

Directions (1-6) Read the following passage and answer the given questions.

Read the following sentences carefully and arrange them meaningfully.

- A. According to functionaries of central universities and technical institutes, the fact that the Higher Education Financing Agency (HEFA) fell short of the projections even before the pandemic indicates that institutes are wary of taking loans due to pre-existing weak state of finances.
- B. Construction activities were closed and educational institutions were not in a position to undertake new projects
- C. A projection of Rs 1,00,000 crore of investment was made considering all types of institutions falling under various Higher Education Financing Agency (HEFA) windows.
- D. In order to address the requirements of various categories of institutions, five financial windows were created under Higher Education Financing Agency (HFFA)
- E. There was a huge increase in sanction of loan from Rs 1,804.25 crore in 2017 – 18 to Rs 15,572.56 crore in 2018-19.
- F. However, the outbreak of COVID-19, dampened the momentum, as the educational institutions were almost closed for almost two years.

Q1. Which of the following sentences comes FIRST after rearrangement?

- (A) A
- (B) B
- (C) C
- (D) D
- (E) E

Q2. Which of the following sentences comes SECOND after rearrangement?

- (A) F
- (B) B
- (C) C
- (D) D
- (E) E

Q3. Which of the following sentences comes THIRD after rearrangement?

- (A) F
- (B) B
- (C) C
- (D) D
- (E) E

Q4. Which of the following sentences comes FOURTH after rearrangement?

- (A) F
- (B) B
- (C) C
- (D) D
- (E) E

Q5. Which of the following sentences comes FIFTH after rearrangement?

- (A) F
- (B) B
- (C) C
- (D) D
- (E) E

Q6. Which of the following sentences comes SIXTH after rearrangement?

- (A) F
- (B) A
- (C) C
- (D) D
- (E) E

- Q7. In the following question, a sentence is given with three words marked as (A), (B), and (C). These words may or may not be placed at their correct places. Five options with different arrangements of these words are given. Mark the option with the correct arrangement as the answer. If no change is required, mark 'No rearrangement required' as your answer.

Built on a compelling (A) narrative - the combination of accelerated financial inclusion (bank accounts), ease of identification (Aadhaar) and economy (B) (mobile phones) - it is ultimately a bet on the Indian consumer, and the connectivity (C), not on government regulations/policies.

- (A) ACB (B) CAB
(C) BCA (D) CBA
(E) No rearrangement required

- Q8. In the following question, a sentence is given with three words marked as (A), (B), and (C). These words may or may not be placed at their correct places. Five options with different arrangements of these words are given. Mark the option with the correct arrangement as the answer. If no change is required, mark 'No rearrangement required' as your answer.

Whichever way one slices the data, the reality is, there aren't that many spending (A) with significant consumers (B) spending capacity, and those with the capacity aren't increasing their discretionary (C) as these companies would hope.

- (A) ACB (B) CAB
(C) BCA (D) CBA
(E) No rearrangement required

- Q9. In the following question, a sentence is given with three words marked as (A), (B), and (C). These words may or may not be placed at their correct places. Five options with different arrangements of these words are given. Mark the option with the correct arrangement as the answer. If no change is required, mark 'No rearrangement required' as your answer.

While more spending (A) are on-board digital payment platforms - Paytm has about 70 million monthly transacting (B) users - these numbers suggest that when it comes to consumers with considerable discretionary consumers (C), the size of the market shrivels considerably.

- (A) ACB (B) CAB
(C) BCA (D) CBA
(E) No rearrangement required

- Q10. In the following question, a sentence is given with three words marked as (A), (B), and (C). These words may or may not be placed at their correct places. Five options with different arrangements of these words are given. Mark the option with the correct arrangement as the answer. If no change is required, mark 'No rearrangement required' as your answer.

While these constrained (A) have seen an increase in the number of transacting customers, to what extent the overall customer base for these startups can expand further is significant (B) by the number of households in the cohort that has companies (C) spending power.

- (A) ACB
(B) CAB
(C) BCA
(D) CBA
(E) No rearrangement required

- Q11. In the question given below, a sentence is given with two blanks that indicate two words are missing, identify the correct pair of words that can fit in the sentence to make it grammatically and contextually correct.
A normal monsoon would inflationary expectations, boost agricultural production and step up rural in the backdrop of pandemic-induced constraints on economic output.
(A) dampen, demand
(B) bring, supply
(C) brought, demand
(D) dampen, manufacturing
(E) dampen, culture
- Q12. In the question given below, a sentence is given with two blanks that indicate two words are missing, identify the correct pair of words that can fit in the sentence to make it grammatically and contextually correct.
For instance, El Nino-Southern Oscillation (ENSO) is an cycle of change in wind and sea surface temperatures over the tropical eastern Pacific, and the Indian Metrological Department does mention neutral ENSO conditions prevailing.
(A) seasonal, forecast (B) irregular, forecast
(C) regular, ratings (D) ceased, ratings
(E) seasonal, advertisement
- Q13. In the question given below, a sentence is given with two blanks that indicate two words are missing, identify the correct pair of words that can fit in the sentence to make it grammatically and contextually correct.
Further, indiscriminate encroachment of floodplains and water bodies and routine lack of maintenance of drainage add up to make urban grow ever more severe.
(A) Industry, flooding
(B) Company, Streets
(C) Infrastructure, flooding
(D) Industry, culture
(E) Infrastructure, streets
- Q14. In the questions given below, there are two blanks. You need to identify the pair of words that can fit the blank correctly and render proper sense to the sentences.
A favourable base effect along with a distinct cooling in international prices of including crude oil and steel amid gathering uncertainty in advanced economies was largely in tempering wholesale price gains.
(A) communities, active
(B) commodities, instrumental
(C) acrimony, helpful
(D) hegemony, useful
(E) acrimonious, empirical
- Q15. In the questions given below, there are two blanks. You need to identify the pair of words that can fit the blank correctly and render proper sense to the sentences.
A video has surfaced in which the Chinese president confronted the Canadian prime minister on Wednesday, complaining Trudeau's office had published details of an earlier conversation them.
(A) apparent, amongst (B) inherently, among
(C) apparently, between (D) pertinent, between
(E) eerily, between

- Q16. Direction: From the options given below, select the option which states the correct set of sentences.
- A. Every token has a unique identity on the blockchain that allows people to tie unique assets to them.
B. Some industry experts believes that the NFT market has slowed down a bit because of the global uncertainty
C. It is essential for investors to do their research and due diligence for investing in a particular business.
- (A) *B* and *C* (B) *A* only
(C) *A* and *C* (D) *A* only B
(E) *C* only
- Q17. In the following questions, a sentence/ a passage has been divided into four parts out of which one or more than one part may consist of errors. Choose the parts that contain errors using the given alternatives.
- A. Many things have been said about the necessity for mandatory iron fortification of foods in India.
B. That it is a 'necessity', 'complementary strategy' to dietary diversity, 'effective' and more loudly now, that it is 'safe'.
C. Given what we now know, and are uncovering, about the risks associated with too much iron,
D. particularly in children, the proclamation of safety must be made careful.
- (A) Only D (B) Only C
(C) Both A and C (D) Both B and D
(E) All are incorrect
- Q18. In the following questions, a sentence/ a passage has been divided into four parts out of which one or more than one part may consist of errors. Choose the parts that contain errors using the given alternatives.
- A. A NASA spacecraft has officially "touched" the sun, plunging through the unexplored solar atmosphere known as the corona.
B. Scientists have announced the news on Tuesday during a meeting of the American Geophysical Union.
C. The Parker Solar Probe actually flew through the corona in April during the spacecraft's eighth close approach to the sun.
D. Scientists said it took few months to get the data back and then several more months to confirm.
- (A) Only D
(B) Only C
(C) Both A and C
(D) Both B and D
(E) All are incorrect
- Q19. In the following questions, five sentences are given out of which one sentence is wrong. Choose the one that consists of an error and mark that as your answer.
- A. The UN, which has prevaricated on Syria, has estimated that more than 80 per cent of Syrians live below the poverty line.
B. Bashar al-Assad, the beleaguered President of Syria, lives to fight another day, having been sworn in as President for a fourth term on Saturday.
C. One major reason for the Soviet Union suffering an economic bust in 1991 was attributed against the Kremlin.
D. President Assad reaffirms his grip on a direly depleted inheritance with a welter of problems that could impede his foreign and domestic policies.
E. All are true
- (A) D (B) C
(C) B (D) A
(E) E

- Q20. In the following questions, five sentences are given out of which one sentence is wrong. Choose the one that consists of an error and mark that as your answer.
- A. Another political problem that has contributed to the melting of Arctic ice sheets are the improved navigability of the northern oceans.
 - B. The world watches as the United States withdraws from Afghanistan leaving the country in the throes of civil war.
 - C. The states of North Rhine-Westphalia, Rhineland-Palatinate and Saarland have been the worst affected by the record rainfall, which authorities have called the heaviest in a century.
 - D. President Xi Jinping's government in Beijing to be "more transparent" even as the medical fraternity has been groping in search for the origins.
 - E. Across the Atlantic, the weather forecasts have been less than convincing and that has added to the woes of people.
- (A) A (B) B
(C) C (D) D
(E) E
- Q21. In the question given below, two statements and five connectors are given. Only one of the connectors from those given can be used to combine the given two statements into one sentence without changing the meaning. Choose that connector as your answer.
- I. Of course, corn breeding and farming innovations may be reducing downside risk, thereby countering adverse climate effects.
 - II. Increasing weather related production risks are not evident in existing aggregate yield data.
- (A) All the same (B) Nonetheless
(C) By Comparison (D) In any case
(E) But
- Q22. In the question given below, two statements and five connectors are given. Only one of the connectors from those given can be used to combine the given two statements into one sentence without changing the meaning. Choose that connector as your answer.
- I. He pointed out that any employee who has tried to claim medical reimbursement would be well aware of the cumbersome procedures and the red tapes involved in getting a reimbursement.
 - II. Medisep is a cashless insurance scheme, which is fully digitally managed. In the first few weeks itself, 902 claims worth ₹ 1.89 crores had been settled under Medisep
- (A) Above all (B) Nonetheless
(C) Accordingly (D) Yet
(E) In contrast
- Q23. In the question given below, two statements and five connectors are given. Only one of the connectors from those given can be used to combine the given two statements into one sentence without changing the meaning. Choose that connector as your answer.
- I. Vital but Limited, the ETC describes the complementary role of carbon capture, utilisation and storage (CCUS) has
 - II. Zero-carbon electricity, clean hydrogen and sustainable low-carbon bio resources in delivering a net-zero economy by mid- century. Massive clean electrification is the backbone of global decarbonisation. However, electrification, hydrogen and sustainable low- carbon bioenergy combined cannot reduce gross emissions completely to zero.
- (A) Above all (B) For Instance
(C) Accordingly (D) Yet
(E) Alongside

Directions (24-30) Read the following passage and answer the given questions.

The passage given below is followed by a set of questions. Choose the best answer to each question.

India has taken up the fight against cervical cancer in earnest with the Central government announcing that it will vaccination for girls aged between 9 and 14 years through schools. The decision comes at a critical juncture with a study in The Lancet published this month showing that India accounts for the highest number of cervical cancer cases in Asia, followed by China. More than 58% of all cases of cervical cancer and deaths globally were estimated in Asia with India accounting for 21% of cases and 23% of deaths, followed by China (18% and 17%). Cervical cancer is a preventable and treatable cancer. It is caused by infection with the human papillomavirus (HPV) and there are vaccines which protect against carcinogenic HPV. With more than 6,00,000 women diagnosed with cervical cancer worldwide in 2020, the World Health Organization laid down several guidelines that countries need to follow to eliminate it as a public health problem. According to the International Agency for Research on Cancer, the WHO has specified that countries must reach and maintain an incidence rate of fewer than 4 new cases of cervical cancer per 1,00,000 women a year. To achieve that goal, it is necessary that 90% of girls will have to be fully vaccinated with the HPV vaccine by the age of 15.

To that end, the government's intent to introduce the HPV vaccine in the Universal Immunisation Programme (UIP) is a welcome move. India's immunisation network, as was evident during COVID-19, has worked well, and diseases such as polio and maternal and neonatal tetanus have been eliminated. The UIP is one of the largest public health programmes targeting over 2 crore newborns and 2 crore pregnant women annually, and offers free vaccines for at least 12 diseases. To battle cervical cancer, India is expected to roll out the indigenously developed Cervavac vaccine by mid-2023. It has received the Drugs Controller General of India's approval and has been cleared by the National Technical Advisory Group for Immunisation for use in the UIP programme. The vaccination will be provided primarily through schools, but importantly the government has clarified that girls who do not go to school will be reached through community outreach and mobile teams. This is a vital step because studies show that there is a link between cervical cancer incidence and human development index values, with progressively lower rates observed as HDI rises. Together with vaccination, screening programmes must be conducted to detect early signs of the disease to allow time for treatment.

- Q24. What was the reason for announcing the launch of vaccination by the Central Government?
- (A) What was the reason for announcing the launch of vaccination by the Central Government?
(B) Cervical cancer is preventable and treatable disease
(C) Cervical cancer is caused by human papillomavirus (HPV)
(D) Both (a) and (b)
(E) All of these
- Q25. What is the aim of the government that must be established or achieved to prevent cervical cancer?
- (A) To vaccinate 90% girls with HPV vaccine by age 15 .
(B) To reduce the cervical cancer cases and maintain with 4 new cases per 100,000 women,
(C) To treat the cancer with the research in the vaccine caused by HPV.
(D) Both (1) and (2)
(E) All of these
- Q26. Which of the following is the tone of the passage?
- (A) Introspective (B) Patronizing
(C) Analytical (D) Speculative
(E) Suggestive
- Q27. Which of the following statements underscore the initiatives taken by the government to diagnose cervical cancer?
- (A) To work upon the suggestions of WHO
(B) To prevent the cases by following the guidelines of WHO
(C) To make aware the women about the unprecedented times and data
(D) Human papillomavirus (HPV) vaccine in the Universal Immunisation Programme (UIP)
(E) All of these

- Q28. Which of the following statements best describes the Universal Immunisation Programme (UIP) programme?
- (A) It is one of the largest public health programmes.
 (B) It covers 2 crores newborn and 2 crore pregnant women annually.
 (C) It offers free vaccines for at least 12 diseases.
 (D) Both (a) and (b)
 (E) All of these
- Q29. Which of the following phrase can fill the blank given in the passage?
- (A) Let down
 (B) Beat Back
 (C) Ushered in
 (D) Spell out
 (E) Roll out
- Q30. Which of the following is an appropriate word that can replace the word 'intent' as given in bold in the passage?
- (A) Urge
 (B) Support
 (C) Endorse
 (D) Aim
 (E) Affirm

Directions (31-35) Read the following passage and answer the given questions.

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

The given table shows the total number of appliances and the number of Gyser and the % of Mobile sold by five different companies in a month.

Total number electric appliance = Number of gyser sold + Number of Mobile sold + Number of Television sold

Company	P	Q	R	S
% of Mobile sold out of total appliance sold by a company	30%	20%	35%	40%
Number of Gyser	400	520	560	480
Total electric appliance sold by a company	1000	2080	1400	1600

- Q31. If the number of Television sold by *T* is half of the number of Television sold by *S* and the ratio of the number of Television to number of GYSER sold by *T* is 8; 11, then find the number of GYSER sold by *T* ?
- (A) 297 (B) 308
 (C) 319 (D) 330
 (E) None of these
- Q32. The difference between the number of Mobile sold by *P* and *Q* together is what percent of the total number of Television sold by *Q* and *R* together?

- (A) 7.27% (B) 18.85%
(C) 26.65% (D) 15.56%
(E) 3.44%

- Q33. Ratio of unsold to sold Mobile by P is 7:3. The number of Unsold Mobile by Q is equal to 50% of the Mobile unsold by P and the number of unsold GYSER by Q is 36 more than the number of unsold Mobile by Q , then find the total number of GYSER sold and unsold by Q ?
- (A) 386 (B) 906
(C) 600 (D) 520
(E) 526
- Q34. The cost price of a Television in P is Rs. 2000 and the cost price of a Mobile in R is Rs. 3000. If 40% of the Television sold by P at the profit of 10% and rest are sold at 40% loss and 60% of the Mobile sold by R at the profit of 5% and rest are sold at the loss of 20%, then find the total revenue collected from P and R
- (A) Rs. 2078100 (B) Rs. 1679700
(C) Rs. 1775600 (D) Rs. 197000
(E) Rs. 1876500
- Q35. If the total number of appliance sold by T is 80% more than that of S and the number of Television sold by T is average of the number of Television sold by P and R . If the number of Mobile sold by T is 20% more than that of S , then find the number of GYSER sold by T ?
- (A) 1700 (B) 1787
(C) 1720 (D) 1855
(E) 1830
- Q36. What value should come in the place of (?) in the following number series?
16, 24, 31, 37, 42, ?
- (A) 46 (B) 49
(C) 50 (D) 53
(E) 56
- Q37. What value should come in the place of (?) in the following number series?
11, 33, 74, 153, 308, ?
- (A) 596
(B) 615
(C) 648
(D) 652
(E) 678
- Q38. What value should come in the place of (?) in the following number series?
2, 7, 17, 32, 52, ?
- (A) 77 (B) 68
(C) 72 (D) 78
(E) 84
- Q39. What value should come in the place of (?) in the following number series?
10, 20, 60, 300, ?, 23100

- (A) 1800 (B) 2100
(C) 2400 (D) 2700
(E) 3000

Q40. What value should come in the place of (?) in the following number series?

7, 8, 18, 57, 232, ?

- (A) 1165 (B) 1050
(C) 1060 (D) 1080
(E) 1040

Q41. Ratio of the efficiency of Ram and Shyam is 3: 2 and the efficiency of Ram is 200% more than that of Chandan. If Shyam and Chandan together can complete the work in 60 days, in how many days Ram and Shyam together can complete the work?

- (A) 24 days (B) 30 days
(C) 36 days (D) 42 days
(E) 45 days

Q42. Anirudh, Balmiki and Chandan started the business. The ratio of the investment of Anirudh and Chandan is 4: 5 and the investment of Balmiki is 20% more than the investment of Chandan. After 12 months, Balmiki withdrew $33\frac{1}{3}\%$ of his initial investment and after one more year, Chandan added 60% of his initial investment. At the end of 30 months, the total profit of the business is Rs.7200, then find the profit share of Anirudh?

- (A) Rs. 2000 (B) Rs. 2400
(C) Rs. 1800 (D) Rs. 2700
(E) None of these

Q43. The present age of Ankit's father is four times the present age of Ankit. Four years ago, the age of Ankit's father was six times the age of Ankit's age at that time. Ankit's grandfather's age is seven times the present age of Ankit. Find the difference between the present age of Ankit's father and grandfather?

- (A) 20 years (B) 30 years
(C) 15 years (D) 25 years
(E) 35 years

Q44. Ratio of the Marked price to the cost price of the Mobile phone is 9:5. The shopkeeper allows two successive discounts of 20% and 25% respectively. If the shopkeeper sold it at a single discount of 35%, he would have gained Rs. 180 more. Find the selling price of the laptop at a profit of 30% ?

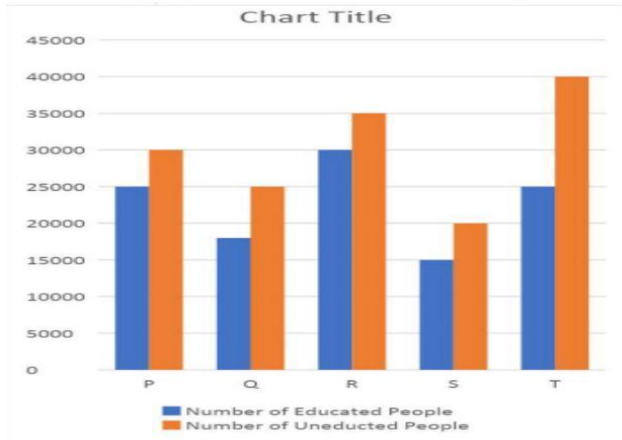
- (A) Rs. 3900 (B) Rs. 3600
(C) Rs. 2400 (D) Rs. 2800
(E) Rs. 2600

Q45. Suman invests Rs. $(x + 1000)$ in a compound interest scheme at the rate of 10% per annum for 2 years and he also invests Rs. x in a simple interest scheme at the rate of 15% per annum for 3 years. The interest received on a simple interest scheme is Rs. 750 more than that of a compound interest scheme. Find the value of x .

- (A) Rs. 3600 (B) Rs. 4000
(C) Rs. 4200 (D) Rs. 4400
(E) Rs. 4800

Directions (46-50) Read the following passage and answer the given questions.

Study the following information carefully and answer the questions given below. The given bar graph shows the number of graduated people and the number of Educated people in five different villages.



- Q46. Ratio of the number of male and female Uneducated and Educated people in village S is 5:3 and 11:9 respectively. Find the total number of male Uneducated and Educated people in village S .
- (A) 20750 (B) 20850
(C) 20650 (D) 20950
(E) None of these
- Q47. The total number of educated & uneducated people together in village S is what % more less than the total number of educated & uneducated people in village T ?
- (A) 38.46% less (B) 38.46% more
(C) 38.50% more (D) 38.50% less
(E) None of these
- Q48. Total number of people in p is 20% more than the number of Uneducated and Educated people in P . If the ratio of the number of male to female population in P is 5:3, then find the number of male population in P .
- (A) 41240 (B) 41230
(C) 41250 (D) 41280
(E) 41290
- Q49. The total number of Educated people in S and T together is approximately what percent of the number of Uneducated people in the same villages?
- (A) 67% (B) 73%
(C) 75% (D) 78%
(E) 81%
- Q50. Ratio of the Educated people in T and U is 5:7 and the number of Uneducated people in U is 4000 more than the number of Uneducated people in Q . If the ratio of the number of male to female Educated and Uneducated people in U is 3:2 and 3:1 respectively, then find the number of female Educated and Uneducated people in U ?
- (A) 21200 (B) 21240
(C) 21210 (D) 21250
(E) 20500

- Q51. Following question contains two equations as I and II. You have to solve both equations and determine the relationship between them and give an answer.
- (i) $x^2 - 14x + 48 = 0$
(ii) $y^2 - 3y - 108 = 0$
(A) $x > y$
(B) $x \geq y$
(C) $x = y$ or relationship can't be determined.
(D) $x < y$
(E) $x \leq y$
- Q52. Following question contains two equations as I and II. You have to solve both equations and determine the relationship between them and give an answer.
- (i) $x^2 - 29x + 204 = 0$
(ii) $y^2 + 27y + 180 = 0$
(A) $x > y$
(B) $x \geq y$
(C) $x = y$ or relationship can't be determined.
(D) $x < y$
(E) $x \leq y$
- Q53. Following question contains two equations as I and II. You have to solve both equations and determine the relationship between them and give an answer.
- (i) $x^2 - 20x + 99 = 0$
(ii) $y^2 + y - 90 = 0$
(A) $x > y$
(B) $x \geq y$
(C) $x = y$ or relationship can't be determined.
(D) $x < y$
(E) $x \leq y$
- Q54. Following question contains two equations as I and II. You have to solve both equations and determine the relationship between them and give an answer.
- (i) $x^2 + x - 156 = 0$
(ii) $y^2 + 33y + 234 = 0$
(A) $x > y$
(B) $x \geq y$
(C) $x = y$ or relationship can't be determined.
(D) $x < y$
(E) $x \leq y$
- Q55. Following question contains two equations as I and II. You have to solve both equations and determine the relationship between them and give an answer.
- (i) $3x^2 - 17x - 20 = 0$
(ii) $y^2 - 17y + 52 = 0$
(A) $x > y$
(B) $x \geq y$

- (C) $x = y$ or relationship can't be determined.
 (D) $x < y$
 (E) $x \leq y$

Q56. Following question contains two equations as I and II. You have to solve both equations and determine the relationship between them and give an answer.

- (i) $x^2 = 225$
 (ii) $y = \sqrt{225}$

- (A) $x > y$
 (B) $x \geq y$
 (C) $x = y$ or relationship can't be determined.
 (D) $x < y$
 (E) $x \leq y$

Q57. The dimension of a rectangle is $(x + 5)cm$ and $(x - 2)cm$ respectively. If the perimeter of the rectangle is 6 cm more than the perimeter of the square whose area is $400 cm^2$, then find the area of the rectangle?

- (A) $540 cm^2$ (B) $510 cm^2$
 (C) $420 cm^2$ (D) $480 cm^2$
 (E) $450 cm^2$

Q58. A train crosses a pole in 20.25 seconds and also crosses a 150 m long platform in 27 seconds. Find the speed of the train?

- (A) 60kmph (B) 72kmph
 (C) 80kmph (D) 90kmph
 (E) None of these

Q59. The boat covers $x km$ upstream in t hours and the same boat covers $(x + 40)km$ downstream in $(t - 4)$ hours. If the speed of the stream is 7kmph, then find the speed downstream?

- (A) 32kmph (B) 25kmph
 (C) 28kmph (D) 35kmph
 (E) Cannot be determined

Q60. A vessel contains 56 liters of milk and the rest is water which is $\frac{1}{5}$ th of the mixture of the vessel. If 15 liters of mixture are taken out and x liters of water added to the mixture, then the ratio of milk and water becomes 11:6. Then find the value of x .

- (A) 14 (B) 10
 (C) 13 (D) 11
 (E) None of these

Directions (61-65) Read the following passage and answer the given questions.

Read the following information carefully and answer the questions. The given information shows the total number of Mobile (Android and Simple) sold by four different shops A, B, C and D.

Android Mobile: Ratio of the number of Android Mobiles sold by shops A and B is 1:2 respectively and the difference between the number of Android

Mobiles sold by shops A and D is 90. Number of Android Mobiles sold by shop C is 20% less than that of shop D. Number of Android Mobiles sold by shop C is 60% of number of Android Mobiles sold by shop B.

Simple Mobile: Average number of Simple Mobiles sold by all four shops is 175 and the number of Simple Mobiles sold by shop A is two times the number of Simple Mobiles sold by shop C. Ratio of the number of Simple Mobiles sold by shops A and D is 5: 4 respectively. Number of Simple Mobiles sold by shop B is 80 more than that of shop D.

- Q61. Find the difference between the total number of Mobiles sold by shops B and D together?
 (A) 120 (B) 170
 (C) 160 (D) 180
 (E) None of these
- Q62. Out of the number of simple Mobiles sold by shop B, 25% of Simple Mobiles sold at a profit of 40% and the remaining Simple Mobiles sold at a profit of 20%. If all the Simple Mobiles sold for Rs.1.5 lakh in shop B, then find the cost price of each table Mobile in shop B?
 (A) Rs. 800 (B) Rs. 450
 (C) Rs.600 (D) Rs.500
 (E) None of these
- Q63. Find the average number of Android Mobiles sold by shops A, C and D together?
 (A) 130 (B) 170
 (C) 222 (D) 110
 (E) None of these
- Q64. If the total number of Mobiles sold by shop E is 20% more than that of shop D and the ratio of number of table Mobiles sold by shops E and D is 9: 8 respectively, then find the number of Android Mobiles sold by shop E?
 (A) 336 (B) 420
 (C) 280 (D) 150
 (E) None of these
- Q65. Number of simple Mobiles sold by shops C and D together is approximately what percentage more/less than the number of Android Mobiles sold by shop B?
 (A) 45% less (B) 28% more
 (C) 25% less (D) 10% more
 (E) None of these

Directions (66-70) Read the following passage and answer the given questions.

Study the following information and answer the given questions.

There are nine people i.e., A, B, C, D, E, F, G, H and J bought gifts for an occasion but not necessarily in the same order. Three people bought between G and A. B bought just before A. Only one person bought between B and J. J bought before B. Three people bought between J and C. Only one person bought between C and H. D bought just before H. Only one person bought between E and F who bought before E.

- Q66. Who among the following bought the gift at first?
 (A) G (B) C
 (C) F (D) J
 (E) B
- Q67. Who among the following bought just after H ?
 (A) G (B) E

- (C) *D* (D) *B*
(E) None

Q68. How many people bought before *D* but after *J*?

- (A) 0 (B) 1
(C) 2 (D) 3
(E) More than 3

Q69. The number of people bought before *D* is one less than the number of people bought before _

- (A) *G* (B) *J*
(C) *B* (D) *H*
(E) *F*

Q70. Four of the five are similar in some manner thus forming a group. Find the odd one.

- (A) *F, E* (B) *J, B*
(C) *A, D* (D) *G, H*
(E) *E, A*

Directions (71-75) Read the following passage and answer the given questions.

Study the following information and answer the given questions.

Ten people are sitting in two parallel rows. *A, B, C, D,* and *E* are sitting in row -1 and facing south and *P, Q, R, S,* and *T* are sitting in row -2 and facing north such that the people sitting in row - 1 are sitting opposite to the people sitting in row -2 . All of them are like ten different mobile brands. All the information is not necessarily in the same order.

B sits second to the right of the one who sits opposite to *S*. One person sits between *S* and the one who likes Xiaomi. *D* sits second to the right of the one who sits opposite to the one who likes Xiaomi. The one who likes Lava sits second to the left of *D*. *P* sits second to the left of the one who sits opposite to *E*. *P* does not like Xiaomi. Two people sit between *C* and the one who sits opposite to *P*. The one who likes Nokia sits to the immediate left of the one who sits opposite to *A*. *R* likes Samsung. The one who likes Vivo is an immediate neighbour of the one who sits opposite to *R*. The one who likes iPhone sits opposite to the one who sits second to the left of *Q*. The one who likes Oppo sits second to the left of the one who likes Realme. Two people sit between the one who likes Blackberry and the one who likes Motorola. *S* does not like Motorola.

Q71. Which of the following statements is correct about *T* ?

- (A) He likes Nokia
(B) *R* sits third to his right
(C) The person sitting immediate left of the one who sits opposite to *T* likes Oppo
(D) Both (a) and (b)
(E) All are correct

Q72. The one sits diagonally opposite to *D* like which of the following mobile brands?

- (A) Blackberry (B) Lava
(C) Realme (D) Oppo
(E) Vivo

Q73. If *A* and *R* interchange their place, similarly *Q* and *P* interchange their position then who is sitting immediately to the left of *A*?

- (A) *Q* (B) *T*
(C) *S* (D) *R*
(E) *P*

- Q74. Four of the five are similar in a certain manner and thus form a group. Find the odd one.
- (A) D – Motorola
 - (B) A - Xiaomi
 - (C) B – Samsung
 - (D) E - Blackberry
 - (E) C – Lava
- Q75. The number of people sitting between those who like the iPhone and Realme is similar to the number of people sitting between _ and _.
- (A) S, Q
 - (B) T, R
 - (C) C, E
 - (D) P, S
 - (E) None

Directions (76-80) Read the following passage and answer the given questions.

Study the following information and answer the given questions.

Five people i.e., A, B, C, D and E are working in a company on five different designations i.e., CEO, CMD, MD, Manager, and Clerk but not necessarily in the same order. The CEO is considered as the seniormost and the Clerk is considered as the junior-most in the company. All of them have different numbers of Pens.

The one who is just junior to *D* has 21 pens. *A* is senior to *D* but junior to *E*. *D* is not MD. B has 34 pens. The difference between the number of pens *C* and *A* has 20 pens. A has more pens than B. E has half the pens of *B* but three more pens than *D*. The number of pens CMD has, is not a prime number.

- Q76. What is the sum of the number of pens the CMD and CEO has?
- (A) 24
 - (B) 51
 - (C) 57
 - (D) 66
 - (E) None
- Q77. Who is the CEO?
- (A) *E*
 - (B) *B*
 - (C) *C*
 - (D) *A*
 - (E) *D*
- Q78. Which of the following is the designation of *C*?
- (A) *CEO*
 - (B) *CMD*
 - (C) *MD*
 - (D) *Manager*
 - (E) *Clerk*
- Q79. Who among the following has the highest number of pens?
- (A) *A*
 - (B) *MD*
 - (C) Both (a) and (b)
 - (D) *CEO*
 - (E) *D*
- Q80. Which of the following combination of Designation - Person - Number of pens is correct?
- (A) Manager - D - 14
 - (B) Manager - D - 20
 - (C) Clerk - B - 34
 - (D) CEO - A - 40
 - (E) CMD - E - 20

Directions (81-85) Read the following passage and answer the given questions.

Study the following information and answer the given questions.

Seven people A, B, C, D, E, F, and G had different birth years, i.e., 1968, 1972, 1988, 1993, 1999, 2001 and 2006 but not necessarily in the same order. All the age calculations are done taking the base year 2022. The difference between the ages of B and G is 5. B is older than G. The number of people born after B is the same as the number of people born before A. Only one person was born between A and E. C is older than F but not the eldest. The difference between the ages of C and D is not more than 5.

- Q81. Who among the following is the eldest?
 (A) D (B) B
 (C) G (D) A
 (E) F
- Q82. What is the age difference between G and F ?
 (A) 12 years (B) 5 years
 (C) 6 years (D) 8 years
 (E) 10 years
- Q83. Who among the following was born just after F ?
 (A) B (B) A
 (C) D (D) E
 (E) G
- Q84. In which year did A was born?
 (A) 1972 (B) 1968
 (C) 1999 (D) 2001
 (E) 2006
- Q85. Who among the following is 29 years old?
 (A) E (B) G
 (C) B (D) F
 (E) D

Directions (86-90) Read the following passage and answer the given questions.

Study the following information and answer the given questions.

In a certain code language,

'Data saved number Manage' is coded as 'ad fg rt yu',

'Gap full rent saved' is coded as 'aq es ad cx',

'Number sum ball rent' is coded as 'gt yu ui aq' and

'Ball full canvas manage' is coded as 'rt gt cd es'.

- Q86. Which of the following will be the code for "Data sum ball"?
 (A) fg ui yu (B) ad aq yu
 (C) fg ui gt (D) rtcx ad
 (E) None of the above
- Q87. Which of the following is coded as 'cx'?
 (A) Canvas (B) Gap
 (C) Full (D) Number

(E) Sum

Q88. If 'whole number' is coded as 'wl yu' then what will be the code for 'whole canvas'?

- (A) 'wl cd' (B) 'wl ui'
(C) 'cd ui' (D) 'ui yu'

(E) None of the above

Q89. Which of the following is coded as 'rt es aq'?

- (A) Manage saved data (B) Saved data Number
(C) Saved full rent (D) Manage full rent

(E) None of the above

Q90. Which of the following is coded as 'ui yu'?

- (A) Sum number (B) Ball gap
(C) Sum data (D) Ball canvas

(E) None of the above

Directions (91-95) Read the following passage and answer the given questions.

In the following questions assuming the given statement to be true, find which of the conclusion(s) among given conclusions is/are definitely true, and then give your answers accordingly.

Q91. Statements:

$$D = F \geq R \geq T; Q > A > S; T = G < H; S = W \leq E \leq D$$

Conclusions:

I. $S \leq F$ II. $D > H$

- (A) Only I follows
(B) Only II follows
(C) Both I and II follow
(D) Either I or II follows
(E) Neither I nor II follows

Q92. Statements:

$$F > C = T; H \leq B \leq G; T \geq Y = U > O; G = V > F$$

Conclusions:

I. $G > O$ II. $F < H$

- (A) Only I follows
(B) Only II follows
(C) Both I and II follow
(D) Either I or II follows
(E) Neither I nor II follows

Q93. Statements:

$$L = K \leq M \leq N; Q > S = C; U = O > P < L; C \geq G \leq U$$

Conclusions:

I. $L \geq G$

II. $P < N$

- (A) Only I follows
- (B) Only II follows
- (C) Both I and II follow
- (D) Either I or II follows
- (E) Neither I nor II follows

Study the following information and answer the given questions.

A three-generation family consists of nine members i.e., B, C, D, E, G, I, J, L and M. C is the mother-in-law of E who is the wife of D. J is the granddaughter of M who is the mother of G. I is the daughter of D. D is the son of B and has no siblings. G is the unmarried nephew of L. G is the brother of E. J is the sister of I.

Q96. If L is the uncle of E then how many female members are there in the family?

- (A) 4
- (B) 5
- (C) 3
- (D) 6
- (E) 2

Q94. Statements:

$$V > C = D \geq R; U = H > N < B; Y \leq T = F > V;$$

$$B \geq G \leq Y$$

Conclusions:

I. $B \geq V$

II. $T > R$

- (A) Only I follows
- (B) Only II follows
- (C) Both I and II follow
- (D) Either I or II follows
- (E) Neither I nor II follows

Q95. Statements:

$$G = H > V; R > T = Y; V < B < N = M; Y \geq F \leq$$

G

Conclusions:

I. $M > G$

II. $R \geq G$

- (A) Only I follows
- (B) Only II follows
- (C) Both I and II follow
- (D) Either I or II follows
- (E) Neither I nor II follows

Directions (96-98) Read the following passage and answer the given questions.

Q97. If K is married to J then how is K related to D ?

- (A) Mother
- (B) Daughter
- (C) Daughter-in-law
- (D) Sister

(E) Son

Q98. How is L related to I?

(A) Grandmother

(B) Grandfather

(C) Mother

(D) Aunt

(E) Cannot be determine

Q99. How many such pairs of letters are there in the word REVOLUTION each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series?

(A) 0

(B) 1

(C) 2

(D) 3

(E) More than 3

Q100. If a meaningful word can be formed using 2nd, 3rd, 6th and 9th letters of DICTIONARY. What will be the second letter from the left of the newly formed word? If no such words can be formed mark *X* as your answer. If more than one such word can be formed mark *Z* as your answer.

(A) I

(B) O

(C) Y

(D) X

(E) Z

Answer Key

Q1. (D)	Q22. (E)	Q43. (B)	Q64. (A)	Q85. (B)
Q2. (C)	Q23. (E)	Q44. (C)	Q65. (B)	Q86. (C)
Q3. (E)	Q24. (A)	Q45. (B)	Q66. (C)	Q87. (B)
Q4. (A)	Q25. (D)	Q46. (A)	Q67. (A)	Q88. (A)
Q5. (B)	Q26. (C)	Q47. (A)	Q68. (E)	Q89. (D)
Q6. (B)	Q27. (D)	Q48. (C)	Q69. (C)	Q90. (A)
Q7. (A)	Q28. (E)	Q49. (A)	Q70. (D)	Q91. (A)
Q8. (C)	Q29. (E)	Q50. (E)	Q71. (D)	Q92. (A)
Q9. (D)	Q30. (D)	Q51. (E)	Q72. (A)	Q93. (B)
Q10. (B)	Q31. (D)	Q52. (A)	Q73. (E)	Q94. (B)
Q11. (A)	Q32. (A)	Q53. (E)	Q74. (E)	Q95. (E)
Q12. (B)	Q33. (B)	Q54. (A)	Q75. (C)	Q96. (B)
Q13. (C)	Q34. (E)	Q55. (B)	Q76. (B)	Q97. (C)
Q14. (B)	Q35. (B)	Q56. (B)	Q77. (A)	Q98. (E)
Q15. (C)	Q36. (A)	Q57. (E)	Q78. (E)	Q99. (D)
Q16. (B)	Q37. (B)	Q58. (C)	Q79. (C)	Q100. (B)
Q17. (A)	Q38. (A)	Q59. (E)	Q80. (A)	
Q18. (D)	Q39. (B)	Q60. (C)	Q81. (A)	
Q19. (B)	Q40. (A)	Q61. (B)	Q82. (D)	
Q20. (A)	Q41. (C)	Q62. (D)	Q83. (E)	
Q21. (D)	Q42. (A)	Q63. (C)	Q84. (C)	