

NICL Assistant Prelims Memory-Based Paper 12 April 2015

Directions (1-8): Read the following passage and answer the questions that follow.

Human beings and nature have a very special relationship. Mother Nature has nurtured and nourished us. The first civilizations were established on the banks of rivers. Societies that live in harmony with nature flourish and prosper. Today, human society stands at an important crossroads. The path that we take hereon will not only determine our well-being but also that of the generations who will inhabit our planet after us. The imbalances between our greed and necessities have led to grave ecological imbalances. We can either accept this, go ahead with things as if it is business as usual, or we can take corrective actions.

Three things will determine how we as a society can bring a positive change. The first is internal consciousness. For that, there is no better place to look than our glorious past. Respect for nature is at the core of India's traditions. The Atharvaveda contains the Prithvi Sukta, which contains unparalleled knowledge about nature and the environment. It is beautifully written in Atharvaveda : Salutations to Mother Earth. Leading lifestyles that are harmonious and sustainable are a part of our ethos. Once we realize how we are flag bearers of a rich tradition, it will automatically have a positive impact on our actions.

The second aspect is public awareness. We need to talk, write, debate, discuss and deliberate as much as possible on questions relating to the environment. At the same time, it is vital to encourage research and innovation on subjects relating to the environment. This is when more people will know about the pressing challenges of our times and ways to mitigate them. When we as a society are aware of our strong links with environmental conservation and talk about it regularly, we will automatically be proactive in working towards a sustainable environment. We see proactiveness in the Swachh Bharat Mission, which is directly linked to a sustainable future. With the blessings of the people of India, over 85 million households now have access to toilets for the first time. Over 400 million Indians no longer have to defecate in the open. Sanitation coverage is up from 39% to 95%. These are landmark efforts in the quest of reducing the strain on our natural surroundings. Our country is devoting unparalleled attention to new and renewable sources of energy. Over the last four years, this sector has become more accessible and affordable. The Ujala Yojana has led to the distribution of nearly 31 crore LED bulbs. The costs of LED bulbs have reduced and so have the electricity bills and the CO₂ emissions.

While the world is talking about climate change, the call for climate justice has also reverberated from India. Climate justice is about safeguarding the rights and interests of the poor and marginalized sections of society, who are often the biggest sufferers from the menace of climate change. It is up to us to take on the mantle of global responsibility towards a sustainable future. The world needs to shift to a paradigm of environmental philosophy that is anchored in environmental consciousness rather than merely in government regulations. Individuals and organizations who are working assiduously in this direction have become the harbingers of a monumental change in our society. Together, we will create a clean environment that will be the cornerstone of human empowerment!

Q1. According to the author, what has led to the serious ecological imbalance in nature?

- (a) Poor and marginalized section of the society.
- (b) The cost of LED bulbs and Co₂ emissions
- (c) Volcanic eruptions.
- (d) Imbalance between our greed and necessities.
- (e) All of these.

Ans.(d)

Q2. What are some of the specifics of Atharva Veda?

- (a) Description about working towards a sustainable environment.
- (b) How to bring effective changes in the society.
- (c) Exceptional knowledge about nature and the environment.
- (d) Elaboration of human empowerment.
- (e) Consciousness about human mind.

Ans.(c)

Q3. When shall the subjects related to environment be encouraged?

- (a) Over-harvesting of natural resources.
- (b) When there will be public awareness, discussions, talks, debates on questions relating to the environment.
- (c) Choosing energy efficient appliances.
- (d) By promoting climate justice.
- (e) All of these.

Ans.(b)

Q4. What are some of the landmark efforts in the quest to reduce strain on environment as mentioned in the passage?

- (a) Leading lifestyles that are sustainable and harmonious.
- (b) Focus on new and renewable sources of energy.
- (c) Sanitation coverage is up from 39% to 95%.
- (d) Both (b) and (c)
- (e) Both (a) and (b)

Ans.(d)

Q5. What is/are the factor/(s) to which the methodology of environmental philosophy is anchored?

- (a) Government Regulations
- (b) Environmental Consciousness
- (c) Safeguarding the rights and interests of the poor.
- (d) Both (a) and (b)
- (e) Both (b) and (c)

Ans.(d)

Q6. What can be the most appropriate title of the passage?

- (a) Climate Justice
- (b) In Harmony with Mother Nature
- (c) Imbalance in nature
- (d) Human empowerment
- (e) Environmental Conservation

Ans.(b)

Q7. What is the antonym of the given word?

Flourish

- (a) Thrive
- (b) Prosper
- (c) Develop
- (d) Bloom
- (e) Shrink

Ans.(e)

Q8. What is the synonym of the given word?

Innovation

- (a) Stagnation
- (b) Novelty
- (c) Deterioration
- (d) Vocation
- (e) Imitation

Ans.(b)

Q9. India has (A) cases to become the global (B) performing in the number of new daily (C) managed of COVID-19 and the worst (D) leader of all major (E) economies during the pandemic so far.

In each of the questions given below five words are given in bold. These five words may or may not be in their correct position. The sentence is then followed by options with the correct combination of words that should interchange with each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that replace each other.

- (a) A-D & B-E
- (b) C-E
- (c) B-D & C-A
- (d) E-A & B-C
- (e) No interchange required.

Ans.(c)

Q10. The good rabi (A) revive and very good monsoon provided some (B) respite in agriculture, but with (C) incomes down, farm prices are unlikely to (D) harvest and ensure (E) sufficient returns for cultivators over the year. In each of the questions given below five words are given in bold. These five words may or may not be in their correct position. The sentence is then followed by options with the correct combination of words that should interchange with each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that replace each other.

- (a) B-E
- (b) A-D
- (c) E-A & B-C
- (d) B-D & C-A
- (e) No interchange required.

Ans.(b)

Q11. Coronavirus-hit domestic aviation industry (A)/ require a capital infusion of around \$5 billion (B)/ to keep it afloat as expected consolidated (C)/ industry losses may stand at \$6-6.5 billion. (D)

In the following questions each sentence is divided in five parts. Read each sentence to find out if there is any error in any of the parts. The error, if any will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is grammatically and contextually correct, then choose option "No error" as answer.

- (a) D
- (b) B
- (c) C
- (d) A
- (e) No Error

Ans.(b)

Q12. Budget carrier IndiGo, which is one (A)/ of the two listed airlines along (B)/ with SpiceJet in India, reported (C)/ its highest ever quarterly loss. (D)

In the following questions each sentence is divided in five parts. Read each sentence to find out if there is any error in any of the parts. The error, if any will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is grammatically and contextually correct, then choose option "No error" as answer.

- (a) D
- (b) B
- (c) C
- (d) A
- (e) No Error

Ans.(e)

Q13. The Brown County Sheriff's Office is (A)/ trying to identify four people who (B)/ rented vehicles in the Green Bay area and (C)/ than stole from stores in Wisconsin and Minnesota. (D)

In the following questions each sentence is divided in five parts. Read each sentence to find out if there is any error in any of the parts. The error, if any will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is grammatically and contextually correct, then choose option "No error" as answer.

- (a) D
- (b) B
- (c) C
- (d) A
- (e) No Error

Ans.(a)

Q14. With 3,555 more people (A)/ testing corona positive on (B)/ Wednesday, the corona tally (C)/ in the State has raised to 1,15,279. (D)

In the following questions each sentence is divided in five parts. Read each sentence to find out if there is any error in any of the parts. The error, if any will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is grammatically and contextually correct, then choose option "No error" as answer.

- (a) D
- (b) B
- (c) C
- (d) A
- (e) No Error

Ans.(a)

Q15. Okra is not widely distributed (A)/ outside the ethnic markets, (B)/ mostly because consumers (C)/ don't know to cook it. (D)

In the following questions each sentence is divided in five parts. Read each sentence to find out if there is any error in any of the parts. The error, if any will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is grammatically and contextually correct, then choose option "No error" as answer.

- (a) D
- (b) B
- (c) C
- (d) A
- (e) No Error.

Ans.(a)

Q16. The excutive branch has expanded its power globally, in the wake of the pandemic, and not rarely, using it as a facade for aggrandisement.

In each of the given questions, few words have been highlighted. One of the highlighted words may be incorrectly spelt. Identify the word that has been spelt incorrectly and mark that as your answer. If none of the highlighted words have been spelt incorrectly, mark option "All are correct", as your answer.

- (a) excutive
- (b) globally
- (c) pandemic
- (d) facade
- (e) All are correct.

Ans.(a)

Q17. The race to a vaccine is a relay — at every stage, there are people passing on the bation, and it's the government's responsibility to grasp it at the last mile.

In each of the given questions, few words have been highlighted. One of the highlighted words may be incorrectly spelt. Identify the word that has been spelt incorrectly and mark that as your answer. If none of the highlighted words have been spelt incorrectly, mark option "All are correct", as your answer.

- (a) vaccine
- (b) relay
- (c) bation
- (d) grasp
- (e) All are correct.

Ans.(c)

Q18. As several vaccine efforts are progressing at varying paces, globally, concerns about access to a vaccine in the future have crept into the narative.

In each of the given questions, few words have been highlighted. One of the highlighted words may be incorrectly spelt. Identify the word that has been spelt incorrectly and mark that as your answer. If none of the highlighted words have been spelt incorrectly, mark option "All are correct", as your answer.

- (a) progressing
- (b) varying
- (c) crept
- (d) narative
- (e) All are correct.

Ans.(d)

Q19. It may be assumed that the knowledge and wherewithal to run a full-scale vaccination programme rests with the health administration — both at the central and the State level.

In each of the given questions, few words have been highlighted. One of the highlighted words may be incorrectly spelt. Identify the word that has been spelt incorrectly and mark that as your answer. If none of the highlighted words have been spelt incorrectly, mark option "All are correct", as your answer.

- (a) assumed
- (b) knowledge
- (c) vaccination
- (d) administration
- (e) All are correct.

Ans.(c)

Q20. In response, our armed forces have made appropriate counter deployments in these areas to ensure that India's security interests are fully protracted.

In each of the given questions, few words have been highlighted. One of the highlighted words may be incorrectly spelt. Identify the word that has been spelt incorrectly and mark that as your answer. If none of the highlighted words have been spelt incorrectly, mark option "All are correct", as your answer.

- (a) Response
- (b) Appropriate
- (c) Ensure
- (d) Protracted
- (e) All are correct

Ans.(d)

Q21. Factory output continued to contract in July, _____ marginally slower than in June, reflecting the depressed economic conditions as the pandemic rages on.

In each of the question given below, a statement has been given with a blank. Five words have been given in the options following the statement. Choose the most appropriate word that could fit in the statement to make it contextually meaningful and grammatically correct.

- (a) Notwithstanding
- (b) Subsequently
- (c) Simultaneously
- (d) Nevertheless
- (e) Albeit

Ans.(e)

Q22. The manufacture of pharmaceuticals climbed 22% in July, making it the _____ product to post an expansion of 1.8% over April-July.

In each of the question given below, a statement has been given with a blank. Five words have been given in the options following the statement. Choose the most appropriate word that could fit in the statement to make it contextually meaningful and grammatically correct.

- (a) Suffix
- (b) System
- (c) Solitary
- (d) Stiffen
- (e) Solidarity

Ans.(c)

Q23. In our _____ with managing the COVID-19 pandemic, we should not lose sight of special issues that may pose problems for women in the reproductive age group.

In each of the question given below, a statement has been given with a blank. Five words have been given in the options following the statement. Choose the most appropriate word that could fit in the statement to make it contextually meaningful and grammatically correct.

- (a) Persecution
- (b) Preoccupation
- (c) Prohibition
- (d) Premonition
- (e) None of these.

Ans.(b)

Q24. The ongoing crisis in eastern Ladakh has raised many issues on the range and _____ of India-China relations.

In each of the question given below, a statement has been given with a blank. Five words have been given in the options following the statement. Choose the most appropriate word that could fit in the statement to make it contextually meaningful and grammatically correct.

- (a) Transitional
- (b) Tranquility
- (c) Transient
- (d) Trajectory
- (e) None of these.

Ans.(d)

Q25. Some experts argue that the _____ of the current problem lies in the first agreement signed between India and China in 1993.

In each of the question given below, a statement has been given with a blank. Five words have been given in the options following the statement. Choose the most appropriate word that could fit in the statement to make it contextually meaningful and grammatically correct.

- (a) Gerund
- (b) Germane
- (c) Genesis
- (d) Genetics
- (e) None of these.

Ans.(c)

Q26. Which of the following statement will be the second statement after rearrangement?

Rearrange the following sentences in the proper sequence to form a meaningful paragraph and then answer the questions given below.

- (A) Globally, it took roughly 45 days for the first 100,000 cases. It is likely to take nine days for the next 100,000.
- (B) That is how epidemics work — they gather steam as infected individuals go on to infect even more people.
- (C) Could this really be the case that we have fared better than everyone else?
- (D) As the COVID-19 pandemic fells country after country, many in India are wondering if we are somehow different.
- (E) But the confirmed cases in India, as of today stand at 158, much lower than small countries such as Iceland (250).
- (F) The global death count is now doubling every nine days and stands at 8,248, with 207,518 confirmed cases.

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

Ans.(a)

Q27. Which of the following statement will be the THIRD statement after rearrangement?

Rearrange the following sentences in the proper sequence to form a meaningful paragraph and then answer the questions given below.

- (A) Globally, it took roughly 45 days for the first 100,000 cases. It is likely to take nine days for the next 100,000.
- (B) That is how epidemics work — they gather steam as infected individuals go on to infect even more people.
- (C) Could this really be the case that we have fared better than everyone else?
- (D) As the COVID-19 pandemic fells country after country, many in India are wondering if we are somehow different.
- (E) But the confirmed cases in India, as of today stand at 158, much lower than small countries such as Iceland (250).
- (F) The global death count is now doubling every nine days and stands at 8,248, with 207,518 confirmed cases.

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

Ans.(d)

Q28. Which of the following statement will be the last statement after rearrangement?

Rearrange the following sentences in the proper sequence to form a meaningful paragraph and then answer the questions given below.

- (A) Globally, it took roughly 45 days for the first 100,000 cases. It is likely to take nine days for the next 100,000.
- (B) That is how epidemics work — they gather steam as infected individuals go on to infect even more people.
- (C) Could this really be the case that we have fared better than everyone else?
- (D) As the COVID-19 pandemic fells country after country, many in India are wondering if we are somehow different.
- (E) But the confirmed cases in India, as of today stand at 158, much lower than small countries such as Iceland (250).
- (F) The global death count is now doubling every nine days and stands at 8,248, with 207,518 confirmed cases.

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

Ans.(b)

Q29. Which of the following statement will be the first statement after rearrangement?

Rearrange the following sentences in the proper sequence to form a meaningful paragraph and then answer the questions given below.

- (A) Globally, it took roughly 45 days for the first 100,000 cases. It is likely to take nine days for the next 100,000.
- (B) That is how epidemics work — they gather steam as infected individuals go on to infect even more people.
- (C) Could this really be the case that we have fared better than everyone else?
- (D) As the COVID-19 pandemic fells country after country, many in India are wondering if we are somehow different.
- (E) But the confirmed cases in India, as of today stand at 158, much lower than small countries such as Iceland (250).
- (F) The global death count is now doubling every nine days and stands at 8,248, with 207,518 confirmed cases.

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

Ans.(d)

Q30. Which of the following statement will be the fourth statement after rearrangement?

Rearrange the following sentences in the proper sequence to form a meaningful paragraph and then answer the questions given below.

- (A) Globally, it took roughly 45 days for the first 100,000 cases. It is likely to take nine days for the next 100,000.
- (B) That is how epidemics work — they gather steam as infected individuals go on to infect even more people.
- (C) Could this really be the case that we have fared better than everyone else?
- (D) As the COVID-19 pandemic fells country after country, many in India are wondering if we are somehow different.
- (E) But the confirmed cases in India, as of today stand at 158, much lower than small countries such as Iceland (250).
- (F) The global death count is now doubling every nine days and stands at 8,248, with 207,518 confirmed cases.

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

Ans.(c)

Q31. If the 12 elements from the left end in the given series is reversed then which among the following element is 15th element from the right end?

Study the following alphanumeric - symbol series carefully and answer the questions given below:

2 F # G 4 @ D 7 E G * 4 3 B D ^ 2 E 4 5 A F 4 D

- (a) D
- (b) B
- (c) #
- (d) F
- (e) None of these

Ans.(c)

Q32. How many numbers are there in the series which are immediately preceded by a symbol and immediately followed by a consonant?

Study the following alphanumeric - symbol series carefully and answer the questions given below:

2 F # G 4 @ D 7 E G * 4 3 B D ^ 2 E 4 5 A F 4 D

- (a) One
- (b) None
- (c) Two
- (d) Three
- (e) None of these

Ans.(b)

Q33. What will the sum of 2nd prime number in series from the left end and 4th number in series from the right end?

Study the following alphanumeric - symbol series carefully and answer the questions given below:

2 F # G 4 @ D 7 E G * 4 3 B D ^ 2 E 4 5 A F 4 D

- (a) 10
- (b) 9
- (c) 8
- (d) 11
- (e) None of these

Ans.(b)

Q34. How many symbols are there to the left of the element which is 5th from the right end?

Study the following alphanumeric - symbol series carefully and answer the questions given below:

2 F # G 4 @ D 7 E G * 4 3 B D ^ 2 E 4 5 A F 4 D

- (a) One
- (b) Three
- (c) Two
- (d) More than three
- (e) None of these

Ans.(d)

Q35. Which of the following element is sixth to the left of the element which is eighth from the right end?

Study the following alphanumeric - symbol series carefully and answer the questions given below:

2 F # G 4 @ D 7 E G * 4 3 B D ^ 2 E 4 5 A F 4 D

- (a) *
- (b) 4
- (c) 3

-
- (d) G
(e) None of these

Ans.(a)

Q36. Statements:

All Elephants are Mammals
Some Mammals are Herbivores
Some Dumbo is an Elephants

Conclusions:

- I. All Dumbo is a Mammals
II. Some Dumbo is Herbivores

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

- (a) If only conclusion I follows
(b) If only conclusion II follows
(c) If either conclusion I or II follows
(d) If neither conclusion I nor II follows
(e) If both conclusions I and II follow

Ans.(d)

Q37. Statements:

No reptiles are insects
All spider are insects
Some Arachne is a spider

Conclusions:

- I. All Arachne is a Reptiles
II. Some Arachne are Insects

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

- (a) If only conclusion I follows
(b) If only conclusion II follows
(c) If either conclusion I or II follows
(d) If neither conclusion I nor II follows
(e) If both conclusions I and II follow

Ans.(b)

Q38. Statements:

Some Rose are Red
All Red is Beautiful
Only a few Beautiful is Good

Conclusions:

- I. Some Rose is Beautiful
II. No Good is Rose

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

- (a) If only conclusion I follows
- (b) If only conclusion II follows
- (c) If either conclusion I or II follows
- (d) If neither conclusion I nor II follows
- (e) If both conclusions I and II follow

Ans.(a)

Q39. Statements:

No buses are trains

All trains are vehicles

Only a few Comets is Vehicles

Conclusions:

I. Some Comets are not bus

II. Some trains can be Comets

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

- (a) If only conclusion I follows
- (b) If only conclusion II follows
- (c) If either conclusion I or II follows
- (d) If neither conclusion I nor II follows
- (e) If both conclusions I and II follow

Ans.(b)

Q40. Who among the following person lives in the UK?

Study the following information carefully and answer the questions given below:

Five persons i.e., Ramesh, Rajesh, Ravi, Rakesh and Raju live in five different countries i.e., USA, UK, India, Japan and Russia. They also visit different cities (Tokyo, Austin, California, Delhi and Moscow) for holiday. All the information is not necessarily in the same order.

Ramesh who lives in the USA does not visit for a holiday to Tokyo. Raju visits for the holiday to California. Rakesh does not live in Russia. The person who lives in Russia visits for a holiday to Tokyo. The person who visits for a holiday to Delhi does not live in India. Rakesh visits for a holiday to Moscow. Ravi neither lives in Russia nor visits for a holiday to Delhi. The person who lives in Japan neither visits California nor Moscow. Raju does not live in India.

- (a) Rakesh
- (b) Raju
- (c) The person who visits for a holiday to Delhi
- (d) The person who visits for a holiday to Austin
- (e) None of these

Ans.(b)

Q41. Where does Rakesh live?

Study the following information carefully and answer the questions given below:

Five persons i.e., Ramesh, Rajesh, Ravi, Rakesh and Raju live in five different countries i.e., USA, UK, India, Japan and Russia. They also visit different cities (Tokyo, Austin, California, Delhi and Moscow) for holiday. All the information is not necessarily in the same order.

Ramesh who lives in the USA does not visit for a holiday to Tokyo. Raju visits for the holiday to California. Rakesh does not live in Russia. The person who lives in Russia visits for a holiday to Tokyo. The person who visits for a holiday to Delhi does not live in India. Rakesh visits for a holiday to Moscow. Ravi neither lives in Russia nor visits for a holiday to Delhi. The person who lives in Japan neither visits California nor Moscow. Raju does not live in India.

- (a) India
- (b) Either USA or India
- (c) UK
- (d) Japan
- (e) None of these

Ans.(a)

Q42. Who among the following person visits for a holiday to Austin?

Study the following information carefully and answer the questions given below:

Five persons i.e., Ramesh, Rajesh, Ravi, Rakesh and Raju live in five different countries i.e., USA, UK, India, Japan and Russia. They also visit different cities (Tokyo, Austin, California, Delhi and Moscow) for holiday. All the information is not necessarily in the same order.

Ramesh who lives in the USA does not visit for a holiday to Tokyo. Raju visits for the holiday to California. Rakesh does not live in Russia. The person who lives in Russia visits for a holiday to Tokyo. The person who visits for a holiday to Delhi does not live in India. Rakesh visits for a holiday to Moscow. Ravi neither lives in Russia nor visits for a holiday to Delhi. The person who lives in Japan neither visits California nor Moscow. Raju does not live in India.

- (a) The person who lives in the USA
- (b) Ravi
- (c) Rajesh
- (d) The person who lives in India
- (e) Cannot be determined

Ans.(b)

Q43. Which of the following combination(s) is/are correct?

Study the following information carefully and answer the questions given below:

Five persons i.e., Ramesh, Rajesh, Ravi, Rakesh and Raju live in five different countries i.e., USA, UK, India, Japan and Russia. They also visit different cities (Tokyo, Austin, California, Delhi and Moscow) for holiday. All the information is not necessarily in the same order.

Ramesh who lives in the USA does not visit for a holiday to Tokyo. Raju visits for the holiday to California. Rakesh does not live in Russia. The person who lives in Russia visits for a holiday to Tokyo. The person who visits for a holiday to Delhi does not live in India. Rakesh visits for a holiday to Moscow. Ravi neither lives in Russia nor visits for a holiday to Delhi. The person who lives in Japan neither visits California nor Moscow. Raju does not live in India.

- (a) Raju - Moscow
- (b) Ramesh – California
- (c) Japan –Austin
- (d) Rajesh- Austin
- (e) All are correct

Ans.(c)

Q44. Who among the following person lives in India?

Study the following information carefully and answer the questions given below:

Five persons i.e., Ramesh, Rajesh, Ravi, Rakesh and Raju live in five different countries i.e., USA, UK, India, Japan and Russia. They also visit different cities (Tokyo, Austin, California, Delhi and Moscow) for holiday. All the information is not necessarily in the same order.

Ramesh who lives in the USA does not visit for a holiday to Tokyo. Raju visits for the holiday to California. Rakesh does not live in Russia. The person who lives in Russia visits for a holiday to Tokyo. The person who visits for a holiday to Delhi does not live in India. Rakesh visits for a holiday to Moscow. Ravi neither lives in Russia nor visits for a holiday to Delhi. The person who lives in Japan neither visits California nor Moscow. Raju does not live in India.

- (a) None of these
- (b) Rajesh
- (c) Rakesh
- (d) Ravi
- (e) The person who visits for a holiday to Austin

Ans.(c)

Q45. If we form a four-letter meaningful word with the 3rd, 5th, 6th and 9th letter from the left end of the word "TRANSFORM" (Using each letter once), then what would be the third letter of that meaningful word? If no meaningful word is formed, then mark the answer as X. If more than one meaningful word is formed then mark the answer as Z.

- (a) Z
- (b) F
- (c) A
- (d) X
- (e) S

Ans.(d)

Q46. How Y is related to V?

Study the following information carefully and answer the questions given below.

There are eight members in a family of three generation. A is uncle of X. L is mother of X. L has no siblings. Y is grandchild of M. V is brother-in-law of X and has no child. X and V are of different gender. X has no siblings. Z is cousin of X. There are only two females in the family. K is one of the members.

- (a) Nephew
- (b) Niece
- (c) Either Nephew or Niece
- (d) Son
- (e) None of these

Ans.(a)

Q47. Who among the following is Son-in-Law of L?

Study the following information carefully and answer the questions given below.

There are eight members in a family of three generation. A is uncle of X. L is mother of X. L has no siblings. Y is grandchild of M. V is brother-in-law of X and has no child. X and V are of different gender. X has no siblings. Z is cousin of X. There are only two females in the family. K is one of the members.

- (a) V
- (b) Z
- (c) K
- (d) Cannot be determined

(e) None of these

Ans.(c)

Q48. How M is related to Z?

Study the following information carefully and answer the questions given below.

There are eight members in a family of three generation. A is uncle of X. L is mother of X. L has no siblings. Y is grandchild of M. V is brother-in-law of X and has no child. X and V are of different gender. X has no siblings. Z is cousin of X. There are only two females in the family. K is one of the members.

- (a) Uncle
- (b) Brother
- (c) Father
- (d) Grandfather
- (e) None of these

Ans.(a)

Q49. If B pays Rs. 600 less than the amount paid by C then how much amount will be paid by I?

Study the following information carefully and answer the questions given below:

Seven persons are arranged according to their payment for airplane ticket (in descending order) from left to right. Only one person pays more amount than C. Two persons pay between C and U. D either pays just higher amount or just lower amount than U. As many persons pays more amount than U as pay less amount than Z, B pays more amount than I. B does not pay the highest amount.

D does not pay the second lowest amount. Person who pays second highest amount will have to pay Rs. 1500. M is one of the persons.

- (a) Rs. 800
- (b) Rs. 750
- (c) Rs .1000
- (d) Either Rs. 800 or Rs. 750
- (e) None of these

Ans.(d)

Q50. How many persons buys costlier tickets than M?

Study the following information carefully and answer the questions given below:

Seven persons are arranged according to their payment for airplane ticket (in descending order) from left to right. Only one person pays more amount than C. Two persons pay between C and U. D either pays just higher amount or just lower amount than U. As many persons pays more amount than U as pay less amount than Z, B pays more amount than I. B does not pay the highest amount.

D does not pay the second lowest amount. Person who pays second highest amount will have to pay Rs. 1500. M is one of the persons.

- (a) Three
- (b) Two
- (c) One
- (d) None
- (e) None of these

Ans.(d)

Q51. Who among the following persons has as many persons buys before him as after him?

Study the following information carefully and answer the questions given below:

Seven persons are arranged according to their payment for airplane ticket (in descending order) from left to right. Only one person pays more amount than C. Two persons pay between C and U. D either pays just higher amount or just lower amount than U. As many persons pays more amount than U as pay less amount than Z, B pays more amount than I. B does not pay the highest amount.

D does not pay the second lowest amount. Person who pays second highest amount will have to pay Rs. 1500. M is one of the persons.

- (a) Z
- (b) M
- (c) D
- (d) U
- (e) None of these

Ans.(c)

Q52. How many such pairs of letters are there in the given word "COMPETITIVE", each of which has as many letters between them as they have in English alphabetical series (In forward and backward direction)?

- (a) Four
- (b) Three
- (c) Five
- (d) More than five
- (e) None of these

Ans.(d)

Q53. How many persons sit between F and E?

Study the following information carefully and answer the questions given below:

Eight persons- D, J, E, H, F, L, K and A sits in a row such that all of them face towards north but not necessarily in the same order. A sits third to the right of L. Either A or L sits at one of the ends. One person sits between H and L. As many persons sit between H and A as between F and J. Neither F nor J sits adjacent to L. F sits to the left of H. Neither F nor J sits at any of the end. More than one person sit to the left of J. As many persons sit to the left of J as to the right of E. More than two persons sit between L and D.

- (a) One
- (b) Three
- (c) Two
- (d) Four
- (e) None of these

Ans.(b)

Q54. What is the position of D with respect to K?

Study the following information carefully and answer the questions given below:

Eight persons- D, J, E, H, F, L, K and A sits in a row such that all of them face towards north but not necessarily in the same order. A sits third to the right of L. Either A or L sits at one of the ends. One person sits between H and L. As many persons sit between H and A as between F and J. Neither F nor J sits adjacent to L. F sits to the left of H. Neither F nor J sits at any of the end. More than one person sit to the left of J. As many persons sit to the left of J as to the right of E. More than two persons sit between L and D.

- (a) Immediate left
- (b) Immediate right
- (c) Third to the left

(d) Second to the right

(e) None of these

Ans.(c)

Q55. Who among the following person sits third to the right of J?

Study the following information carefully and answer the questions given below:

Eight persons- D, J, E, H, F, L, K and A sits in a row such that all of them face towards north but not necessarily in the same order. A sits third to the right of L. Either A or L sits at one of the ends. One person sits between H and L. As many persons sit between H and A as between F and J. Neither F nor J sits adjacent to L. F sits to the left of H. Neither F nor J sits at any of the end. More than one person sit to the left of J. As many persons sit to the left of J as to the right of E. More than two persons sit between L and D.

(a) H

(b) E

(c) L

(d) A

(e) None of these

Ans.(b)

Q56. Which among the following statement(s) is/are true?

Study the following information carefully and answer the questions given below:

Eight persons- D, J, E, H, F, L, K and A sits in a row such that all of them face towards north but not necessarily in the same order. A sits third to the right of L. Either A or L sits at one of the ends. One person sits between H and L. As many persons sit between H and A as between F and J. Neither F nor J sits adjacent to L. F sits to the left of H. Neither F nor J sits at any of the end. More than one person sit to the left of J. As many persons sit to the left of J as to the right of E. More than two persons sit between L and D.

(a) Four persons sit between F and E

(b) F sits third to the left of K

(c) D sits at one of the ends

(d) K and L doesn't sit adjacent to each other

(e) All are true

Ans.(c)

Q57. How many persons sits to the left of H?

Study the following information carefully and answer the questions given below:

Eight persons- D, J, E, H, F, L, K and A sits in a row such that all of them face towards north but not necessarily in the same order. A sits third to the right of L. Either A or L sits at one of the ends. One person sits between H and L. As many persons sit between H and A as between F and J. Neither F nor J sits adjacent to L. F sits to the left of H. Neither F nor J sits at any of the end. More than one person sit to the left of J. As many persons sit to the left of J as to the right of E. More than two persons sit between L and D.

(a) One

(b) More than three

(c) Three

(d) Two

(e) None of these

Ans.(b)

Q58. What is the code for the word "Preparation"?

Study the following information carefully and answer the questions accordingly.

In a certain code language,

"Exam preparation boost up" is coded as "tp wa ju ca"

"Boost up your speed" is coded as "ca xq vd tp"

"Speed and accuracy preparation" is coded as "ju mk lf xq"

"Boost and bank" is coded as "sr mk ca"

- (a) wa
- (b) ju
- (c) ca
- (d) lf
- (e) Can't be determined

Ans.(b)

Q59. What is the code for the word "Speed"?

Study the following information carefully and answer the questions accordingly.

In a certain code language,

"Exam preparation boost up" is coded as "tp wa ju ca"

"Boost up your speed" is coded as "ca xq vd tp"

"Speed and accuracy preparation" is coded as "ju mk lf xq"

"Boost and bank" is coded as "sr mk ca"

- (a) sr
- (b) wa
- (c) tp
- (d) xq
- (e) None of these

Ans.(d)

Q60. What is the code for the words "Boost Accuracy"?

Study the following information carefully and answer the questions accordingly.

In a certain code language,

"Exam preparation boost up" is coded as "tp wa ju ca"

"Boost up your speed" is coded as "ca xq vd tp"

"Speed and accuracy preparation" is coded as "ju mk lf xq"

"Boost and bank" is coded as "sr mk ca"

- (a) ca sr
- (b) ju lf
- (c) lf ca
- (d) Can't be determined
- (e) tp lf

Ans.(c)

Q61. Who among the following person sits exactly between C and B?

Study the following information carefully and answer the questions given below.

Seven persons A, B, C, D, E, F and G sit around a circular table but not necessarily in the same order. Some of them are facing towards the center of the table while others are facing away from the center of the table. Not more than two persons sit adjacent to each other faces same direction.

C sits 2nd to the left of G. One person sits between C and B. F sits 3rd to the right of B. Two persons sit between F and A who is facing in opposite direction as of G. D and A sits immediate right to each other. D is facing towards the center of the table. Immediate neighbours of C face same in direction but opposite to C.

- (a) A
- (b) D
- (c) E
- (d) F
- (e) G

Ans.(c)

Q62. Which of the following two pair of persons are facing towards the center of the table?

Study the following information carefully and answer the questions given below.

Seven persons A, B, C, D, E, F and G sit around a circular table but not necessarily in the same order. Some of them are facing towards the center of the table while others are facing away from the center of the table. Not more than two persons sit adjacent to each other faces same direction.

C sits 2nd to the left of G. One person sits between C and B. F sits 3rd to the right of B. Two persons sit between F and A who is facing in opposite direction as of G. D and A sits immediate right to each other. D is facing towards the center of the table. Immediate neighbours of C face same in direction but opposite to C.

- (a) E and G
- (b) B and C
- (c) C and A
- (d) F and E
- (e) All of these

Ans.(b)

Q63. Who sits 4th to the left of G?

Study the following information carefully and answer the questions given below.

Seven persons A, B, C, D, E, F and G sit around a circular table but not necessarily in the same order. Some of them are facing towards the center of the table while others are facing away from the center of the table. Not more than two persons sit adjacent to each other faces same direction.

C sits 2nd to the left of G. One person sits between C and B. F sits 3rd to the right of B. Two persons sit between F and A who is facing in opposite direction as of G. D and A sits immediate right to each other. D is facing towards the center of the table. Immediate neighbours of C face same in direction but opposite to C.

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

Ans.(b)

Q64. How many persons sit between E and D when counted from the right of E?

Study the following information carefully and answer the questions given below.

Seven persons A, B, C, D, E, F and G sit around a circular table but not necessarily in the same order. Some of them are facing towards the center of the table while others are facing away from the center of the table. Not more than two persons sit adjacent to each other faces same direction.

C sits 2nd to the left of G. One person sits between C and B. F sits 3rd to the right of B. Two persons sit between F and A who is facing in opposite direction as of G. D and A sits immediate right to each other. D is facing towards the center of the table. Immediate neighbours of C face same in direction but opposite to C.

-
- (a) One
 - (b) Three
 - (c) Four
 - (d) Two
 - (e) None

Ans.(d)

Q65. Four of the following five are alike in certain way and thus forms a group, then who among the following doesn't belong to that group?

Study the following information carefully and answer the questions given below.

Seven persons A, B, C, D, E, F and G sit around a circular table but not necessarily in the same order. Some of them are facing towards the center of the table while others are facing away from the center of the table. Not more than two persons sit adjacent to each other faces same direction.

C sits 2nd to the left of G. One person sits between C and B. F sits 3rd to the right of B. Two persons sit between F and A who is facing in opposite direction as of G. D and A sits immediate right to each other. D is facing towards the center of the table. Immediate neighbours of C face same in direction but opposite to C.

- (a) A
- (b) B
- (c) C
- (d) D
- (e) G

Ans.(a)

Q66. What will come in the place of question (?) mark in following questions.

$$20\% \text{ of } 78 + ? = 200\% \text{ of } 2^5$$

- (a) 42.4
- (b) 48.4
- (c) 46.4
- (d) 44.4
- (e) 56.4

Ans.(b)

Q67. What will come in the place of question (?) mark in following questions.

$$? + 3 \times 15.6 = 8\% \text{ of } 625$$

- (a) 2.4
- (b) 3.2
- (c) 2.8
- (d) 3.6
- (e) 2.2

Ans.(b)

Q68. What will come in the place of question (?) mark in following questions.

$$254 + 312 - ? = 420$$

- (a) 166
- (b) 156
- (c) 126
- (d) 136
- (e) 146

Ans.(e)

Q69. What will come in the place of question (?) mark in following questions.

(a)

(b)

(c)

(d)

(e)

Ans.(a)

Q70. What will come in the place of question (?) mark in following questions.

$$35\% \text{ of } ? + 36\% \text{ of } 450 = 2 \times 151$$

(a) 600

(b) 360

(c) 400

(d) 480

(e) 500

Ans.(c)

Q71. What will come in the place of question (?) mark in following questions.

$$40\% \text{ of } 525 + 60\% \text{ of } 1050 + 1 = ?^2$$

(a) 27

(b) 29

(c) 31

(d) 28

(e) 26

Ans.(b)

Q72. What will come in the place of question (?) mark in following questions.

$$? \times (12 + 10\% \text{ of } 60) = 135$$

(a) 5.5

(b) 6.5

(c) 4.5

(d) 5

(e) 7.5

Ans.(e)

Q73. What will come in the place of question (?) mark in following questions.

$$12 \times ? + 26 \times 6 = 252$$

(a) 8

(b) 4

-
- (c) 6
 - (d) 12
 - (e) 14

Ans.(a)

Q74. What will come in the place of question (?) mark in following questions.

- (a) 18
- (b) 2
- (c) 4
- (d) 6
- (e) 8

Ans.(d)

Q75. What will come in the place of question (?) mark in following questions.

$$48 \div 5 + ? = 3^3$$

- (a) 18.4
- (b) 15.4
- (c) 17.4
- (d) 16.4
- (e) 12.4

Ans.(c)

Q76. What will come in the place of question (?) mark in following questions.

$$326 + 12^2 + ?\% \text{ of } 250 = 520$$

- (a) 15
- (b) 20
- (c) 18
- (d) 24
- (e) 16

Ans.(b)

Q77. What will come in the place of question (?) mark in following questions.

- (a) 1.5
- (b) 2.5
- (c) 3.5
- (d) 0.5
- (e) 5.5

Ans.(b)

Q78. What will come in the place of question (?) mark in following questions.

- (a) 5
- (b) 4
- (c) 3

(d) 7

(e) 10

Ans.(c)

Q79. What will come in the place of question (?) mark in following questions.

55% of 400-18×2=?

(a) 164

(b) 184

(c) 124

(d) 174

(e) 194

Ans.(b)

Q80. What will come in the place of question (?) mark in following questions.

$128 \times 4 - 116 \times 3 = ?$

(a) 124

(b) 174

(c) 164

(d) 144

(e) 134

Ans.(c)

Directions (81-85): The line graph given below shows total number five (A, B, C, D and E) different items sold by a shop. Read the data carefully and answer the following questions.

Q81. The ratio of items C and E sold by online to that of offline mode is 3 : 2 & 5 : 3 respectively. Find the difference between total item C and E sold by online mode.

- (a) 6
- (b) 10
- (c) 8
- (d) 12
- (e) 5

Ans.(b)

Q82. Find the ratio of total number of item A to total number of item D sold by the shop.

- (a) 3 : 5
- (b) 2 : 5
- (c) 1 : 3
- (d) 1 : 2
- (e) 2 : 3

Ans.(e)

Q83. If total item X sold by the shop is 50% more than total item B sold by the shop and total item X sold by online mode is 60% of total item X sold by the shop, then find total item X sold by offline mode.

- (a) 96
- (b) 72
- (c) 76
- (d) 106
- (e) 90

Ans.(a)

Q84. Total number of item A and E sold by shop is what percent more than total number of items B sold by the shop.

- (a) 20%
- (b) 25%
- (c) 24%
- (d) 30%
- (e) 40%

Ans.(b)

Q85. Find the difference between total item C & D sold by the shop and total item B & E sold by the shop.

- (a) 40
- (b) 50
- (c) 30
- (d) 20
- (e) 10

Ans.(a)

Q86. A man invested Rs. P at the rate of 10% p.a. on compound interest for two years and gets a total interest of Rs.4410. If he invested Rs. (P + 1000) at 30% p.a. on simple interest for three years, then find the interest received by him?

- (a) Rs.19,000
- (b) Rs.15000
- (c) Rs.19,800
- (d) Rs.14,000
- (e) Rs.12,000

Ans.(c)

Q87. Average age of 30 students in a class is 15 years. If the average age of boys is 16 years and the average age of girls is 13 years, then find the number of boys in the class.

- (a) 20
- (b) 28
- (c) 15
- (d) 25
- (e) 10

Ans.(a)

Q88. If the income of a person in 2019 is Rs.1,20,000 and it is increased by 15% every year, then find the income of the person in 2021?

- (a) 1,52,500
- (b) 1,66,600
- (c) 1,64,800
- (d) 1,50,500
- (e) 1,58,700

Ans.(e)

Q89. A shopkeeper marks up the price of an article by 20% above cost price. He allows _____ discount on mark price and get a loss of Rs.625. If he wants to earn a profit of 40%, then find the selling price of the article.

- (a) Rs.4204
- (b) Rs.5240
- (c) Rs.4375
- (d) Rs.4498
- (e) Rs.6580

Ans.(c)

Q90. The perimeter of a rectangle is 32 m. If the ratio of breadth of rectangle to the side of a square is 4:5 and length of the rectangle is 12 m, then find the area of the square (in m^2)?

- (a) 15
- (b) 10
- (c) 30
- (d) 20
- (e) 25

Ans.(e)

Q91. A and B together can do a piece of work in 20 days, B and C together do the same work in 10 days whereas C and A together can do the same work in 60 days. If all of them work together, then find the time taken to complete the work (A does negative work).

- (a) 10 days
- (b) 18 days
- (c) 15 days
- (d) 12 days
- (e) 11 days

Ans.(d)

Q92. The speed of boat in upstream is 40% less than of the speed of boat in downstream. If the boat covers 50 km in downstream in 5 hours, then find the speed of stream and speed boat in still water respectively.

- (a) 2 km/hr, 8 km/hr
- (b) 8 km/hr , 2 km/hr
- (c) 7 km/hr , 3 km/hr
- (d) 3 km/hr, 7 km/hr
- (e) 5 km/hr , 2 km/hr

Ans.(a)

Q93. A invested Rs.5000 in a business. After x months, B joined the business with an investment of Rs.4000. At the end of the year, the profit share of B is Rs.3500 out of the total profit of Rs.11,000. Find x?

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

Ans.(b)

Q94. The average of twenty numbers is 150. Five new numbers, whose sum is 100 are added to the remaining numbers. Find the average of twenty-five numbers?

- (a) 120
- (b) 124
- (c) 115
- (d) 140
- (e) 136

Ans.(b)

Q95. A train, whose length of x meter is running at a speed of 54 km/hr. If the length of a platform is twice the length of the train and train crosses the platform in 45 second, then find the value of x?

- (a) 220
- (b) 209
- (c) 200
- (d) 215
- (e) 225

Ans.(e)

Q96. Find out the missing number in the given number series.

11, 16, 23, 32, 43, ?

- (a) 54
- (b) 50
- (c) 56
- (d) 47
- (e) 59

Ans.(c)

Q97. Find out the missing number in the given number series.

5, 8, 17, 44, 125, ?

- (a) 368
- (b) 220
- (c) 304
- (d) 136
- (e) 128

Ans.(a)

Q98. 10, ?, 17, 28, 51, 98

Find out the missing number in the given number series.

- (a) 16
- (b) 18
- (c) 12
- (d) 10
- (e) 15

Ans.(c)

Q99. 2, 10, 30, 68, 130, ?

Find out the missing number in the given number series.

- (a) 200
- (b) 222
- (c) 190
- (d) 207
- (e) 185

Ans.(b)

Q100. 25, 35, 55, 85, 125, ?

Find out the missing number in the given number series.

- (a) 179
- (b) 172
- (c) 174
- (d) 175
- (e) 177

Ans.(d)