Ans: d

1. In Kiran's opinion, his weight is greater than 65 kg but less than 72 kg. His brother does not agree with Kiran and he thinks that Kiran's weight is greater than 60 kg but less than 70 kg. His mother's view is that his weight cannot be greater than 68 kg. If all are them are correct in their estimation, what is the average of different probable weights of Kiran?

- a) 70 kg
 - b) 69 kg
 - c) 61 kg
 - d) 67 kg
- Ans: d

Explanation:

Let Kiran's weight = x. Then

According to Kiran, $65 < x < 72$ ----(equation 1)

According to brother, $60 < x < 70$ ----(equation 2)

According to mother, $x \leq 68$ ----(equation 3)

Given that equation 1, equation 2 and equation 3 are correct. By combining these equations, we can write as

$$65 < x \leq 68$$

i.e., x = 66 or 67 or 68

Average of different probable weights of Kiran = $\frac{66+67+68}{3} = 67$

2. Two boats go downstream from point X to point Y. The faster boat covers the distance from X to Y 1.5 times as fast as the slower boat. It is known that for every hour, the slower boat lags behind the faster boat by 8 km. However, if they go upstream, then the faster boat covers the distance from Y to X in half the time as the slower boat. Find the speed of the faster boat in still water.

- a) 12 kmph

- b) 20 kmph
- c) 24 kmph
- d) 25 kmph

Ans: b

Explanation:

Let faster boat = B1, slower boat = B2, speed of stream = Z

$$D/(B1+Z) = 2/3 [D/(B2+Z)]$$

$$2B1 - 3B2 = Z \dots\dots\dots (1)$$

$$T = D/S; T = 1 \text{ hrs}$$

$$B1 = B2 + 8 \dots\dots\dots (2)$$

$$D/(B1-Z) = 1/2 \{D/(B2-Z)\}$$

$$2B2 - B1 = Z \dots\dots\dots (3)$$

$$Z = 4$$

$$B2 = 12$$

$$B1 = 20$$

3. A man borrowed Rs.20,000 at the rate of 8% p.a. compounded annually. How much should he repay at the end of the first year, so that he has to repay Rs? 10,800 only at the end of the second year to clear the loan?

- a) Rs. 11,600
- b) Rs. 11,200
- c) Rs. 10,800
- d) Rs.10,400

Ans: a

Explanation:

At the end of the first year, the sum amounts to $20,000 + 8\% \text{ of } 20,000 (16,00)$

$$= \text{Rs.} 21,600$$

He wants to pay only Rs. 10,800 (principal + interest)

$$\text{Principal} + \text{interest} = 108\%$$

$$108\% = 10,800$$

$$100\% = 10,800 \times 100 / 108$$

$$= 10,000 \text{ (principal)}$$

$$21,600 - 10,000 = \text{Rs.} 11,600$$

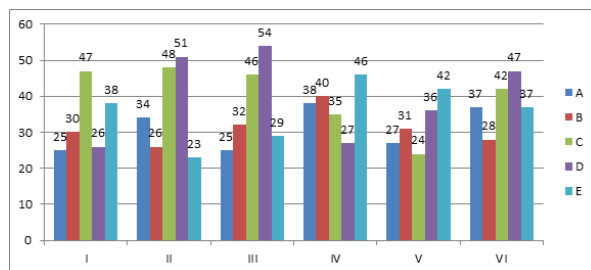
I.4-8) Directions: These questions are based on the following data.

A company has 6 branches numbered I, II, III, IV, V and VI located in six different places.

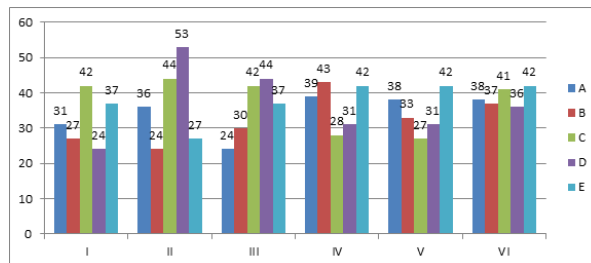
Each branch utilizes the telephone service of

six different providers A, B, C, D, E and F. The number of telephone calls made on 25th September 2008, between 10:00 am and 11:00 am between any two different branches were recorded and are as given in the graphs below. It was also observed that from each branch there were at least two outgoing calls through each service provider to every other branch and there were at least two incoming calls through each service provided from every other branch.

Number of outgoing calls



Number of incoming calls



Calls made through a service provider at any branch can be received through the same service provided at any other branch.

4. What is the maximum number of incoming calls from any single branch received by any other branch through any single service provider?
- 41
 - 43
 - 45
 - 52

Ans: c

Explanation:

The branch receiving the maximum number of calls through any service provider is branch II which receives 53 calls, through service provider D. Of this at most 45 calls can be from a single branch and the other 8 from other branches.

5. What is the maximum number of calls made from Branch III to Branch V?
- 127
 - 141
 - 131
 - 104

Ans: d

Explanation:

From branch III out of 25 calls made to it by utilizing the services of provider A, there must be two calls each made to the other four branches- I, II, IV and VI. The maximum number of calls made from branch III to branch V = $25 - (4 \times 2) = 17$
 Out of the 38 calls received by branch V utilizing the services of provider A, there must be two calls each received from the other four branches I, II, IV and VI. The maximum number of calls received by branch V from branch III = $38 - (4 \times 2) = 30$.

Between 17 and 30 the smaller value is 17. Therefore, the maximum number of calls received by branch V from branch III through service provider A is 17. In this way we can calculate the maximum number of calls made by branch III to Branch V through the other service providers.

Through B, $(32 - 8, 33 - 8) = 24$

Through C, $(46 - 8, 27 - 8) = 19$

Through D, $(54 - 8, 31 - 8) = 23$

Through E, $(29 - 8, 42 - 8) = 21$

Minimum of these values will be taken.

The required value = $17 + 24 + 19 + 23 + 21 = 104$

6. What is the maximum number of calls made through service provider B, from any one branch to any other branch?

- a) 34
- b) 29
- c) 36
- d) 18

Ans: b

Explanation:

From any single branch through service provider B, a maximum of 40 calls were made from branch IV and a maximum of 37 calls were received at branch VI. Of the 37 calls received at branch VI, at least two calls each were from branches I, II, III and V so at most 29 calls can be from branch IV.

7. If branch VI has received the least number of calls from branches I and II, then what is the maximum number of calls received by it from the other given branches?

- a) 158
- b) 162
- c) 174
- d) 176

Ans: c

Explanation:

Branch VI received at least two calls through each service provider from branches I and II.
 $2 \times 5 \times 2 = 20$
 Therefore, calls received from other branches are $194 - 20 = 174$.

8. What is the minimum number of calls made from branch 1 through service provider C to branches II, III or VI?

- a) 8
- b) 10
- c) 12
- d) 14

Ans: a

Explanation:

Number of calls made from branch I through service provider C = 47

Maximum number of calls that can be received by branches IV and V from branch I through services provider C is $(28 - 8) + (27 - 8) = 39$

Therefore, at least $47 - 39 = 8$ calls were received by branches II, III or VI.

9. A vendor bought oil from the market at 20% profit from the market then he used faulty weights which resulted in a profit of 10% on the sale of oil. Then a customer came to him and bargained with him to reduce the price by 50% If the price at which vendor sold the oil to the customer was rupees 660. What was his profit percentage before selling the product to the customer?

- a) 64%
- b) 32%
- c) 30%
- d) 45%

Ans: b

Explanation - $x \times (6/5) \times (11/10) \times (1/2) = 660$
 $x = 1000$ (The price at which it was originally sold in the market) Now, $(1000) \times (6/5) \times (11/10) = 1320$ (The price at which the vendor quoted the product to be sold in the market)

So, his profit margin = $1320 - 1000 = 320$
 Profit percentage = 32 %

I.10) A frog, which is at the bottom of a 50 m deep well, is trying to come out of it.

Statement 1: It covers 1.25 m but slips 0.75 m every time

Statement 2: The frog is efficient to complete the task in 1 hour

10. What is the speed of frog per jump?

- a) Both statements are insufficient
- b) Both are individually sufficient to give the answer
- c) Both are required together

- d) Only 1 is required
- e) Only 2 is required

Ans: c

Explanation – Firstly, we need to calculate speed of frog per jump
 Speed of frog per jump = (Distance covered in 1 jump / Time taken in 1 jump)

Time taken in 1 jump = (Total time taken to cover the distance by jumps / Number of jumps)

Now, Number of jumps is given in statement 1 as $50 \text{ m} \times 0.75 \text{ m} = 66.67$

Once we get the number of jumps as 67 (approx.)

Time taken in 1 jump = 60 minutes (this comes from second statement) / 67 = 0.895 minutes

Speed of frog per jump = $0.75/0.895$
 So, both statements are required.

11. Arun, Bharat and Chari started a business in a partnership with investment of Rs 12000, Rs 26000 and Rs 32000 respectively. After 4 months Arun leaves. After 6 months Bharat leaves and Arun joins with an amount equal to his earlier investment. After 10 months, Chari leaves and Bharat joins with his prior investment. At the end of the year, they earn a profit of Rs 53622. Find the share of Chari in the annual profit?

- a) 16547
- b) 17212
- c) 14875
- d) 27848

Ans: b

Explanation
 $(12000 \times 4 + 12000 \times 6) : (26000 \times 6 + 26000 \times 2) : (32000 \times 10) = 120000 : 208000 : 320000$
 $= 120 : 208 : 320$

$$B's \text{ share} = (26/81) \times 53622 = 17212$$

12. If $0.75:X::5:8$, the value of X is :

- a) 1.12
- b) 1.16
- c) 1.20
- d) 1.30

Ans: c

Explanation: $(x \times 5) = (0.75 \times 8)$
 $X = 6/5 = 1.20$

13. A car runs one full round of a circular track in 6 minutes and B in 15 minutes. If both A & B, start simultaneously from the same starting point then how many times they meet in the time B has completed 10 rounds when running in the same direction and in the opposite direction?

- a) 15,10
- b) 25,30
- c) 25,35
- d) None of these

Ans: d

Explanation – When B has completed 10 rounds. A would have completed $(10 \times 15/6) = 25$ rounds. When running in same direction, this would mean A having run 15 rounds more than B and would thus have met 15 times. When running in opposite direction they would meet $15 + 10 = 25$ times.

14. Shobha's maths test had 75 problems i.e. 10 arithmetic, 30 algebra and 35 geometry problems. Although she answered 70% of arithmetic, 40% of algebra and 60% of geometry problems correctly, she did not pass the test because she got less than 60% problems right. How many more questions she would have needed to answer correctly to earn 60% passing grade?

- a) 10
- b) 20
- c) 15

d) 5

Ans: d

Explanation – Number of attempts correctly =
(70% of 10 + 40% of 30 + 60% of 35) = 40

Questions to be answered correctly for 60%
grade = 60% of 75

Required number of questions = 45 - 40 = 5

15. Here is a list of numbers identify the missing
number in the pattern below

32, 243, 3125, 16807 _____?

- a) 1024
- b) 7776
- c) 161051
- d) 59049

Ans: c

Explanation – The pattern of numbers in the
series are

32- 25

243- 35

3125- 55

16807 – 75

161051- 115

Now you can see that it is not just raised to
power 5, but all the numbers are prime
numbers also. So, the next number will be a
prime number raise to power 5.

I.16) There were four cousins who were
playing a game in which the moment you
have to recite a table in one breath and when
you stop next cousin have to guess the
number and start 2 number more or 2
numbers less than the value from which the
previous player started. There were some
rules in the game, as stated below:

You cannot tell which table you are reciting
you just have to say the multiples of the
particular number you are saying.

If You want to get 10 points you have to
correctly guess which table was recited and
recite a table of value 2 less than or 2 more
than the previous table.

16. Now based on information tell me whether
Cousin 2 gets 10 points or not?

Cousin 1: 26,39, 52,65,78,91, 104

Cousin 2: 32, 48, 64, 80, 96, 112

- a) Yes
- b) No
- c) Maybe
- d) I don't know

Ans: b

Explanation – the values are given by cousin 2
were multiples of 16 while cousin 1 gave
values from multiples 13. So as per rules of
the game a player 16 does not lie in the range
of (+/- 2) to 13. Hence, he will not get 10
points.

I.77) There was a family where all the
relatives lived in the same community and
there was a belief that they had to follow a
certain pattern in terms of the house numbers
which they buy. So, the family members
bought the houses in the following manner.

Mr. A, the eldest brother lived in house
number 2 with his wife and parents. Mr. A's
sister, B lived in house number 3 with her
husband and their children lived in house
number 9. Mr. A had a younger brother who
lives alone in house number 5. Brother of Mr.
A's mother lives in house number 7 and their
children live in house number 49. Now Mr. A's
daughter is coming from abroad after
completing her studies and he plans to give
her house number 4 as a gift.

17. Based on the information helps us identify
which of the following statement is CORRECT
with respect to the information given here?

- a) Mr. A is NOT violating their family culture by gifting their daughter house number 4
- b) Mr. A's mother's brother should live in house number 6
- c) Mr. A's brother should live in house number 4
- d) Mr. A's brother's children should be living in house number 25

Ans: a

Explanation – On carefully reading the question, we get the information that all the parents live in prime number houses and their children live in perfect squares of the number in which parents live.

So, Mr. A lives in a prime number house and his daughter will live in its perfect square. Others are incorrect because:

[b] Mr. A's mother's brother will live in a prime number house so 6 is not correct

[c] Mr. A's brother will live in a prime number house and as per the belief, house number 4 should be for Mr. A's daughter not her brother

[d] Mr. A's brother's children can live in house 25 as per the belief but it is written that Mr A's brother lives alone. So, he doesn't have children.

18. A student was called by his teacher to solve a simple problem. He was asked by the teacher to find the incorrect number in the series given by the teacher. The series given by the teacher was as follows:

2,5, _,70,75,40. Identify the number in the series.

- a) 4
- b) 7
- c) 9
- d) 1

Ans: b

Explanation: The series given in this question has a certain pattern of numbers given here.

We can see that $2 \times 20 = 40$

$5 \times 15 = 75$

$7 \times 10 = 70$

Here, one number is decreasing by 5 (20,15,10) and another number is increasing in prime numbers (2,5,7)

19. There is a series given in below, identify which concept below defines the series in an appropriate manner?

Series: 1,3,6,11,19,31,48

- a) The series can be solved using ratio- the proportion
- b) The series can be solved using Arithmetic progression
- c) The series can be solved using Geometric progression
- d) There is no pattern

Ans: b

Explanation - There are two levels of successive addition which when added the given terms form an AP.

20. At t minutes past 2 pm, the time needed by the minutes hand of a clock to show 3 pm was found to be 3 minutes less than $\frac{t^2}{4}$ minutes. Find t.

- a) 18
- b) 14
- c) 20
- d) 25

Ans: b

Explanation – T minutes after 2, the time needed to show 3 is 60-T

$60 - T = \frac{T^2}{4} - 3$

$240 - 4T = T^2 - 12$

$T^2 + 4T - 252 = 0$

$T^2 + 18T - 14T - 252 = 0$

$$T(T+18) - 14(T+18) = 0$$

$$T = 14, T = -18$$

Ignoring $T = -18$ as time cannot be negative.

$$\text{So, } t = 14$$

I.1-4) The passage given below is followed by a Set of questions. Choose the most appropriate answer to each question. What is today's reader offered by the work of Kingsley Amis? This may not seem an especially pertinent question to ask of a writer who died only in 1995, but in art the recent past can sometimes appear more outmoded and inaccessible than distant history. The living writer is close to the common well of experience; once the writer has died, and can no longer articulate our contemporary world for us, he is exposed to the more brutal judgment of time. What in his work is timeless? What, if anything, makes it worth preserving?

Of course, definitive answers to these questions aren't always found: dead writers continue to go in and out of fashion, their work suddenly meaningful again in one era then failing to make sense in the next. It is often the most passionately contemporary writers — Kingsley Amis was one — whose reputation decline most steeply in their absence, for obvious reasons. Relevance becomes irrelevance; the same devotion to the here and now that brought them popularity and fame ensures their obscurity once here and now have become there and then. Yet the observation of ordinary life nearly always forms the cornerstone of great and lasting art. It is the quality of that observation that is put to the test over time, that will determine whether the work is trivial or lastingly true. Kingsley Amis made his name in the Fifties with his first novel, *Lucky Jim*; a work that seemed to define a new era not just in its portrayal of the evolving world of higher education that is its setting, but in literary values too. It advanced a more youthful and democratic conception of literary style and subject matter that reflected changing modes of social behaviour.

In *Lucky Jim*; Amis reprised the black comedy of Evelyn Waugh and reclothed it in the

provincial workaday garb of the ordinary middle classes, and if in doing so he belied something of his artistic seriousness, he was rewarded for it with instant acclaim.

1. Which of the following best describes the tone of the author?
 - a) Laudatory
 - b) Descriptive
 - c) Analytical
 - d) Inquisitive
 - e) suggestive

Ans: c

Explanation - The author examines whether Kingsley Amis's works continue to be relevant or not. To this end he discusses at length what makes a work of art 'lastingly true.' The tone is analytical as various facets of Amis's works and their reception are appraised.

2. Why does the author use the statement "what is today's reader offered by the work of Kingsley Amis?" at the start of the passage?
 - a) To highlight that though Kingsley Amis is dead his work should not be neglected.
 - b) To initiate the discussion on what the present generation of readers can gain from the works of Kingsley Amis.
 - c) To broach the issue of whether Kingsley Amis' writing is relevant today.
 - d) To make the reader understand Kingsley Amis' influence on contemporary literature.

Ans: c

Explanation - The main concern of the passage is to reflect on whether Amis's works continue to be relevant. The passage is not primarily concerned about what the present generation of readers can 'gain' from his works, but more on how relevant it is today.

3. With which of the following is the author most likely to agree with?

- a) As Amis was a contemporary writer, he would have been able to make a mark for himself in the field of literature in any other era as well.
- b) Depicting contemporary reality in one's writing can prove to be a double-edged sword for a writer.
- c) The works of art that involve observation of ordinary life have enduring appeal.
- d) Lucky Jim lacks the gravitas characteristic of Amis' artistic expression.

Ans: d

Explanation - follows directly from the last paragraph of the passage-'he belied something of his artistic seriousness.' 'belied' in this case means 'contradicted.' 'Gravitas' means 'dignity; seriousness.'

4. Which of the following can be a suitable title to the passage?
 - a) Why Kingsley Amis is relevant even today?
 - b) What makes for lasting art?
 - c) Why Remember Kingsley Amis?
 - d) Is Kingsley Amis relevant today?

Ans: d

Explanation - brings out the main theme of the passage aptly as the passage is an analysis on why Kingsley Amis is not relevant today. Thus, option (d) is the right answer.

1.5-9) In the following passage, some of the words have been left out. Read the passage carefully and fill in the blanks by selecting the most appropriate alternatives. The question number from which a word is to be selected out of the four given as alternatives, is written in each blank space.

The microfinance market in India is expected to grow rapidly, supported by Government of India's ____ (5) to achieve greater financial inclusion, and growth in the country's retail sector. MFI's have a ____ (6) level reach and understanding of the ____ (7) needs of the

poor. The growing retail market in India provides opportunities for MFI's to act as ____ (8) in the retail supply chain. The banking sector will also help microfinance sector grow – banks are expected to use MFI's to meet their financial services and other ____ (9) products.

5. chose the right option:
areas

- a) initiative
- b) will
- c) enthusiasm
- d) demotivation

Ans: b

Explanation - By seeing the options only option 'b' and 'd' would fit in. enthusiasm can be negated as it does not go with the tone of the passage.

6. chose the right option:

- a) upper
- b) narrow
- c) grass – root
- d) higher
- e) moderate

Ans: c

Explanation - Through the passage the author is trying to convey that the MFI's have a wider reach that is till the bottom of the pyramid. Hence, 'c' is the right option.

7. chose the right option:

- a) political
- b) social
- c) technological
- d) economic
- e) homely

Ans: d

Explanation - The best answer would be economic needs as the other three do not relate to the agenda of financial inclusion.

Social needs are related to better education or health care facilities.

8. chose the right option:

- a) intermediaries
- b) link
- c) retailers
- d) managers
- e) dealer

Ans: a

Explanation - Intermediaries would fit in as the author is trying to say that MFI's act as a link in the retail supply chain. Hence, option 'a' is correct.

9. Chose the right option:

- a) inevitable
- b) structured
- c) accessible
- d) feckless
- e) chain

Ans: b

Explanation: Inevitable means something which is unable to be avoided and feckless refers to something which is ineffective. Hence, 'a' and 'd' won't fit in. accessible won't fit as if the products are accessible then there is no need to distribute it. Hence, 'b' is the right option.

I.10) The passage given below is followed by a set of questions. Choose the most appropriate answer to each question.

The Bt technology, therefore, has little direct role in determining crop yield, except through the plant protection route. Crop output depends on the inherent yield potential of the cotton hybrid in which this gene has been incorporated. That apart, the current cotton glut in the country, thanks to a record cotton harvest of 33.4 million bales in 2010-11, does not bear testimony to any perceptible

slowdown in output growth. But the chances of such a decline cannot be ruled out. There is a possibility that the existing Bt-cotton hybrids will run out of their useful life over a period which normally happens in the case of all hybrids and even non-genetically engineered varieties. Besides, many illegal and unapproved seeds are in circulation. Their below-par performance does sully the image of Bt technology. Moreover, once one pest is suppressed effectively, as bollworm has owing to the prevalence of Bt hybrids, others tend to turn aggressive, necessitating newer, approaches to combat them. Therefore, there is a need to regularly replace existing Bt hybrids with better ones with higher innate yield potential and a capacity to withstand emerging threats. The onus lies on private seed companies, which virtually monopolize the cotton seed business, as well as the public sector farm research network. At present, most of the 35-odd companies marketing Bt seeds have licensing arrangements with technology developers, a handful of multinationals. Unfortunately, many companies with resources and the know-how to develop new gene-altered plant types are wary of investing in this cost-intensive pursuit. This is because of the cumbersome process of getting government approval for commercialization of their technology. Moreover, the unreasonable price caps placed by state governments on seeds have become a disincentive for investors, given the large overhead cost of technology development. These issues need to be addressed to facilitate a constant flow of investment into new technology development even with new Bt and other biotech hybrids or non-hybrid varieties. This will ensure that seeds are replaced at shorter intervals. Finally, public funding of research can play a constructive role in facilitating greater

competition; ensuring that privately funded research is more forthcoming.

10. The given passage, as a part of a larger article, seeks to answer which of the following questions?

- a) Has Bt Cotton delivered on its promises?
- b) Is Bt cotton a good investment?
- c) Will Bt cotton run out of steam?
- d) Is enough being done for the development of Bt cotton?

Ans: c

Explanation: The first paragraph discusses the fact that hybrids run out of their useful life. The second paragraph is about regularly replacing Bt hybrids with better ones. The author also discusses that there are not many incentives for investors to pursue better and regular developments in Bt cotton hybrids. The author ends by discussing which issues related to lack of incentives could be pursued. It is clear option (c) is the answer.

11. Why does the author present a case for regular replacement of Bt cotton hybrids with better ones?

- a) Their functional use is exhausted over time.
- b) Newer technology brings in better hybrids.
- c) Pests become aggressive and new varieties help tackle them.
- d) The hybrids get exhausted over time.

Ans: a

Explanation: The first paragraph discusses the fact that functionality of Bt cotton hybrids will be exhausted over time. The author also states that when one pest is suppressed effectively by the hybrid, other pests become more aggressive. It is also necessary to bring out hybrids to combat these aggressive pests. However, this (option c) is a secondary as compared with option (a).

12. According to the passage, what is the main reason for the companies being wary of

investing in developing better Bt cotton hybrids?

- a) Unreasonable price caps are placed by state governments on genetically modified seeds.
- b) Obtaining government approval for commercialization is cumbersome.
- c) The existing BT hybrids need to be replaced with better ones on a regular basis.
- d) There is a lack of public funding of research.

Ans: b

Explanation: The last paragraph discusses the reasons for why companies are wary of investing in developing better Bt cotton hybrids. Option (b) has been mentioned as the main reason in the passage. Options (a) has been mentioned as an additional reason. Option (d) is a broad inference made on a solution and it cannot be inferred as a reason. Option (c) expresses the need and reason for technological improvements but fails to answer the issue at hand.

I.13) The passage given below is followed by a set of four questions, Choose the best answer to each question.

The recent 2011 Provisional Census figures for Rajasthan show an alarming drop in sex ratio in the 0-6 age group from 909 in 2001 to 883 in 2011. A decline of 26 points is indicative of a clear bias against the girl child in a cultural milieu mediated by a range of factors — a feudal history, stringent patriarchy, rigid gender norms and deep-rooted disadvantages which pervade all spheres of domestic and social life. The state has also witnessed considerable action from civil society beginning with media exposure to the more recent scaled up action against the unscrupulous ultrasound clinics. However, the insidious trend has not been reversed and unless strong action is taken, it will lead to disastrous consequences.

For the past decade several networks, coalitions and individual NGOs active in the

field have been addressing the issue of declining sex ratio and female foeticide along with ensuring that the PCPNDT Act is implemented in all its seriousness. They have focused on campaigns community-based programmers and initiatives involving religious and caste leaders. Decoy operations carried out in various districts .by NGOs have succeeded in identifying unscrupu16us'doetots. However, no action has been taken against them and district level authorities continue to shield those involved in this malpractice. Under the larger rubric of addressing issues of violence against women and girls, some groups have also tried to identify and create awareness on the various types of violence and discrimination women and girls in the state face throughout the life cycle.

Declining sex ratio is seen as a symptom of the discrimination meted out to women. Several risk factors have come to fore as a result of the campaign on the implementation of the PCP N DT Act launched in the last few years. These risk factors must be recognized and mitigated because they could compromise some of the gains of the women's rights movements. On its part the state has for long claimed promotion of women's empowerment beginning with the Women's Development Project (WDP) in 1984. However, the systematic dismantling of the WDP which had a network of change agents at the grass-roots level is indicative of the .lackadaisical approach of the state towards issues of women's equality and dignity. The sathins (grass-roots workers, . literally "companions") could have played a proactive role . in creating an environment for empowering the girl child and acted as catalysts for monitoring the implementation of. the act at the district level provided their activities had not been curtailed. Today no alternative programme which addresses

women's empowerment and issues of violence against them exists. The lack of coordination between different line departments working on women and child related issues also add to the woes. Despite the rhetoric, an obvious lack of political will to save the girl child shows that the development graph of the state is on the brink of disaster.

13. Which of the following is a factor(s) for the bias against the girl child?
- I. Feudal lords
 - II. Patriarchal culture
 - III. Fixed gender rules
 - IV. Discordial domestic and social life
- a) I, II and III
 - b) Both I and IV
 - c) Both II and III
 - d) Only III
 - e) Only II

Ans: c

Explanation: The first paragraph lists out the factors that have contributed to the bias against the girl child. A feudal history has been mentioned as one factor — however, this cannot be taken as a synonym for option (a). The feudal lords themselves may not have contributed to the bias — the passage indicates it was the entire feudal system. Option (b) and (c) have both been mentioned. Option (d) cannot be inferred on the basis of the information in the passage. The answer is option (c).

14. Which of the following issue(s) have also got covered by the larger issue of Violence against women and girls?
- a) Declining sex ratio and female foeticide
 - b) Various types of discrimination against women and girls
 - c) Identification of unscrupulous doctors

- d) Women's equality and dignity
- e) women's financial condition

Ans: b

Explanation: The last lines of paragraph 2 discuss the other issues that have been addressed due to the larger issue of violence against women and girls. It is indicated that the various types of violence and discrimination that women and girls face in their life cycle are also being addressed due to this larger issue. Option (a) is an issue that is being addressed, however, it does not answer the context of the question. Option (c) has been mentioned in the paragraph as an issue on which no action has been taken. Option (d) is also mentioned as an issue on which no action is being taken by the state. The answer is option (b).

15. According to the passage, which of the following governance-related problems can be viewed as the "last straw" that could compromise the gains in the women's rights movements?
- a) Lack of political will to save the girl child.
 - b) Lack of coordination between different line departments.
 - c) No alternative programmed to address women's empowerment.
 - d) The systematic dismantling of the WDP.
 - e) the innovative ideas

Ans: a

Explanation: In the last paragraph, the author mentions the various governance-related failures/problems that could compromise some of the gains of the women's right movement. The last line of this paragraph states that the lack of political will to save the girl child shows that the development graph of the state is on the brink of disaster. Option (a) is the answer. Option (b), (c) and (d) have

been mentioned as risk factors but they cannot be taken in the sense of the "last straw" as option (a).

16. It can be inferred that would have continued the passage with the following:
- a) Discussion on how the PCPNDT Act, 1994 can be made more effective.
 - b) Discussion on another institutional mechanism that is currently defunct.
 - c) Discussion on strategies the state can use to address the issue mentioned in the passage.
 - d) Discussion on strategies to ensure that the girl child is protected.

Ans: c

Explanation: The passage starts by discussing the reducing sex -ratio in Rajasthan mentions addressing the larger issue of violence against women and girls and then ends by discussing the risk factors that could compromise some of the gains of the women's rights movements. It ends by stating that the "development graph of the state is on the brink of disaster. Once the author has made this point, option (b) will be a redundancy. Option (a) is incorrect, as it cannot be inferred that the author is concerned with improving the implementation of the PCPNDT Act, 1994. Option (d) is too narrow. Option (c) is the best answer.

I.17) Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in proper sequences and form a meaningful paragraph; then answer the questions given below:

- A. It was further revived by a Boston publishing firm, and from that time Mother Goose continued and grew in fame and interest till date.

- B. The first collection of verses under her name was published in London in book form by John Newbery.
- C. These were known long before they were designated as Mother Goose rhymes.
- D. Some rhymes can be traced to popular ballads, folk songs, and games, political satire, ancient proverbs, cries of street vendors, real or legendary events.
- E. About 25 years later, the book was reprinted in the United States in Worcester, Massachusetts.
- F. In fact, until the eighteenth-century Mother Goose did not have a name in print in English Literature.

17. What is the correct sequence of the paragraph?

- a) D C F B E A
- b) A E B C D F
- c) D F E B A C
- d) A C E B D F
- e) D E C A F B

Ans: a

Explanation: The correct sequence to make a meaningful paragraph is: D C F B E A

D. Some rhymes can be traced to popular ballads, folk songs, and games, political satire, ancient proverbs, cries of street vendors, real or legendary events.

C. These were known long before they were designated as Mother Goose rhymes.

F. In fact, until the eighteenth-century Mother Goose did not have a name in print in English Literature.

B. The first collection of verses under her name was published in London in book form by John Newbery.

E. About 25 years later, the book was reprinted in the United States in Worcester, Massachusetts.

A. It was further revived by a Boston publishing firm, and from that time Mother Goose continued and grew in fame and interest till date.

1.18) The question has a sentence/ sentences with two blanks. Given below the questions are four pairs of words. Choose the pair that best completes the sentence/sentences.

18. On examining the _____ of pottery gathered from the site of the _____, the archaeologist announced that they belonged to the 10th century.
- a) shards, excavation
 - b) fragments, tomb
 - c) variety, experiment
 - d) smithereens, landscape
 - e) none of these

Ans: a

Explanation: The word excavation (carefully remove mud to find buried remains) is closely associated with archaeology. Shards means sharp pieces of broken ceramic, metal, glass etc. hence, option 'a' is the right answer.

19. Four sentences are given with a blank in each. Five words are also given to fill the blanks. Identify the number of sentences each word can go into, and mark as your answer the maximum number of sentences any word can go into.

- 1) Unable to _____ the grief of his beloved's death, he ended his life.
- 2) _____ is an animal, which lives on fruits and roots.
- 3) Please _____ with us for the delay.
- 4) _____ is an intoxicating drink.

- a) Beer
- b) Withstand
- c) Bear
- d) Overcome
- e) endure

Ans: c

Explanation: 'beer' fits into only 4. 'withstand' fit into only 1. 'bear' fits into 1, 2 and 3. 'Overcome' fits into 1 alone. 'Endure' means

to bear and it fits only 1. 'bear' fits into a maximum number of 3 statements.
Hence, 'c' is our answer.

20. Four sentences are given with a blank in each. Five words are also given to fill the blanks. Identify the number of sentences each word can go into, and mark as your answer the maximum number of sentences any word can go into.

- 1) "Those who _____ will teach those who can't", said George Bernard Shaw.
- 2) The white-water issue proved to be a _____ of worms to the Clintons.
- 3) "_____ you wait for a few minutes?" the secretary asked politely.
- 4) He had no _____ of his own; he would listen to anyone.

- a) Ideas
- b) Can
- c) Will
- d) Would
- e) could

Ans: b

Explanation: 'Ideas' fits into 4. 'can' fits into 1, 2 and 3. 'will' fits into 4. 'would' and 'could' fit into 3.

Thus, 'can' fits into 3 statements. 'b' is the answer.

I.21) In the given questions, one word in every sentence has been underlined. Pick the option that best describes the meaning of the underlined word in the give context.

21. As they stood atop the hill, a beautiful panorama of city lights unfolded beneath their eyes.

- a) Incoherent
- b) Curt
- c) Succinct
- d) Vista
- e) captured

Ans: d

Explanation: Option 'd' is correct. A panorama is a vista perception of a region.

Option 'a': To be incoherent is to be unable to express your thoughts logically.

Option 'b': To be curt is to be brief and to that point to the extent of being rude.

Option 'c': To be succinct is to briefly give the gist of something.

I.22) In the given questions, one word in every sentence has been underlined. Pick the option that best describes the meaning of the underlined word in the give context.

22. Mason arose resolutely from the realm of suffering and embarked boldly on a course of arduous study.

- a) Upright
- b) Conscientious
- c) Exhilarating
- d) Grueling
- e) comfortable

Ans: d

Explanation: Arduous means 'involving or requiring difficult and tiring efforts.'

Grueling means the same.

I.23) Rearrange the following seven sentences (1), (2), (3), (4), (5), (6) and (7) in the proper sequences to form a meaningful paragraph and then answer the questions given below:

- 1) Whenever he felt hungry, he killed one of his subjects and ate it.
- 2) His attitude changed, and he stopped taking interest in the matters of his subjects.
- 3) All the animals were sad, but nobody had the courage to speak about it to king lion.
- 4) Once upon a time there was a lion who loved his subjects and whenever there was any problem, he applied his wit and brought an amicable settlement to their problems.
- 5) He became cruel.

- 6) Every animal appreciated him.
7) But after some time, he became over-confident and arrogant in his behavior.

23. What is the correct rearrangement of the sentences?

- a) 2 6 5 7 3 4 1
b) 4 6 7 2 5 1 3
c) 2 4 3 5 1 6 7
d) 1 2 3 4 5 6 7
e) 3 4 5 6 2 7 1

Ans: b

Explanation: The correct sequence is 4 6 7 2 5 1 3

I.24) Choose the word which is MOST SIMILAR in meaning to the word printed in bold as used in the passage.

24. **EXPLOITED**

- a) satisfied
b) suppressed
c) abused
d) hindered
e) tortured

Ans: c

I.25) Choose the word which is MOST OPPOSITE in meaning of the word printed in bold as used in the passage.

25. **ASTRONOMICAL**

- a) humongous
b) colossal
c) insignificant
d) whopping
e) sizeable

Ans: c

I.26) Each question has a pair of capitalized words followed by four pairs of words. Choose the pair of words that best expresses a relationship similar to that expressed by the capitalized pair.

26. **ZENITH: NADIR**

- a) religion: faith
b) pinnacle: peak
c) summit: foothill
d) base: vertex
e) brim: flow

Ans: c

Explanation: Zenith is the highest point, nadir is the lowest point. Similarly, summit is the highest point and foothill is low hill lying at the base of mountain. Pinnacle and peak are synonyms. Base means low in value, vertex means highest point. In the question pair, highest point is given first, so, this cannot be the answer.

Hence, 'c' is the correct option.

I.27) Each question has a pair of capitalized words followed by four pairs of words. Choose the pair of words that best expresses a relationship similar to that expressed by the capitalized pair.

27. **SIGNATORY: DOCUMENT**

- a) dignitary: country
b) dormitory: hostel
c) planetary: stars
d) notary: affidavit
e) demarche: document

Ans: d

Explanation: Signatory is a person or country that signs an official document. Notary is a person, who certifies deeds, affidavits. Dignitary is a person of high rank. Dormitory is a sleeping room with several beds. Planetary is relating to planets. Demarche is an official document of protest. Hence, option d is the correct answer.

28. Each question given below has five sentences. Each sentence has a pair of words that are written in bold. From these words, select the most appropriate words (A or B) to form correct sentences. The sentences are followed

by options that indicate the words, which may be selected to correctly complete the set of sentences. From the options given, choose the most appropriate one.

- 1) The continual (A) / continuous (B) metro departures were a great convenience to the people coming from distant areas of the city.
- 2) The tourist liked strolling through the pier (A) / pyre (B) in the pleasant evening.
- 3) Will somebody mete (A) / meet (B) out justice to those responsible for the despicable condition of such impoverished children?
- 4) The elicit (A) / illicit (B) act of the delinquent ruined his entire childhood.
- 5) The liable (A) / libel (B) published in the today's newspaper was followed by the legal action taken by the chairman of the organization against the newspaper.

- a) BAABA
- b) AABAA
- c) BABBB
- d) AAABB
- e) ABABA

Ans: d

Explanation: 'Continual' means 'frequently repeated'; going on with occasional interruption. 'continuous' means 'unceasing; going on without interruption.

'Pier' means a structure built on posts extending from land out over water, used as a landing place for ships, an entertainment area and 'pyre' refers to a heap of wood or other combustible material.

'mete' means to distribute by or as if by measure, 'meet' means to come upon by chance or Arrangement.

The verb 'elicit' means to call forth or bring out and the adjective 'illicit' means unlawful or not permitted.

The adjective 'liable' means subject to obligated to, or responsible for something.

The noun or verb 'libel' refers to a false

publication that damages a person's reputation.

29. Each question given below has five sentences. Each sentence has a pair of words that are written in bold. From these words, select the most appropriate words (A or B) to form correct sentences. The sentences are followed by options that indicate the words, which may be selected to correctly complete the set of sentences. From the options given, choose the most appropriate one.

- 1) Lady Arabella stood a little on one side, and the African, accepting the movement as an invitation, entered in an obsequious (A) / obsequies (B) way.
- 2) His immoral (A) / amoral (B), iniquitous and unscrupulous activities increased with his age and ultimately led him to terrible predicaments.
- 3) The entire nation exulted (A) / exalted (B) in one spirit at the team's glorious and historic win.
- 4) The king adjured (A) / abjured (B) the worldly pleasures and became a recluse in the search of God and the purpose of his existence.
- 5) He started griping (A) / gripping (B) about the prices they were charging.

- a) BBBAB
- b) BBBBB
- c) BABAA
- d) AAABA
- e) ABABA

Ans: d

Explanation: Obsequious means characterized by deference. Obsequies refers to a funeral rite or ceremony.

Immoral means violating traditionally held moral principles. Amoral refers to act without regard for any particular code of morality. Exult means to feel a lively joy exalt means to raise in power, rank, honor, quality etc.

Adjure means to charge, bind or command earnestly. Abjure means to renounce. Griping means to complain constantly. Gripping means holding the attention intensely.

I.30) For the word given on the top of the table. Match the dictionary definitions given in the left-hand column (A, B, C, D) with their corresponding usage given in the right-hand column (E, F, G and H). Out of the four numbered choices given in the boxes below the table, identify the one that has all the definitions and usages correctly matched and mark its number as your answer.

30. FRET

	Meaning		Usage
A	To feel or express or discontent	E	The sari border was a lovely fretted design.
B	To cause corrosion	F	The acid fretted through the wood, leaving a gaping hole.
C	To move in agitation commotion	G	The waterfall- with the water leaping in a seething, fretting mass over the edge of the precipice- was an awe-inspiring sight.
D	Interlaced angular design	H	Stop fretting – we will reach our destination soon.

- a) A-H, B-G, C-F, D-E
- b) A-H, B-F, C-G, D-E
- c) A-F, B-E, C-H, D-G
- d) A-F, B-H, C-E, D-G
- e) A-G, B-H, C-F, D-E

Ans: b

Explanation: Option 'b' is correct as it matches all the definitions to the usage correctly.

I.31) For the word given on the top of the table. Match the dictionary definitions given in the left-hand column (A, B, C, D) with their corresponding usage given in the right-hand column (E, F, G and H). Out of the four numbered choices given in the boxes below the table, identify the one that has all the definitions and usages correctly matched and mark its number as your answer.

31. BLUFF

	Meaning		usage
A	Good-naturedly blunt, outspoken	E	He is such a glib talker, he can bluff his way out of anything.
B	Steep cliff	F	When we called his bluff, he just panicked and ran.
C	To mislead by display of false strength or confidence	G	Being situated on the edge of a sheer bluff, the house had a splendid view of the countryside.
D	An act or instance of misleading	H	I like uncle Sunil -he is nice, though a little bluff.

- a) A-E, B-G, C-F, D-H
- b) A-H, B-G, C-E, D-F
- c) A-F, B-H, C-E, D-G
- d) A-G, B-F, C-H, D-E
- e) A-G, B-E, C-F, D-H

Ans: b

Explanation: Option 'b' is correct as it matches all the definitions to the usage correctly.

32. Select the alternative from among the choices that best expresses the idea:
- The panel narrowed the field of applicants to the three whom it thought were best qualified for the position.
 - The panel narrowed the field of applicants of the three whom it thought were best qualified for the position.
 - The panel narrowed the field of applicants to the three who it thought were best qualified for the position.
 - The panel narrowed the field of applicants to the three who it thought was best qualified for the position.
 - none of these

Ans: c

Explanation: 'narrowed.....of the three' in 'b' is incorrect. Three is plural, so 'was best' in 'd' is also wrong. The pronoun 'whom' is used wrongly in 'a' and 'b'. statement 'c' is correct. The panel thought that 'they' were best qualified. 'They' is in the subjective case. Hence, 'who' is correct.

33. Select the alternative from among the choices that best expresses the idea:
- The leader had always loyal supporters and they loved him.
 - The leader always has loyal supporters who loved him.
 - The leader always has loyal supporters and they are loving him.
 - The leader always had loyal supporters who loved him.
 - none of these

Ans: d

Explanation: Statement 'b' and 'c' are grammatically incorrect; has -loved (the verbs are in different tenses); has-are loving (love is not written in continuous tense). The phrases

'had always' in statement 'a' should read 'always had'. Statement d is correct.

34. Select the alternative from among the choices that best expresses the idea:
- A memo was issued by the director of the agency that had an insulting tone, according to the staff members.
 - The director of the agency, who issued a memo that had an insulting tone, according to the staff members.
 - The issuance of a memo by the director of the agency had an insulting tone, according to the staff members.
 - The director of the agency issued a memo that had an insulting tone, according to the staff members.
 - None of these

Ans: d

Explanation: In all the given statements, the clause 'that had an insulting tone' is describing different nouns. We should find out the noun that has an insulting tone to answer this. Agency, issuance in statements 'a' and 'c' do not have an insulting tone, as they are starting nothing. Statement 'b' is incomplete. Statement 'd' is correct, as the memo is in an insulting tone.

I.35) In each of the following questions, a sentence has been given with some of its parts in bold. To make the sentence grammatically and idiomatically correct, you have to replace the bold part with the correct alternative given below. If the sentence is correct as it is, give 'e' as your answer.

35. Most folks who tuned into Budget 2019 may have come away with the impression that it was just a random bag of good for Indian voters from a government heading into general elections.
- goodness from Indian voters from
 - goodies to Indian voters to
 - goodies for Indian voters from

- d) goodies for Indian voters by
e) no improvement

Ans: c

36. In each question, there are five sentences. Each sentence has pairs of underlined words. From these words, select the most appropriate word and then from the options given, choose the best one.

- 1) A bill to replace the ordinance (A)/ ordnance (B) issued by the president, is likely to be discussed during the current session of the House.
- 2) The police asked the arrested man who confessed to his involvement to the crimes to reenact the scene of the crime in stimulated (A) / simulated (B) conditions.
- 3) I saw a lot of customers scuttling (A)/ shuttling (B) to and from the bank during the business hours.
- 4) Though it has been several years since the family lost all its wealth and reputation, a certain mystic (A)/ mystique (B) still surrounds it.
- 5) What shocked the people was not only the heinous nature of the crime but also the impenitent (A) / impetuous (B), stance of the convict.

- a) ABBBB
- b) BBABA
- c) ABABA
- d) BABAB
- e) none of these

Ans: c

Explanation:

- 1) 'ordinance' is an official order, whereas 'ordnance' means military weapons. Hence, 'ordinance' (A) is appropriate here.
- 2) 'simulated conditions' means artificially created conditions, whereas 'stimulated' means 'encouraged to develop further'. Hence, the context takes 'simulated' (B) here.

- 3) 'shuttling' means moving to and fro over short distances. 'Scuttling' means hurrying especially used with reference to mice. Hence, the context takes 'shuttling' (A) here.
- 4) A 'mystic' is a person who practices or believes in religious mysticism whereas, if there is a 'mystique' about someone or something, they are thought to be special and people don't know much about them. Hence, 'mystique' (B) is the appropriate word in the context.
- 5) 'impenitent' means 'not repentant' or 'penitent' whereas, 'impetuous' means 'acting or done rashly or with sudden energy.' Hence, 'impenitent' (A) is the appropriate word. Hence, the sequence of correct answer is ABABA.

37. In each question, there are five sentences. Each sentence has pairs of underlined words. From these words, select the most appropriate word and then from the options given, choose the best one.

- 1) The queen's imperious (A)/ impervious (B) behavior has not endeared her to many.
- 2) The minister dismissed the protest against him as the handiwork of a small click (A) / clique (B) of disgruntled elements in his own party.
- 3) My friend was loath (A)/ loathe (B) to investing in shares of new companies.
- 4) The manufactured items are required to conform (A) / confirm (B) to certain standards set forth by the government.
- 5) The leaders of the party are trying to coble (A)/ cobble (B) together a coalition of like-minded parties.

- a) ABAAB
- b) AABBB
- c) BABAB
- d) BBAAB
- e) none of these

Ans: a

Explanation:

- 1) 'imperious' means 'overbearing' or 'domineering' whereas, 'impervious' means 'not responsive to an argument, outside influence etc. hence, 'imperious' (A) is the correct option here.
- 2) 'click' means 'as slight sharp sound' and 'clique' means 'a small exclusive group of people'. Hence, 'clique' (B) is suitable in the context.
- 3) 'Loath' means disinclined, or reluctant and it is often followed by 'to' whereas, 'loathe' means 'to detest' or 'to abominate'. Hence, 'loath' is the right word in the context.
- 4) while 'conform' means to comply with rules, 'confirm' means to provide support for the truth or correctness of something". Hence, conform (A) is the right word here.
- 5) while 'coble' is a flat – bottomed fishing boat, 'cobble' means to join or assemble together. It is often followed by together. Hence, (B) The sequence of right options is ABAAB.

38. In the following questions, statements 1 and 6 are respectively the first and the last sentences of a paragraph. Statements A, B, C and D come in between them. Rearrange A, B, C and D in such a manner that they make a coherent paragraph together with the statements 1 to 6. Select the correct order from the given choices and mark its number as your answer.

- 1) the institution of the moral sentiment is an insight of the perfection of the laws of the soul.
- A. Thus, in the soul of man there is a justice whose retributions are instant and entire.
- B. He who does a mean deed is by the action itself contracted.
- C. They are out of time, out of space, and not subject to circumstances.
- D. These laws execute by themselves.
- 6) He who does a good deed is instantly ennobled.

- a) CDAB
- b) ADCB
- c) DCAB
- d) DCBA
- e) CBAD

Ans: c

Explanation: One method of arranging the sentences is by finding the link between any two given statements, and then look for this order in the choices. B is connected to 6. Hence, B must precede 6. So, choice 4 and 5 are eliminated. 'Laws' in 1 connects it to 'these laws' in D and 'they' in C refers to 'laws' in D. so, the correct order is DCAB.

39. In the following questions, statements 1 and 6 are respectively the first and the last sentences of a paragraph. Statements A, B, C and D come in between them. Rearrange A, B, C and D in such a manner that they make a coherent paragraph together with the statements 1 to 6. Select the correct order from the given choices and mark its number as your answer.

- 1) It is easier to be courageous when you do not have to function in a democracy.
- A. It is particularly so in a democracy, where there is never a dull electoral moment.
- B. There is always some election round the corner where the large picture is going to be clouded over by the lurid stains of propaganda.
- C. Seem soft on Punjab and the opposition will pummel you in the assembly elections.
- D. So, restrain your hand and postpone a decision.
- 6) wait for another "opportune moment", which of course never really comes.

- a) ABCD
- b) BDCA
- c) ACBD
- d) DCBA
- e) ADBC

Ans: a

Explanation: The word 'easier to the courageous' and 'particularly so' connect 1 and A. Both sentences refer to the situation in a democracy. So, b and d can be eliminated. 'Never a dull electoral' in A is clearly linked to 'some election round the corner' in B. C following B is clear because the words 'propaganda' in B and 'pummel' in C convey the idea of parties exploiting controversial issues during campaigning. The words 'postpone' in D and 'opportune moment' in 6 serve as key words. Hence, the correct order is ABCD.

40. In the questions below, four different ways of writing a sentence are indicated. Choose the best way of writing the sentence.

- a) Today majority of communication in the business world are accomplished over e-mails.
- b) A majority of communication in the business world today, is accomplished over e-mails.
- c) A majority of communication in the business world today are accomplished over e-mails.
- d) A majority of communications today in the business world are accomplished over e-mails.

Ans: b

Explanation: Stylistically an event comes first and time frame later, hence 'a' is incorrect. 'majority of communication' takes the verb 'is' since it is an uncountable noun. Hence, 'are' is incorrect in 'c' and 'd'. Further 'communications' in 'd' is not correct. In this way 'b' has no error.

1. Who is the present chairman of LIC?
Ans. MR Kumar
2. Which Indian women cricketer has been named as goodwill ambassador of Team India at street child cricket world cup?
Ans. Mithali Raj
3. Paisa Portal has been launched by which bank?
Ans. Allahabad Bank (launched in November 2018)
4. Which company has been conferred with Non-Life Insurance of the year award 2019 by ASSOCHAM?
Ans. Bharti AXA General
5. The book Celestial Bodies has been written by?
Ans. Jokha Al-harhi
6. Who is the present External Affairs minister?
Ans. S Jaishankar
7. Which country launched the Ravana-1 satellite?
Ans. Sri Lanka
8. Exercise Mitra Shakti VI is held between India and _____?
Ans. Sri Lanka
9. Academy Award 2019 for best actor male?
Ans. Rami Malek
10. Which card has been launched for multipurpose objectives (money withdrawal, shopping, travelling)?
Ans. One nation one card
11. Which state has taken the step to control west Nile virus?
Ans. Kerala
12. MD of Truecaller for India operation?
Ans. Sandeep Patil
13. Indra Grah Jyoti Yojana is associated with which state?
Ans. Madhya Pradesh
14. Which country has launched world's first wireless electric car charging stations?
Ans. Norway
15. Which IT company has partnered with department of post to modernize a network of more than 1.5 lakh post offices in the country?
Ans. Tata Consultancy Services
16. Which country has tested world's first armed amphibious drone boat?
Ans. China
17. Which state has started Annadata Sukhibhava Scheme?
Ans. Andhra Pradesh
18. UN has awarded "Kanyashree" scheme. Which state in India has started this scheme?
Ans. West Bengal
19. PM Narendra Modi declared "April 2019-March 2020" as which of the following theme?
Ans. Construction technology year
20. A new railway zone for Andhra Pradesh, southern coast railway zone has been created. The headquarter of the same will be in?
Ans. Visakhapatnam