GENERAL ENGLISH

Direction (1 – 8): Read the following passage carefully and answer the questions given below it. Certain words are given in bold to help you locate them while answering some of the questions.

Until recently, scientists did not know of a close vertebrate analogue to the extreme form of generosity observed in eusocial insects like ants and bees, whereby individuals cooperate, sometimes even sacrificing their own opportunities to survive and reproduce, for the good of others. However, such a vertebrate society may exist among underground colonies of the highly social rodent Heterocephalus glaber, the naked mole rat.

A naked mole rat colony, like a beehive, wasp's nest, or termite mound, is ruled by its queen, or reproducing female. Other adult female mole rats neither ovulate nor breed. The queen is the largest member of the colony, and she maintains her breeding status through a mixture of behavioral and, presumably, chemical control. Queens have been long-lived in captivity, and when they die or are removed from a colony one sees violent fighting for breeding status among the larger remaining females, leading to a takeover by a new queen.

Eusocial insect societies have rigid caste systems, each insect's role being defined by its behavior, body shape, and physiology. In naked mole rat societies, on the other hand, differences in behavior are related primarily to reproductive status (reproduction being limited to the queen and a few males), body size, and perhaps age. Smaller non-breeding members, both male and female, seem to participate primarily in gathering food, transporting nest material, and tunneling. Larger non-breeders are active in defending the colony and perhaps in removing dirt from the tunnels. Jarvis' work has suggested that differences in growth rates may influence the length of time that an individual performs a task, regardless of its age.

Cooperative breeding has evolved many times in vertebrates, but unlike naked mole rats, most cooperatively breeding vertebrates (except the wild dog, Lycaon pictus) are dominated by a pair of breeders rather than by a single breeding female. The division of labor within social groups is less pronounced among other vertebrates than among naked mole rats, colony size is much smaller, and mating by subordinate females may not be totally suppressed, whereas in naked mole rat colonies subordinate females are not sexually active, and many never breed.

Q1. Which of the following most accurately states the main idea of the passage?
(A) Naked mole rat colonies are the only known examples of cooperatively breeding vertebrate societies.
(B) Naked mole rat colonies exhibit social organization based on a rigid caste system.
(C) Behavior in naked mole rat colonies may well be a close vertebrate analogue to behavior in eusocial insect societies.
(D) The mating habits of naked mole rats differ from those of any other vertebrate species.
(E) The basis for the division of labor among naked mole rats is the same as that among eusocial insects.

Q2. The passage suggests that Jarvis'work has called into question which of the following explanatory variables for naked mole rat behavior?
(A) Size
(B) Age
(C) Reproductive status
(D) Rate of growth
(E) Previously exhibited behavior

Q3. It can be inferred from the passage that the performance of tasks in naked mole rat colonies differs from task performance in eusocial insect societies in which of the following ways?
(A) In naked mole rat colonies, all tasks ate performed cooperatively.
(B) In naked mole rat colonies, the performance of tasks is less rigidly determined by body shape.
(C) In naked mole rat colonies, breeding is limited to the largest animals.
(D) In eusocial insect societies, reproduction is limited to a single female.
(E) In eusocial insect societies, the distribution of tasks is based on body size.

Q4. The passage supports which of the following inferences about breeding among Lycaon pictus?
(A) The largest female in the social group does not maintain reproductive status by means of behavioral control.
(B) An individual's ability to breed is related primarily to its rate of growth.
(C) Breeding is the only task performed by the breeding female.
(D) Breeding in the social group is not cooperative.
(E) Breeding is not dominated by a single pair of dogs.

Q5. According to the passage, naked mole rat colonies may differ from all other known vertebrate groups in which of the following ways?
(A) Naked mole rats exhibit an extreme form of altruism.
(B) Naked mole rats are cooperative breeders.
(C) Among naked mole rats, many males are permitted to breed with a single dominant female.
(D) Among naked mole rats, different tasks are performed at different times in an individual's life.
(E) Among naked mole rats, fighting results in the selection of a breeding female.

Q6. Choose the word/group of words which is most similar in meaning to the word/group of words printed in bold as used in the passage.
Suppress
(A) Reticent   (B) Proscribe
(C) Subdue   (D) Ostracize
(E) Preposterous

Q7. Choose the word/group of words which is most similar in meaning to the word/group of words printed in bold as used in the passage.
Subordinate
(A) Appendage   (B) Adjunct
(C) Patron   (D) Adjutant
(E) Indigent

Q8. Choose the word/group of words which is most opposite in meaning to the word/group of words printed in bold as used in passage.

Pronounce

(A) Enunciate   (B) Adjudicate

(C) Enshroud   (D) Opine

(E) Interpose

Direction (9 – 13): In each of the questions given below three sentences are given which may or may not be grammatically or contextually correct. Find the sentences which is/are grammatically or contextually incorrect. If all the sentences are grammatically incorrect or are grammatically correct then choose option (e) as your choice.

Q9. (i) I was annoyed by the bickering that followed as it was counterproductive to any chance of long time success.

(ii) Macquarie Fields (electorate) is doing its fair share of development but we aren't getting our fair share of resources and our concerns aren't being listened.

(iii) New Delhi seems to constantly under-estimate Kathmandu's fierce sense of self.

(A) Only (iii)

(B) Both (i) and (iii)

(C) Both (I) and (ii)

(D) Only (i)

(E) None is correct

Q10. (i) While there are of course numerous domestic factors, a key reason for political instability in Nepal has been India's overt and covert intercessions

(ii) There is no need for facts when the judgment is so quickly produced by a jingoistic media and a myopic government.

(iii) It is important that democratic and progressive people awaken to the dangers posed by strongmen and their will to power.

(A) Only (iii)

(B) Both (i) and (iii)

(C) Both (I) and (ii)

(D) Only (i)

(E) All are correct

Q11. (i) This change is so powerfully naturalised that those who question its nature and pace are often portrayed negatively.

(ii) Zesa workers have said their demands for a 75 percent increase in salaries and holiday allowances is legitimate and within the confines of the law.

(iii) Before the game she felt surely of winning, but after five minutes she realized that it was not going to be easy.

(A) Only (iii)

(B) Both (i) and (iii)

(C) Both (I) and (ii)

(D) Only (i)

(E) All are correct

Q12. (i) If you ask me, Shyama is quite all right but I can't tell you much about Radha.

(ii) Being much contented with the sincerity of the members of the staff, the C.M. said that the state needed sincere men like them.

(iii) Developing the systems and sensitising all stakeholders to migrate to the new system was an arduous task but it was successfully implemented.

(A) Only (iii)

(B) Both (i) and (iii)

(C) Only (ii)

(D) Only (i)

(E) None is correct

Q13. (i) He has been trying to lure her for months but owing to his misfortune he has not still succeeded.

(ii) I know I will be compelled to leave this house this week, which will be very disadvantageous for me.

(iii) All this foregrounds two inter-related issues that citizens must consider carefully: data ownership and labour protection.

(A) Only (iii)

(B) Both (i) and (iii)

(C) Only (ii)

(D) Only (i)

(E) None is correct

Direction (14 – 18): In each of the following questions, five options are given and you have to choose the one which has some or any grammatical error in it.

Q14. (A) A 25 basis points rate hike by the US Federal Reserve, which was already priced-in, plus a dovish stance augurs well for risk assets and for emerging markets.

(B) Since the beginning of this year, as the dollar has weakened against the rupee, the benchmark Sensex has soared.

(C) With Fed chair Janet Yellen being her usual dovish self, the market is now convinced it has the best of both worlds

(D) The key to risk appetite for emerging market assets such as Indian equities, therefore, lies in the strength of the dollar.

(E) Rameshwaram informed me that he had gone to one of the Minister's residences and stayed there all night.

Q15. (A) The instances of theft and destruction of distributed renewable energy appliances has been very prevalent in programs especially run by aid agencies as part of corporate social responsibility or where the government provides a subsidy

(B) When the first solar units were installed in Bhamana in 2010, most houses got a small photovoltaic panel connected to a battery that could power a light for five to six hours.

(C) If any proof was needed to show that the United Nations have lately become a policy tool in the hands of the U.S.A. and that the world's sole might has a subservient international body, it was provided by President Bush's angry comment.

(D) Before the floor test began, Rane told reporters that the delay caused by the Congress leadership in staking claim to form the government had demoralized the people of Goa.

(E) Interestingly, while cricket still accounts for much of this, other sports are beginning to make their presence felt.

Q16. (A) The asset management firm was keen on investing in Sohan Lal because of its fully integrated and process-driven business model.

(B) If we had Mohan in our team, we would have won the match against your team.

(C) These products are expected to help cash-strapped developers get easier access to funds while also creating new investment avenues for institutional investors and high-net-worth individuals.

(D) A broken solar panel is all that the 35-year-old farmer has to remind him of the government's promise to bring electricity to all of India's villages.

(E) Many of the young people studying abroad agreed that returning home was always an attractive option.

Q17. (A) If black money can arouse so much ire, tackling the tangible problem of unaffordable healthcare, will get more public support.

(B) They exclaimed with delight that it was a very beautiful picture and said that they have never seen such a beautiful picture before.

(C) The March quarter's financial results should give a glimpse of the impact of price controls on coronary stents.

(D) Only in recent years have some airlines started plugging punctuality as their unique selling proposition, turning it into a bone of contention.

(E) All are correct.

Q18. (A) The group claims that it has identified large assets in diverse sectors including power, steel, infrastructure and logistics for operational turnaround that may entail, in specific cases, a change in management.

(B) This time around, what is more disconcerting is the expansion of the jurisdictional domain of the commission from competition to issues of data security, risk and financial liability.

(C) Failing to appreciate that networks and the use of data are not inherently negative, the current debate that data-rich companies often use their resources to tailor products or services and to improve the services perhaps once again needs reaffirmation.

(D) If all their conversations in the three months he had been coming to the diner were put together, it was doubtful whether they would make a respectable paragraph.

(E) An earlier attempt at highlighting the benefits to consumers of networks found few takers despite a well-reasoned minority order of the Commission.

Direction (19 & 20): Which of the pair of phrases (A), (B), (C) and (D) given below should replace the phrase given in bold in the following sentence to make the sentence grammatically meaningful and correct? If the sentence is correct as it is and no correction is required, choose (E) as the answer.

Q19. On November 8, 2016, when Prime Minister Narendra Modi **expose to the nation that** 500 and 1,000 rupee notes would cease to be legal tender from midnight, he was sincere in asserting that the measure was aimed at breaking "the grip of corruption and black money".

(A) circularize, objective

(B) announced, unequivocal

(C) herald, explicit

(D) promote, impartial

(E) No improvement required

Q20. A degree of solidarity and cooperation among the residents has **encouraged the crisis** in the hills, but there is no doubt that normal life has been **explicitly affected**.

(A) diminished, radically

(B) abetted, sadly

(C) sustained, securely

(D) mitigated, severely

(E) No improvement required

REASONING AND COMPUTER ABILITY

Direction(21-25):Study the following information carefully and answer the given questions.

When a word and number arrangement machine is given an input line of words and numbers, it arranges them following a particular rule. The following is an illustration of Input and rearrangement.(All the numbers are two digit numbers.)

Input: daily 79 do diverse 57 14 dear 86 63 domain 42 dog

Input: dairy 79 do diverse 57 14 dear 86 63 domain 42 dug

Step I: diverse dairy 79 do 57 dear 86 63 domain 42 dug 41

Step II: domain diverse dairy 79 do 57 dear 86 63 dug 41 24

Step III: dairy domain diverse 79 do dear 86 63 dug 41 24 75

Step IV: dear dairy domain diverse 79 do 86 dug 41 do 75 36

Step V: dug dear dairy domain diverse do 86 41 24 75 36 97

Step VI: do dug dear dairy domain diverse 41 24 75 36 97 68

Step VI is the largest step of above arrangement as the indended arrangement as the intended arrangement is obtained

As per the rules followed in the given steps, find out the appropriate steps for the Input.

Input: tears 63 tier 19 trumpet 72 25 be tie 48 tablet 56

Q21.Which element comes exactly between 'trumpet' and 'tier' in Step III of the given input?

(A) 63   (B) be

(C) 91   (D) tears

(E) 56

Q22.Which of the following combinations represent the sixth and eighth element in Step II of the given input from left end?

(A) 63 and tablet   (B) tie and 63

(C) 72 and tablet   (D) 72 and tie

(E) 48 and tears

Q23.If in the last step '2' is added to each of the odd numbers and '1' is subtracted from each of the even numbers, then how many numbers multiple of '3' will be formed?

(A) Two   (B) One

(C) None   (D) Three

(E) More than three

Q24.Which element is fourth to the left of one which is ninth from the left end in second last step?

(A) tears   (B) 72

(C) trumpet   (D) 91

(E) tears

Q25.If the Step IV, '72' interchange its position with 'tears' and 'trumpet' also interchanges its position with '91' then which element will be to the immediate right of '91'?

(A) 63   (B) be

(C) 52   (D) trumpet

(E) 72

Directions (26-30): Study the information carefully and answer the questions given below.

Nine persons are living in a nine-floored building such that ground floor is numbered one then the floor just above it is numbered two and so on till the topmost floored numbered nine. They shifted in this building in different months i.e. January, May, August and December. Not more than three persons shifted in the same month.

No two persons who shifted in same month lives on consecutive floors.

Divya did not shift in the month of January. The three persons who shifted in january are Eli, the one in 4th and 1st. Hemant shifted in May on 6th floor with only one more person in the same month, who lives on an even numbered floor. Persons who shifted in december do not live on top floor. Three persons live between Ishita and Charan. Not more than 1 person lives between Charan and Eli. Gagan lives above Farukh but not immediate above, none of them shifted in May or January. Not more than two people live above Charan, who shifted in december. As many persons live between Charan and Baljeet as between Baljeet and Ajit. Eli lives just above the one shifted in August. Persons shifted in december are less than that in May. Divya lives on an even numbered floor but not 8th.

Q26. How many persons shifted in August?
(A)one   (B)two
(C)three   (D)four
(E)no one

Q27. Four of the following five belongs to a group find the one that does not belong to that group?
(A)Charan   (B)Ishita
(C)Baljeet   (D)Ajit
(E)Eli

Q28. Who among the following lives on 1st floor?
(A)Charan   (B)Ishita
(C)Baljeet   (D)Ajit
(E)Eli

Q29. Four of the following five belongs to a group find the one that does not belong to that group?
(A)Charan   (B)Divya
(C)Baljeet   (D)Ajit
(E)Eli

Q30. In which months did persons living just above and below floor 7 shifted respectively?
(A)August, December   (B)May, May
(C)August, May   (D)January, August
(E)none of these

Directionn(31-35):Study the following information carefully to answer the given questions.
Ten friends are sitting in two parallel rows of six seats each. One seat is vacant in each row. Manisha, Nishu, Omi, Priyanka and Qusum are sitting in row-1 facing South. Divyank, Elena, Farah, Gulshan and Hema are facing North. Each likes the different brand of Shirts i.e. Raymond, Blackberry, Parx, Arrow, Denim, Nirvana, Adidas, Gucci, Levi and Tommy.

Gulshan sits third to the right of Farah and likes Arrow. Only two people sit between Elena and the vacant seat. Elena does not like Denim or Parx. Qusum is not an immediate neighbour of Omi. Nishu likes Tommy. The one who likes Parx faces the one who likes Gucci. The one who likes Parx sits opposite to the one who sits third right of the person who sits opposite to Gulshan. Omi is not an immediate neighbour of Priyanka. Hema, who likes neither Denim nor Nirvana, does not face the vacant seat. Neither Gulshan nor Farah sit at any of the extreme ends of the row. Priyanka faces Farah. Vacant seats are not opposite to each other. Two seats are there between Omi and Nishu, who sits third right of the one who

likes Adidas. The one who likes Levi faces the one who likes Arrow. The persons who like the Raymond and Gucci are adjacent to each other. Vacant seat of row – 1 is not an immediate neighbour of Priyanka. Elena sits at one of the extreme ends of the row. Farah does not like Raymond and Gucci. Vacant seat of row-1 does not face Gulshan who doesn't sit at any of the extreme ends of the row.

Q31.In the given arrangement, if two people come and sit to the immediate left of Elena, how many people will sit between Divyank and Elena?
(A) Two   (B) Three
(C) Four   (D) More than four
(E) One

Q32.Who amongst the following sits third to the right of Farah?
(A) The one who likes Arrow
(B) Elena
(C) Other than those given as options
(D)Divyank
(E) The one who likes Denim

Q33.Which of the following faces the vacant seat of Row – 1?
(A) The one who likes Arrow
(B) Elena
(C) Other than those given as options
(D) Farah
(E) The one who likes Denim

Q34.Four of the following five are alike in a certain way based upon their seating arrangement and so form a group. Which of the following does not belong to the group?
(A) Qusum Elena   (B) Nishu Divyank
(C) Hema Omi   (D) Priyanks Gulshan
(E) Farah Priyanka

Q35.Who amongst the following sits at the extreme end of the row?
(A) Qusum, Elena   (B) Nishu, Divyank
(C) Priyanka, Gulshan   (D) Farah, Priyanka
(E) Other than those given as options

Q36.ADIDAS is written as JEBTBE, How FINGER is written in that code?
(A)IPVTFT   (B)OJGSFH
(C)OGJHFS   (D)QUIHUT
(E)None of these

Q37.PLAYER is written as QKCWHO, How MOSCOW is written in that code?
(A)MMBVTR   (B)NNAUTY
(C)NMUBTR   (D)NNUART
(E)None of these

Q38.ANSWER is written as PCYUTG, How JOURNEY is written in that code?
(A)QLTWGPA   (B)LQWTPGA
(C)QTLEHGB   (D)PUMFIGA
(E)None of these

Direction(39-43): Study the following information to answer the given questions.
X$Y means X is not smaller than Y
X@Y means X is neither smaller than nor equal to Y
X#Y means X is neither greater than nor equal to Y
X&Y means X is neither greater than nor smaller than Y

X*Y means X is not greater than Y

Q39.Statements: U & V, V $ W, W # X, X * Z
Conclusions:
I. Z @ W
II. X @ U
III. W & U
IV. W # U
(A) Only I is true
(B) Only III is true
(C) Only IV is true
(D) Either III or IV is true
(E) Either III or IV and I are true

Q40.Statements: B * F, F $ G, G # N, N @ J
Conclusions:
I. J # G
II. F @ N
III. B # N
IV. F @ J
(A) None is true
(B) Only I is true
(C) Only II is true
(D) Only III is true
(E) Only IV is true

Q41.Statements: X @ Z, Z # T, T & C, C * F
Conclusions:
I. F $ T
II. C @ Z
III. X @ F
IV. Z # F
(A) I, II and III are true
(B) I, II and IV are true
(C) I, III and IV are true
(D) I, III and IV are true
(E) All are true

Q42.Statements: B # F, F* J, O @ N, N $ R Conclusions:
I. R # F
II. R # J
III. F # N
IV. J @ B
(A) II and III are true
(B) II and IV are true
(C) III and IV are true
(D) I, and IV are true
(E) All are true

Q43.Statements: M $ N, N @ O, O * P, P # Q
Conclusions:
I. Q @ N
II. M $ P
III. N @ Q
IV. M @ O
(A) None is true
(B) Only I is true
(C) Only II is true
(D) Only III is true
(E) Only IV is true

Q44.APPLE : BRSPJ :: ROME : ?
(A)FDSQ
(B)HGFH
(C)SQPI
(D)SPQH
(E)None of these

Q45.Itch : ? :: Broken : Repair
(A)Scratch
(B)Sleep
(C)Solve
(D)Treatment
(E)None of these

Q.46. _____ deals with the restructuring of existing source code in reverse engineering.
(A) Abstraction
(B) Completeness
(C) User's screen
(D) Directionality
(E) None of these

Q.47. Maximum storage space is available on
(A) CDs
(B) Floppies
(C) ROM
(D) Hard disc
(E) None of these

Q.48. What is the technique sthat automatically starts a word on the next line if it does not fit on the previous line?
(A)Line wrap
(B)Text wrap
(C)Sentence wrap
(D)Word wrap
(E) None of these

Q.49. What term describes highly trained technical people who are paid to try to break into a computer system before anyone else does?
(A)Hired hands
(B)Piggybacks
(C)Hit teams
(D)White-hat hackers
(E) None of these

Q.50. In an E-R diagram attributes are represented by
(A)Rectangle.
(B)Square.
(C)Ellipse.
(D)Triangle.

QUANTITATIVE APTITUDE

51. A car travels a distance of 170 Km in 2 hrs partly at a speed of 100 kmph and partly at a speed of 50 kmph. The distance travelled at speed of 50 Kmph is :
(A) 66 Km
(B) 40 Km
(C) 30 Km
(D) 60 Km
(E) None of these

52. If 36 men can dig a trench 200m long, 3m wide and 2m deep in 6 days working 10 hrs a day, in how many days, working 8 hrs a day will 10 men dig a trench 100m long, 4m wide and 3m deep?
(A) 15 days
(B) 27 days
(C) 20 days
(D) 54 days
(E) None of these

53. The simple interest accrued on a sum of certain principal in 8 years at the rate of 13% per year is Rs. 6500. What would be the compound interest accrued on that principal at the rate of 8% per year in 2 years?
(A) Rs. 1040
(B) Rs. 1020
(C) Rs. 1060
(D) Rs. 1200
(E) None of these

54. A bag contains 3 red balls and 8 blacks ball and another bag contains 5 red balls and 7 blacks balls, one ball is drawn at random from either of the bag, find the probability that the ball is red.
(A) $\frac{93}{264}$
(B) $\frac{95}{264}$
(C) $\frac{91}{264}$
(D) $\frac{97}{264}$
(E) None of these

55. A boat travels upstream from B to A and downstream from A to B in 3 h. If the speed of the boat in still water is 9 Km/h and

the speed of the current is 3 Km/h, what is the distance between A and B?

(A) 6 Km   (B) 4 Km
(C) 8 Km   (D) 12 Km
(E) None of these

56. There are 6 males and 5 females. They sit in a row randomly. What is the chance that all females do not sit together?

(A) $\frac{61}{66}$ (B) $\frac{63}{67}$
(C) $\frac{61}{67}$ (D) $\frac{65}{66}$
(E) $\frac{57}{67}$

57. A cricketer whose bowling average is 24.85 runs per wicket, takes 5 wickets for 52 runs and thereby decreases his average by 0.85. The number of wickets taken by him till last match was:

(A) 64   (B) 72
(C) 80   (D) 96
(E) None of these

58. Two place P and Q are 160 km apart. A train leaves P for Q and at the same time another train leaves Q for P. Both the trains meet 5 hrs after they start moving. If the train travelling from P to Q travels 6 km/hr faster than the other train, find the speed of the faster train.

(A) 19 km/hr   (B) 13 km/hr
(C) 21 km/hr   (D)Can't be determined
(E) None of these

59. One year ago, the ratio between Mahesh's and Suresh's salaries was 3 : 5. The ratio of their individual salaries of last year and present year are 2 : 3 and 4 : 5 respectively. If their total salaries for the present year are Rs 43000, what is the present salary of Mahesh?

(A) Rs 19000   (B) Rs 18000
(C) Rs 16000   (D) Rs 15500
(E) None of these

60. The marked price of a book is 20% more than the cost price. After the book is sold, the vendor realizes that the he had wrongly raised the cost price by a margin of 25%. If the marked price of the book is Rs. 30, what is the original cost price of the book?

(A) Rs. 25   (B) Rs. 20
(C) Rs. 45   (D) Rs. 30
(E) None of these

Directions (Q. 61-65) : Two equations I and II are given below in each question. You have to solve these equations and give answer.

(A) if x < y   (B) if x > y
(C) if x ≤ y   (D) if x ≥ y
(E) if x = y or no relation can be established.

61. I. $x^2 – 14x + 48 = 0$
  II. $y^2 + 6 = 5y$
62. I. $x^2 + 9x + 20 = 0$
  II. $y^2 + 7y + 12 = 0$
63. I. $x^2 = 529$
  II. $y = \sqrt{529}$
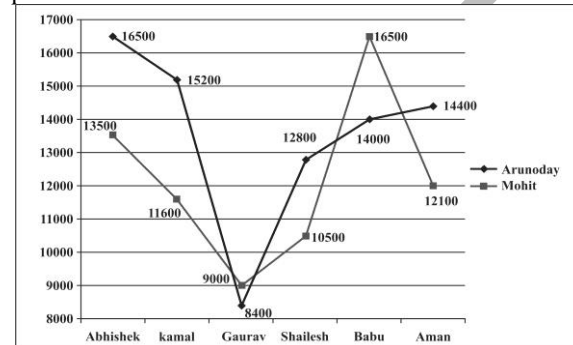**64. I.** $2x + 3y = 14$
  II. $4x + 2y = 16$
65. I. $x^2 – 1 = 0$
  II. $y^2 + 4y + 3 = 0$

Directions (Q. 66-70) : Study the following line graph carefully to answer the questions based on it.

The graph shows the amount lent by Mohit and Arunoday to six persons.

66. What is the difference between the average amount rent out by Arunoday and Mohit?

(A) Rs. 1530   (B) Rs. 1350
(C) Rs. 1050   (D) Rs. 1320
(E) None of these

67. What is the interest earned by Arunday from Abishek and Shailesh if he lent them money at 10% and 11% p.a. respectively, interest being compound annually for 2 years?

(A) Rs. 6435   (B) Rs 6345.88
(C) Rs. 6435.88   (D) Rs 6453.88
(E) None of these

68. Babu returned Rs. 16633.4 to Arunday after 2 years. Find the rate pcpa at which he borrowed the amount at compound interest compounded annually?

(A) 19%   (B) 12%
(C) 10%   (D) 9%
(E) 8%

69. If Aman borrowed same amount as Babu from Arunday at same rate of interest for 3 years at simple interest while Babu borrowed at compound interest compounded annually at same rate and time period If the difference between their interest is Rs. 992.25 then find the rate pcpa.

(A) 15%   (B) 10%
(C) 5%   (D) 12%
(E) None of these

70. Find the amount earned by Mohit by lending money to given persons at 10% pa in 1 year?

(A) Rs. 7235   (B) Rs. 7330
(C) Rs. 7230   (D) Rs. 7320
(E) None of these

71. In a recruitment test for the post of a bank probationary officer, 70% of those passed in the written test qualified in the skill test, 65% qualified in the interview, 27% failed in both and 248 qualified in both. The total number of candidates passed in written test is

(A) 300   (B) 400
(C) 250   (D) 330

(E) None of these

72. Car A runs at the speed of 65 km/h and reaches its destination in 8 hours. Car B runs on the same route at the speed of 78 km/hr. If the speed of the car B is decreased by 26 km/hr, how much more time will it take to cover the same distance?

(A) 10 hrs (B) 3 hrs 20 minutes
(C) 6 hrs 40 minutes (D) 8 hrs
(E) 8 hrs 30 minutes

73. The average weight of Subodh, Babu and Chimman is 80 kg. Kamlesh joins them and the average weight of the four becomes 81 kg. If Ram whose weight is 2 kg. more than Kamlesh replaces Subodh, then the average weight of Babu, Chimman, Kamlesh and Ram becomes 83 kg. find the weight of Subodh.

(A) 80 kg (B) 85 kg
(C) 70 kg (D) 75 kg
(E) None of these

74. A baoat against the current of water goes 4 km per hour and in the direction of the current at 8 km per hour. The boat for going to a place B from A in upward and returning back in downward direction to A takes 45 minutes. Find the distance between A and B.

(A) 2.5 km (B) 2.25 km
(C) 3 km (D) 2 km
(E) None of these

75. Ramu, Pappe and Buddha hired a meadow for a certain sum. Ramu puts 40 cows for 10 months. Pappe puts 50 cows for 5 months and Buddha puts 70 cows for 4 months. If Ramu paid Rs. 80. Find the rent of the meadow.

(A) Rs. 190 (B) Rs. 200
(C) Rs. 180 (D) Rs. 160
(E) None of these

GENERAL KNOWLEDGE

Q.76. Financial Services Secretary Rajiv Kumar said that the Provision Coverage Ratio (PCR) of Public sector bank has gone up from 46.04 % as of March 2015 to what percent, as of September 2018?

(A)66.85 % (B)54.78 %
(C)23.45 % (D)78.65 %
(E)None of these

Q.77. Oscar, Grammy-winning lyricist Norman Gimbel passed away. He hails from which country?

(A)USA (B)Germany
(C)Canada (D)Singapore
(E)Australia

Q.78. Name the head of the single-member panel that has recommended creation of new specialized units for information warfare in areas where the counter-insurgency operations are being conducted?

(A)Sanjay Mitra (B)DS Hooda
(C)Arindam Chaudhary (D)Ravi Handa
(E)None of these

Q.79. The unique Chapparam (Chariot) festival, that symbolizes the importance of preserving all kinds of food and fodder, was celebrated in which temple?

(A)Brihadisvara Temple (B)Venkateshwara Temple
(C)Meenakshi Temple (D)Somanath Temple
(E)None of these

Q.80. Which Nation"s air line made history when they flew the first flight without any single use plastic?

(A)Protugal (B)France
(C)Greece (D)Germany
(E)Romania

Q.81. Which among the following financial institution becomes most valuable business house in the country?

(A)Tata Group (B)HDFC Group
(C)Reliance Group (D)ICICI Group
(E)None of these

Q.82. Andry Rajoelina wins the presidential Election of which country?

(A)Mangolia (B)Montenegro
(C)Madagascar (D)Maldives
(E)Montenegro

Q.83. Recently, RBI allows which organisation to use existing Rs. 1000-crore corpus for funding micro finance institutions?

(A)NABARD (B)SIDBI
(C)SBI (D)IDBI
(E)IFCI

Q.84. Recently, Prime Minister Narendra Modi announced Rs. 4,500 crore financial assistance to which Asian country for its 12th five year plan?

(A)Nepal (B)Bangladesh
(C)Bhutan (D)Yemen
(E)Myanmar

Q.85. Famous personolity Hamidi Kashmiri passed away recently. He is professionally a ___

(A)Poet (B)Musician
(C)Cricketer (D)Film Director
(E)Freedom fighter

Q.86. Finance Ministry state that the seventh tranche of electoral bonds sale will kick off from which day?

(A)January 1st (B)January 3rd
(C)January 5th (D)January 7th
(E)January 10th

Q.87. Who became the 25th player from his country to be inducted into the ICC hall of fame?

(A)Danniel Vitory (B)Brain Lara
(C)Kumara Sangakara (D)Saurav Ganguly
(E)Ricky Pointing

Q.88. Who has been conferred with the 'Tansen Samman' for 2018 by the Madhya Pradesh government for her contribution in the field of music?

(A)Zakir Hussain (B)Anupama Bhagawath
(C)Anoushka Shankar (D)Manju Mehta
(E)None of these

Q.89. Tulsi Giri passed away.He was the former PM of which country?

(A)Sri Lanka   (B)Nepal
(C)India   (D)Bangladesh
(E)Bhutan

Q.90. Every year National Consumers Day is observed on which among the following days?
(A)December 20th   (B)December 21st
(C)December 22nd   (D)December 23rd
(E)December 24th

Q.91.Infosys announced that its Board of Directors has appointed whom as the chief financial officer (CFO) of the company?
(A)Niranjan Roy   (B)Nilanjan Roy
(C)Nelendra Vardhan (D)Nikilesh Prabhu
(E)None of these

Q.92. Which state Government has launched a mobile app named as „Shiksha Setu" with an aim to help the students of the state?
(A)Punjab   (B)Odisha
(C)Nagaland   (D)Maharashtra
(E)Haryana

Q.93. Who has been named People for the Ethical Treatment of Animals (PET(A)India"s Person of the Year for 2018?
(A)Anushka Sharma   (B)Alia Bhatt
(C)Priyanka Chopra   (D)Deepika Padukone
(E)Sonam Kapoor

Q.94. Indra Navy is a bilateral naval exercise, between India and which among the following countries?
(A)Sri Lanka   (B)Bhutan
(C)Bangladesh   (D)Russia
(E)China

Q.95. Which country wins Hockey World Cup 2018 Title?
(A)Arentina   (B)Canada
(C)India   (D)South Africa
(E)Belgium

Q.96. How much percentage did Asian Development Bank (AD(B)growth forecast at despite downside risks?
(A)7.3%   (B)8.5 %
(C)6.8 %   (D)5.6%
(E)None of these

Q.97. Scientists from which country developed a "rewritable" paper?
(A)Fiji   (B)India
(C)China   (D)USA
(E)Japan

Q.97. Which country is rejoining Commonwealth after 2 years of withdrawal?
(A)Maldives   (B)Mauritius
(C)Thailand   (D)Indonesia
(E)None of these

Q.98. With which insurance company Paytm join hands to offer online insurance premium payments?
(A)HDFC Life   (B)SBI Life Insurance
(C)LIC   (D)ICICI Prudential
(E)None of these

Q.99. How much percent subsidy will give by government for non-basmati rice exports for the four months to 25 March, 2019?
(A)5%   (B)7%
(C)9%   (D)10%
(E)None of these

Q.100. With which nation the United Kingdom has reached a post-Brexit aviation agreement?
(A)United States   (B)France
(C)Germany   (D)Japan
(E)None of these