GENERAL AWARENESS

1. What did Shera - the Mascot of the 2010 Delhi Commonwealth Games - ask the audience of all age group ?
   (1) Rise, life and progress
   (2) Come forward and win
   (3) Come out and play ,
   (4) Like, rise and move
   (5) None of these

2. Sachin Tendulkar was adjudged the ICC Cricketer of the Year at the LG ICC Awards on October 6, 2010 in Bangalore and thus he became the second Indian to win this coveted award after
   (1) Sourav Ganguly in 2004
   (2) Rahul Dravid in 2004
   (3) Virender Sehwag in 2009
   (4) Gautam Gambhir in 2009
   (5) None of these

3. The Centre has released to States Rs. 3938.96 crore till Septemer 2010, under the Rashtriya Krishi Vikas Yojana (RKVY) during 2010-11 against a total allocation of Rs. 6790.04 crore. In which year RKVY was launched to achieve four per cent annual growth in the agriculture sector through the holistic development of agriculture and allied sectors?
   (1) August 2008
   (2) September 2009
   (3) August 2007
   (4) September 2007
   (5) September 2008

4. A special full Bench of Justices SU Khan, Sudhir Agarwal and DV Sharma of the Lucknow Bench of the Allahabad High Court pronounced its verdict on the Ayodhya title suits on September 30, 2010. On which of the following dates the final hearing of the case did begin on the title suits ?
   (1) July 23, 1996
   (2) August 31, 2003
   (3) July 26, 1998
   (4) September 8, 2001
   (5) June 24, 2000

5. As per the instructions issued by the Reserve Bank of India, the co-operative banks, regional rural banks, non-banking insurance companies and other entities are......
   (1) allowed to carry their transactions in Government securities only in their physical forms.
   (2) allowed to trade in gifts only in demat forms.
   (3) not allowed to carry trade in gifts in any form.
   (4) required to carry trade in gifts only in physical forms and after taking permission of the RBI in advance.
   (5) None of these

6. Most of the public sector banks and housing finance companies who are providing housing loans to individuals get the refinance from......
   (1) Reserve Bank of India
   (2) Ministry of Housing & Development
   (3) Life Insurance Corportation of India
   (4) HUDCO
   (5) None of these

7. The water-flow in which of the following rivers shared by the India and Pakistan both, is controlled by the International treaties ?
   (1) Indus only
   (2) Chenab only
   (3) Jhelum only
   (4) Only (2) and (3) .
   (5) All the three

8. Which of the following ports has been designated as 'hub port' in western India ?
   (1) Bhuj-Kandalaport
   (2) Jamnagar port
   (3) Goa port
   (4) Jawaharlal Nehru Port, . Mumbai
   (5) None' of these

9. British scientist Rober Edwards, whose pioneering research led the birth of the world's first 'test-tube baby' on July 25, 1978 won the 2010 Nobel Prize for Medicine on October 5, 2010. What is the name of the scientist who was closely associated with Edwards in this pioneering work?
   (1) Ei-ichi Negishi
   (2) Richarch F Heck
   (3) Patrick Steptoe
   (4) Andrei Geim
   (5) None of these

10. ___President Susilo Bambang Yudhoyono was, on October 15, 2010, announced by the Centre to be the chief guest at the 2011 Republic Day parade in Delhi.
    (1) Indonesian   (2) Malaysian
    (3) Singaporean (4) Cambodian
    (5) None of these

11. In which country did parliamentary election on October 10, 2010, produce no clear winner, setting the stage for a fractured legislature?
    (1) Turkmenistan
    (2) Portugal
    (3) Sweden
    (4) Kyrgyzstan
    (5) None of these

12. The Planning Commission, on October 4, 2010, launched a website to elicit suggestions on the Approach Paper' to the XII Plan (__) so as to make the final document more inclusive.
    (1) 2011-2016
    (2) 2012-2017
    (3) 2013-2018
    (4) 2014-2019
    (5) None of these

13. In the election of the President of India, which among the following members has the right to vote?
    (1) Only Members of Lok Sabha
    (2) Only Members of Rajya Sabha

(3) Only Members of State Legislatures

(4) Elected Members of both the Houses and State Legislatures

(5) None of these

14. _____ on October 6, 2010, claimed England's first gold medal in the 2010 Delhi Commonwealth Games ahead of Australian world champion Marieke Guehrer in the women's 50m butterfly, in a Games record time of 24.62.

(1) Marie Donald
(2) FranHalsall
(3) Meryl Nicole
(4) Edwina Philips
(5) None of these

15. The modern tool for imaging brain tumours is —

(1) X-rays
(2) Ultrasound
(3) Magnetic resonance
(4) Electronic spin resonance
(5) None of these

16. Which among the following statement(s) is/are TRUE in terms of exports in the Agriculture Sector ?

A. The Government has created 10 new zones to promote agricultural products.

B. Five new zones have been created to promote only farm products.

C. Now the number of Agriculture Export zone has gone to 20.

(1) Only A
(2) Only B
(3) Only B and C
(4) Only C
(5) Only A and C

17. Consider the following statements about the 2010 Commonwealth Games held in New Delhi in October 2010?

a. Kabaddi was a demonstration sport at the Games.

b. Triathlon was excluded from the games as there was no suitable location for the swimming stage.

c. There were 17 sports for the 2010 Commonwealth Games. Select the correct answer using the codes given below:

(1) All of the above
(2) Only a

(3) Both b and c
(4) Only c
(5) None of these

18. Who among the following heads of state from outside India attended the opening ceremony of the 2010 Commonwealth Games on October 3, 2010?

(1) Mohamed Nasheed, President of the Maldives
(2) Marcus Stephen, President of Nauru
(3) Prince Albert II of Monaco
(4) All of the above
(5) None of these

19. In the international system of measurement, Kelvin is the unit of —

(1) Electric Current
(2) Length
(3) Liquid
(4) Temperature
(5) Intensity of light

20. Which among the following in India is the second largest economic activity after agriculture ?

(1) Handloom
(2) Poultry
(3) Education & tuition
(4) Carpentary
(5) None of these

21. From which of the following games Abhinav Bindra is related?

(1) Cricket
(2) Swimming
(3) Badminton
(4) Golf
(5) Shooting

22. At which place did the Defence Ministers from India and several Asia-Pacific countries, including China and the United States, affirm their collective "commitment to enhance peace, security, and prosperity in the region" on October 12, 2010?

(1) Manila
(2) Beijing
(3) Hanoi
(4) Tokyo
(5) None of these

23. Who among the following has compiled his private papers in the form of a book, titled 'Conversations with Myself which went on sale on October 12, 2010?

(1) John Major
(2) Tony Blair
(3) Nelson Mandela
(4) Bill Clinton
(5) None of these

24. Scientists at the National Snow and Ice Data Center in Colorado, in October 2010, came out with the disturbing figures that Ice cover in the Arctic declined to its __ lowest point this summer.

(1) Second
(2) Third
(3) Fourth
(4) Most
(5) None of these

25. Which is the first transgenic crop in India?

(1) Bt Cotton
(2) Potato
(3) Onion
(4) Tomato
(5) Rice

26. After a gap of three years, India and Russia, in October 2010. conducted a 10-day joint anti-terrorism exercise, termed ____ 2010 in Uttarakhand's Ranikhel district.

(1) Vajra
(2) Garuda
(3) Nag
(4) Indra
(5) None of these

27. India and ____ on September 30, 2010, signed three agreements besides agreeing upon a credit line of $500 million for infrastructure projects.

(1) Mauritius
(2) Mauritania
(3) Mozambique
(4) Botswana
(5) None of these

28. Which of the following has been included in the list of Fundamental Rights to Indian citizen ?

(1) Job to each and every single woman who has obtained a post graduation Degree and is not more than 29 years of age
(2) Equal opportunities to every woman wishing to join Indian Defence services at any level/ position
(3) Education to all children between 6-14 years of age
(4) Social security to every person who has attained the age of 70 years but does not have regular income to support him/herself.
(5) None of these

29. The Automatic Fleet Management system tracking the movement of vehicles through satellite will be used in monitoring the movement of public buses in —

(1) Mumbai
(2) Kolkata
(3) Hyderabad
(4) Chennai
(5) New Delhi

30. The North-Eastern states form nearly what percentage of India's total geographical area ?
(1) 15%   (2) 10%
(3) 8%   (4) 5%
(5) 3%

31. Which of the following PSUs is now a member of the Tata Group of Companies ?
(1) Bharat Petroleum
(2) Bharat Sanchar Nigam Ltd.
(3) Videsh Sanchar Nigam Ltd.
(4) Nuclear Power Corporation Ltd.
(5) None of these

32. The apex court of Ukraine, in October 2010, voided changes to the Constitution adopted during the pro-Western "___; revolution," invalidating the controversial political reform of 2004.
(1) Crimson   (2) Blue
(3) Orange   (4) Yellow
(5) None of these

33. The unemployment rate in the U.S. remained at_____per cent during September 2010, according to monthly jobs report by the U.S. Bureau of Labour Statistics on October 8, 2010.
(1) 7.2   (2) 8.4
(3) 9.6   (4) 10.2
(5) None of these

34. Forest area as percentage to total geographical area (in North-Eastern states) is maximum in—
(1) Assam
(2) Manipur
(3) Nagaland
(4) Tripura
(5) Arunachal Pradesh

35. Which of the following items does not fall in the category of items being exported from India ?
(1) Tea   (2) Footwear
(3) Milk   (4) Steel
(5) Garments

36. Which of the following is the correct full form of TRIPS ?
(1) Trade Related Insurance and Protection Services
(2) Trade Regulation and Insurance Providing Services
(3) Technical Regulations Index Protection Services
(4) Trade Related Intellectual Property Rights
(5) None of these

37. 'Sharda Act' is related with the —
(1) Child marriages
(2) Rent Control
(3) Elections of Local bodies
(4) Dual Citizenship to NRIs
(5) None of these

38. Which of the following companies is in the diamond business?
(1) A T & T
(2) Omega
(3) De Beers
(4) Cathay Pacific
(5) None of these

39. Who among the following was, on September 29, 2010, chosen by the International Cricket Council as its ambassadors for the year 2010-11?
(1) Virender Sehwag
(2) Kumar Sangakkara
(3) Paul Collingwood and Michael Clarke
(4) All of the above
(5) None of these

40. The Cambridge University, on October 13, 2010, conferred Honorary Fellow of Trinity Hall on_____, making him the first south Asian in over 50 years to get this honour.
(1) Manmohan Singh
(2) P. Chidambaram
(3) Karn Singh
(4) Mani Shankar Aiyar
(5) None of these

GENERAL ENGLISH

Directions (41-55): Read the following passage carefully and answer the questions given below it. Certain words are printed in **bold** to help you locate them while answering some of the questions.

In the town of Agra there lived a rich businessman. But he was also quite a miser. Various people used to flock outside his house everyday hoping for some kind of generosity, but they always had to return home disappointed. He used to ward them off with false promises and then never lived up to his word. Then one day, a poet named Raidas arrived at his house and said that he wanted to read out his poems to the rich man. As the rich man was very fond of poetry, he welcomed him in with open arms.

Raidas started to recite all his poems one by one. The rich man was very pleased and especially so when he heard the poem that Raidas had written on him. In those days it was a custom for rich men and kings to show their appreciation through a reward or a gift, as that was the only **means** of earning that a poor poet possessed. So the rich man promised Raidas some gifts and asked him to come and collect them the next day. Raidas was **pleased.**

The next morning when he arrived at the house, the rich man pretended that he had never laid eyes on him before. When Raidas reminded him of his promise, he said that although Raidas was a good poet he liked the poem which was written on him and the rest of the poems were very ordinary. He also said that he had earlier promised a reward to Raidas not because he was really pleased or impressed, but to simply encourage him. Raidas was extremely upset, but as there was nothing that he could do, he quietly left the house. On his way home he saw his brother Kuber riding a horse. So he stopped him and asked for his help after **narrating** the whole incident. Kuber took him to his own house in order to come up with a plan. After giving it some thought he asked Raidas to go to a friend's house with five gold coins and request the friend to plan a dinner where the rich man would also be invited. He then narrated his plan to him.

Raidas had one **trustworthy** friend whose name was Mayadas. So he went up to him and told him the plan. The next day, Mayadas went to the rich man's house and invited him for dinner. He said that he **intended** to serve his guests in vessels of gold, which the guests would get to take home after the meal. The rich man was thrilled to hear this and jumped at the offer. After the rich man arrived at Mayadas' house, he was surprised to see no other guests there but Raidas. Anyhow, they welcomed him in and started a polite conversation. The rich man had come on an empty stomach and so was getting hungrier by the minute.

Finally at midnight the rich man could bear his hunger no longer and asked Mayadas to serve the food. Mayadas sounded extremely surprised when he asked him what food was he talking about. The rich man tried to remind him that he had been invited

for dinner. At this point Raidas asked him for proof of the invitation. The rich man had no answer. At the point Raidas reminded the rich man of the same treatment that he had meted out to him. The rich man realised his mistake and begged for forgiveness. He said that Raidas was a good poet and had not asked him for any reward. He himself had promised to give him some gifts and then cheated him out of them. To make up for his mistake he took out the necklace that he was wearing and gifted it to Raidas. Then they all sat down to eat a happy meal.

41. Why was the rich businessman thrilled on being invited over to dinner by Mayadas ?
(1) He was thrilled to have dinner for free
(2) No one had ever invited him over for dinner since he was very miserly
(3) Mayadas had promised to serve in gold dishes which the guests were allowed to take home with them
(4) Mayadas had promised many delicacies in the dinner
(5) None of these

42. Which of the following is true" in context of the passage ?
(1) It was Raidas' brother Ruber's plan to teach the rich businessman a lesson
(2) The rich businessman had to return empty stomach from Mayadas's house
(3) Mayadas was a trustworthy friend of the rich businessman
(4) None is true
(5) All (1), (2) and (3) are true

43. What did Raidas and Mayadas do when the rich businessman came over for dinner ?
(1) They were trilled to have a rich businessman as their guest and served him well
(2) They served him in gold utensils which he later took with himself
(3) They did not serve him any food until he learnt a lesson on what he had done with Raidas
(4) They forced him to give away his necklace to Raidas in return of the dinner which they had served
(5) None of these

44. What did the rich businessman do when Raidas went to collect his reward from him the next day?
(A) The businessman refused to award him eventhough he had promised so earlier.
(B) He said that he had promised a reward only to encourage him not because he was pleased with him.
(C) He said that most of the poems written by Raidas were ordinary.
(1) Only B
(2) Only A and C
(3) Only B and C
(4) All of these
(5) None of these

45. Why did people flock outside the rich businessman's house everyday ?
(1) The businessman was very kind-hearted arid generous
(2) They sought and explanation from him on not keeping the promises made to them
(3) All of them wanted to recite poem to him as he was fond of poems
(4) They would hope for some generosity from the businessman since he was rich
(5) None of these

46. Why did the people always return home disappointed from the rich businessman's house ?
(1) He would donate less than what he had promised to them
(2) He made promises to them but never kept his words
(3) The rich man would only reward those who had written poetry on him
(4) Both (2) and (3)
(5) None of these

47. How did the rich businessman react when he realized his mistake of not keeping his promise which he had made to Raidas ?
(1) He asked Raidas to come to his house the next day to take his reward
(2) He left Mayadas' house immediately without having dinner
(3) He justified that Raidas did not deserve an award since his poems were very ordinary

(4) He said that Raidas was lying and that he had already awarded him with a necklace
(5) None of these

48. Which of the following is the moral of the story ?
(1) A house divided against itself cannot stand
(2) A bird in hand is worth two in the bush
(3) Never make a promise
(4) Proof of pudding is in the eating
(5) Never go back on your promises

49. Why was the rich businessman *i* pleased with Raidas ?
(1) Raidas had recited poems to him but had not asked for any gifts in return
(2) Raidas was also as miserly as him
(3) Raidas had invited him over for dinner
(4) The businessman liked his poetry, especially the one written on him
(5) None of these

50. Which of the following best describes Ruber ?
(1) Manipulative   (2) Clever
(3) Miserly   (4) Influential
(5) None of these

Directions (51-53): Choose the word which is **most similar** in meaning to the word printed in **bold** as used in the passage.

51. NARRATING
(1) Talking   (2) Performing
(3) Departed   (4) Executing
(5) Describing

52. MEANS
(I) Expression   (2) Idea
(3) Intention   (4) Way
(5) Purpose

53. INTENDED
(1) Presumed   (2) Wanted
(3) Promised   (4) Confirmed
(5) Expected

Directions (54-55) : Choose the word which is **most opposite** in meaning to the word printed in **bold** as used in the passage.

54. TRUSTWORTHY
(1) Worthless   (2) Unfair
(3) Unreliable
(4) Discriminating
(5) Awful

(1) Disappointed

(2) Stunned   (3) Hostile

(4) Jealous   (5) Pensive

Directions (56-60) : Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is '5'. (Ignore the errors of punctuation, if any).

56. The number of students (1)/ present in the school today (2) / are less because of (3) / the rumour of an approaching storm. (4)/ No error (5)

57. As soon as the fire alarm (1)/ went off, the (2)/ residents of building (3) / vacated it immediately. (4)/ No error (5)

58. Considering the amount (1)/ of stress she is under (2)/ it is not surprising that (3)/ she keep getting migraines. (4)/ No error (5)

59. The condition of the city (1)/ seems to be very appalling (2)/ with all the vehicles (3)/ belching out exhaust fumes. (4)/ No error (5)

60. As it got foggier (1)/ it become almost impossible (2)/ to steer the boat (3)/ along the narrow canal. (4)/ No error (5)

Directions (61-65) : Rearrange the following six sentences (A), (B) (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

(A) He explained to the king that the gunny bag full of grains was the real gold that the earth could give, which he had grown with lots of hard-work.

(B) King Aditya was growing old and decided to hand over his kingdom to the most deserving of his five sons.

(C) He then told them to use this land and return with gold after six months.

(D) King Aditya was impressed and handed over his kingdom to Raviditya.

(E) In order to test them he took them to a field and gave a piece of land to each one of them.

(F) After six months all returned empty handed except Raviditya who carried a gunny bag on his shoulder.

61. Which of the following should be the **SECOND** sentence after rearrangement ?

(1) B   (2) C

(3) D   (4) E

(5) F

62. Which of the following should be the **FOURTH** sentence after rearrangement?

(1) B   (2) C

(3) E   (4) D

(5) F

63. Which of the following should be the **LAST (SIXTH)** sentence after rearrangement ?

(1) A   (2) B

(3) C   (4) D

(5) E

64. Which of the following should be the **FIRST** sentence after rearrangement?

(1) B   (2) C

(3) D   (4) E

(5) F

65. Which of the following should be the **THIRD** sentence after rearrangement?

(1) A   (2) B

(3) C   (4) D

(5) E

Directions (66 - 70) : In each question below a sentence with four words printed in **bold** type is given. These are numbered as (1), (2), (3) and (4). One of these four words printed in **bold** may be either **wrongly spelt or inappropriate** in the context of the sentence. Find out the word, if any, which is wrongly spelt or inappropriate. The number of that word is your answer. If all the words printed in **bold** are correctly spelt and also appropriate in the context of the sentence, mark (5),'" i.e. 'All correct' as your answer.

66. They failed to **adhear** (1)/ to the terms of the **agreement** (2)/ on which **they** (3)/ had agreed **upon** (4)/ earlier. All correct (5)

67. The main **problem (**1) / of education is **that** (2)/ it is not **excessible**(3) / to all the people **conveniently.** (4)/ All correct (5)

68. Last night the **ambassador** (1)/ was **summoned** (2)/ to the for-

eign office to **discuss** (3) / the **crisis.** (4)/ All correct (5)

69. He was an **amature** (1)/ singer **till** (2)/ the age of forty, **when** (3)/ he turned a **professional.** (4)/ All correct (5)

70. It never **ceases** (1)/ to **amazing** (2)/ me how he can talk for so long without **ever** (3) / saying **anything** interesting. (4)/ All correct (5)

Directions (71-80) : In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

As you all know, Emperor Akbar was very **(71)** with Birbal's wisdom and greatly enjoyed his quick wit. One fine morning when Akbar was especially pleased with Birbal, as a gesture of appreciation, he promised to **(72)** him with many valuable and beautiful gifts.

However, many days passed, and still there was no sign of even one gift. Birbal was quite **(73)** with the king. Then one day, when Akbar was strolling down the banks of River Yamuna with his ever faithful Birbal at his side, he happened to **(74)** a camel passing by. He asked Birbal why the neck of the camel was crooked. Birbal **(75)** for a second and promptly replied that it might be because the camel may have forgotten to honour a promise. The holy books mention that those who **(76)** their word get punished with a crooked neck. Perhaps that was the reason for the camel's crooked neck.

Akbar soon **(77)** his folly of making a promise to Birbal for gifts and not honouring it. He was **(78)** of himself. As soon as they returned to the palace he immediately gave Birbal his much **(79)** reward. In this way Birbal **(80)** to get what he wanted without directly asking for it.

71. (1) impressed   (2) liked

(3) interesed   (4) jealous

(5) enthusiastic

72. (1) pamper   (2) bonus

(3) reward   (4) give

. (5) tribute

73. (1) jealous   (2) sad

(3) hated   (4) happy

(5) disappointed

74.
(1) stare (2) notice
(3) examine (4) ride
(5) saw

75.
(1) thought (2) scared
(3) answered (4) said
(5) talked

76.
(1) fall (2) make
(3) defeat (4) break
(5) keep

77.
(1) reminded (2) mistook
(3) realized (4) apologized
(5) understand

78.
(1) forgetful (2) ashamed
(3) grief (4) sympathetic
(5) sorry

79.
(1) accumulated
(2) expensive (3) extorted
(4) awaited (5) wanted

80.
(1) accomplish
(2) handled (3) retrieved
(4) expected (5) managed

QUANTITATIVE APTITUDE

Directions (81 - 95) : What should come in place of the question mark (?) in the following questions ?

81. 75638 – 36211 + 12673 = ?
(1) 52100 (2) 26754
(3) 43820 (4) 51250
(5) None of these

82. 8474 ÷ 200 + ? = 90.37
(1) 84 (2) 46
(3) 42.37 (4) 36.48
(5) None of these

83. $(4.5)^2 ÷ (2.5)^2 × 5 = ?$
(1) 15.4 (2) 16.2
(3) 25.4 (4) 25.3125
(5) None of these

84. $780 ÷ \sqrt{676} + (?)^2 = 1326$
(1) 1296 (2) 32
(3) 1024 (4) 36
(5) None of these

85 78 + 652 + 6 + 41 + 119 = ?
(1) 905 (2) 855
(3) 896 (4) 890
(5) None of these

86. 250% of 1400 – ? % of 1600 = 1580
(1) 110 (2) 120
(3) 140 (4) 160
(5) None of these

87. $\frac{3}{56} × 1736 + 358 = ?$

(1) 553 (2) 351
(3) 451 (4) 463
(5) None of these

88. $\sqrt[3]{6859} = ?$
(1) 19 (2) 17
(3) 21 (4) 15
(5) None of these

89. 864 ÷ ? ÷ 9 = 3
(1) 39 (2) 21
(3) 36 (4) 27
(5) None of these

90. 12.5 + 6.4 × 3.2 = ?
(1) 48.5 (2) 32.94
(3) 33.08 (4) 46.4
(5) None of these

91. 8963 – 5413 – 2869 = ?
(1) 861 (2) 663
(3) 681 (4) 654
(5) None of these

92. $\frac{745 ÷ 25 × 2.5}{384 ÷ 32 + 0.5} = ?$
(1) 56.9 (2) 5.96
(3) 5.69 (4) 59.6
(5) None of these

93. $\frac{1}{?} × \frac{2}{7} × \frac{4}{5} × 4585 = 65.5$
(1) 8 (2) 24
(3) 4 (4) 16
(5) None of these

94. 180 ÷ 40 × 24 = 3 × ?
(1) 48 (2) 42
(3) 32 (4) 28
(5) None of these

95. (678 – 455 + 132) × 0.4 = ?
(1) 142 (2) 878.5
(3) 887.5 (4) 156
(5) None of these

Directions (96–97) : In the following number series only one number is **wrong**. Find out the **wrong** number.

96. 8 11 17 47 128 371 1100
(1) 11 (2) 47
(3) 17 (4) 371
(5) 128

97. 1 5 13 31 61 125 253
(1) 1 (2) 5
(3) 31 (4) 61
(5) 125

98. A car covers a distance from town A to town B at the speed of 58 kmph and covers the distance from town B to town A at the speed of 52 kmph What is the **approximate** average speed of the car ?

(1) 55 kmph (2) 52 kmph
(3) 48 kmph (4) 50 kmph
(5) 60 kmph

99. Mr. Phanse invests an amount of Rs. 24,200 at the rate of 4 p.c.p.a. for 6 years to obtain a simple interest. Later he invests the principal amount as well as the amount obtained as simple interest for another 4 years at the same rate of interest. What amount of simple interest will he obtain at the end of the last 4 years ?
(1) Rs. 4.800
(2) Rs. 4,850.32
(3) Rs. 4,801.28
(4) Rs. 4,700 (5) None of these

100. In a sale, perfumes are available at a discount of 25% on the selling price. If a perfume costs Rs. 5,895 in the sale, what is the selling price of the perfume ?
(1) Rs. 6,020
(2) Rs. 7,860
(3) Rs. 7,680
(4) Cannot be determined
(5) None of these

101. What **approximate** value should come in place of the question mark (?) in the following question?

$754 + \sqrt{4136} × 24 = ?$
(1) 294 (2) 276
(3) 265 (4) 300
(5) 288

102. The cost of 15 digital cameras and 21 handy cameras is Rs. 3,54,900. What is the cost of 5 digital cameras and 7 handy cameras ?
(1) Rs. 1,25,500
(2) Rs. 1,18,300
(3) Rs. 2,15,100
(4) Cannot be determined
(5) None of these

103. A canteen requires 56 kgs. of rice for seven days. How many kgs. of rice will it require for the months of April and May together ?
(1) 496 (2) 480
(3) 498 (4) 488
(5) None of these

104. What should come in place of the question mark (?) in the following number series ?

56 84 ? 189 283.5 425.25

(1) 168 (2) 132
(3) 136 (4) 126
(5) None of these

105. The total number of students in a school is 31700. If the ratio of boys to the girls in the school is 743 : 842 respectively, what is the total number of girls in the school ?
(1) 14860 (2) 16480
(3) 15340
(4) Cannot be determined
(5) None of these

106. The sum of five consecutive even numbers A, B, C, D and E is 130! What is the product of A and E ?
(1) 720 (2) 616
(3) 660 (4) 672
(5) None of these

107. If the square of a number is subtracted from 4052 and the difference is multiplied by 15, the answer so obtained is 41340. What is the number ?
(1) 36 (2) 1024
(3) 32 (4) 1296
(5) None of these

108. The population of a town 2 years ago was 2,45,000. It increased by 12% in the first year and then increased by 15% in the second year. What is the current population of the town ?
(1) 3,15,560 (2) 2,74,400
(3) 3,51,560 (4) 2,94,400
(5) None of these

109. The perimeter of a square is 504 cms. What is the area of the square ?
(1) 2016 sq.cms.
(2) 15876 sq.cms.
(3) 15376 sq.cms.
(4) 1008 sq.cms.
(5) None of these

110. Mrs. Sheela spends 18% of her monthly income for the children's education. She spends 32% of her monthly income in household expenses and 12% in travelling. She spends .45% of the remaining amount in gambling and manages to save only Rs. 9,405 at the end of the month. What is Mrs. Sheela's monthly income ?
(1) Rs. 36,000
(2) Rs. 50,000
(3) Rs. 45,000
(4) Cannot be determined
(5) None of these

111. Find the average of the following set of scores :
746 34.8 1163 49 214 358 79 163
(1) 384 (2) 396
(3) 382 (4) 390
(5) None of these

112. A alone can complete a piece of work in 6 days and B alone can complete the same piece of work in 12 days. In how many days can A and B together complete the same piece of work ?
(1) 5 days (2) 4 days
(3) 3 days (4) 2 days
(5) None of these

113. A car covers a distance of 136 kms. in 4 hours. What is the speed of the car ?
(1) 34 kmph (2) 40 kmph
(3) 36 kmph (4) 32 kmph
(5) None of these

114. Farida invests an amount of Rs. 3,600 for 3 years at the rate of 6 p.c.p.a. What **approximate** amount of compound interest will she obtain at the end of 3 years?
(1) Rs. 648 (2) Rs. 695
(3) Rs. 676 (4) Rs. 666
(5) Rs. 688

115. If the fractions $\frac{3}{5}, \frac{2}{11}, \frac{4}{7}, \frac{1}{3}, \frac{5}{6}$ and $\frac{3}{8}$ are arranged in the ascending order, which fraction will be at the 3rd place ?
(1) $\frac{1}{3}$ (2) $\frac{3}{5}$
(3) $\frac{2}{11}$ (4) $\frac{3}{8}$
(5) None of these

Directions (116-120): Study the following profile of parliament carefully and answer the questions given below it,

PROFILE OF PARLIAMENT IN YEAR XXXX
Total Members in Parliament = 640 (490 from Lok Sabha and 150 from Rajya Sabha)

Lok Sabha (No. of Members)	Party	Rajya Sabha (No. of Members)
280	A	90
180	B	45
30	Others	15
490	Total	150
	SEX	
435	Males	120
55	Females	30
	RELIGION	
348	Hindus	85
42	Muslims	20
75	Sikhs	35
25	Christians	10
	PROFESSION	
300	Graduates	50
45	Business men	19
60	Educators	11
85	Unknown	70

116. What is the **approximate** percentage of the Muslim members in Lok Sabha ?
(1) 9% (2) 11%
(3) 13% (4) 14%
(5) 7%

117. In Rajya Sabha if 30 male members were replaced by 30 female members, then what is the ratio of male members to female members respectively ?
(1) 3 : 1 (2) 3 : 2
(3) 1 : 3 (4) 2 : 3
(5) 2 : 1

118. What percentage of members in parliament are businessmen ?
(1) 8% (2) 20%
(3) 30% (4) 18%
(5) 10%

110. If all the 'others' party members of Lok Sabha join the party 'B' then what would be the ratio between members of party 'A' to the members of party 'B' respectively.
(1) 3 : 2 (2) 6 : 5
(3) 4 : 3 (4) 7 : 6
(5) 4 : 5

120. Out of total members of party 'B' in parliament, what percentage of the members belong to Rajya Sabha?
(1) 30%   (2) 35%
(3) 25%   (4) 20%
(5) 15%

REASONING ABILITY

121. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?
(1) 35 •   (2) 45
(3) 21   (4) 28
(5) 14

122. What should come next in the following number series?
9 8 7 6 5 4 3 2 1 8 7 6 5 4 3 2 1
7 6 5 4 3 2 1
(1) 8   (2) 5
(3) 6   (4) 2
(5) None of these

123. M is brother of K. P is sister of K. R is father of P. How is K related to R ?
(1) Son
(2) Daughter
(3) Son or Daughter
(4) Data inadequate
(5) None of these

124. How many such pairs of letters are there in the word BONDING each of which has as many letters between them in the word as in the English alphabet ?
(1) None   (2) One
(3) Two   (4) Three
(5) More than three

125. The position of the first and the fifth digit in the number 45321897 are interchanged, Similarly the positions of the second and the sixth digits are interchanged and so on. Which of the following will be the third digit from the right end after the rearrangement ?
(1) 8   (2) 2
(3) 5   (4) 3
(5) None of these

126. How many such digits are there in the number 62591483 each of which is as far away from the beginning of the number as when the digits are arranged in ascending order within the number ?

(1) None   (2) One
(3) Two   (4) Three
(5) More than three

127. Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to that group ?
(1) MP   (2) AD
(3) IL   (4) QT
(5) FJ

128. How many meaningful English words can be made with the letters ASTE using each letter only once in each word ?
(1) None   (2) One
(3) Two   (4) Three
(5) More than three

129. In a certain code language GOAL is written as '5912' and LINE is written as 2387'. How is ALIGN written in that code language ?
(1) 12358   (2) 12538
(3) 12058   (4) 13258
(5) None of these

130. In a certain code language JOURNEY is Written as TNISZFO. How is BONDING written in that code language ?
(1) ANMEHGJ
(2) MNAEHOJ
(3) MNAEJOH
(4) OPCEFMH
(5) None of these

Directions (131 - 135): In each of the questions below are given three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from 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.

Give answer (1) if only Conclusion I follows.

Give answer (2) if only Conclusion II follows.

Give answer (3) if either Conclusion I or II follows.

Give answer (4) if neither Conclusion I nor II follows.

Give answer (5) if both Conclusions I and II follow.

131. Statements:
Some doors are tables.
Some tables are pots.
All pots are dishes.

Conclusions:
I. Some dishes are doors.
II. Some dishes are tables.

132. Statements:
Some plates are houses.
All houses are rooms.
Some rooms are hammers.
Conclusions:
I. Some hammers are plates.
II. Some rooms are plates.

133. Statements:
Some ropes are sticks.
Some sticks are rods.
Some rods are bridges.
Conclusions:
I. Some bridges are sticks.
II. Some rods are ropes.

134. Statements:
All books are pencils.
No pencil is rock.
Some rocks are stones.
Conclusions :
I. Some stones are books.
II. No stone is book.

135. Statements:
All desks are mirrors.
All mirrors are hotels.
All hotels are roads.
Conclusions:
I. Some roads are desks.
II. Some roads are mirrors.

Directions (136 - 140) : Study the following arrangement carefully and answer the questions given below :
R 2 % M 3 E J # P 4 A * 9 6 @ U
T 7 © I 1 Q 5 $ W 8 V N B

136. How many such symbols are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by a consonant ?
(1) None   (2) One
(3) Two   (4) Three
(5) More than three

137. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that does not belong to that group ?
(1) M E %   (2) 4 • P
(3) 7 I T   (4) W V 5
(5) T © U

138. How many such numbers are there in the above arrangement,

each of which is immediately preceded by a consonant and immediately followed by a vowel ?

(1) None   (2) One
(3) Two   (4) Three
(5) More than three

139. If all the numbers in the above arrangement are dropped, which of the following will be the eighth from the left end ?

(1) ★   (2) A
(3) #   (4) ©
(5) None of these

140. What should come in place of question mark (?) in the following series based on the above arrangement ?

M E J   P A ★   6 U T   ?

(1) I Q $ (2) I Q 5
(3) © 1 5   (4) © 1 Q
(5) None of these

Directions (141 – 145) : Study the following information carefully and answer the questions given below :

A, B, C, D, E, F, G and H are sitting around a circle facing at the centre. D is third to the right of A and second to the left of H. B is second the left of C who is not an immediate neighbour of either A or D. E is third to right of G.

141. Who is the immediate right of D ?

(1) E   (2) B
(3) H   (4) F
(5) None of these

142. Who is second to the left of F ?

(1) D   (2) B
(3) G
(4) Data inadequate
(5) None of these

143. In which of the following pairs is the first person sitting to the immediate left of the second person?

(1) BD   (2) HB
(3) EF   (4) FA
(5) None of these

144. Who is fourth to the right of F ?

(1) C   (2) D
(3) B   (4) H
(5) None of these

145. In which of the following is the last person sitting in between the first and the second person ?

(1) EBD   (2) BHC
(3) HCG   (4) FED
(5) None of these

Directions (146 – 148) : Following questions are based on the five three-digit numbers given below ?

518   723   496   375   254

146. If '1' is added to the first digit of each number and '1' is subtracted from the third digit of each number, which of the following will be the new second lowest number ?

(1) 518   (2) 723
(3) 496   (4) 375
(5) 254

147. If the positions of the first and the second digits of each of the above numbers are interchanged, which of the following will be the third digit of the lowest number ?

(1) 8   (2) 3
(3) 6   (4) 5
(5) 4

148. If the positions of the first and the third digits of each of the above numbers are interchanged, which of the following will be the second digit of the highest number ?

(1) 1   (2) 2
(3) 9   (4) 7
(5) 5

Directions (149–150) : Study the following information carefully and answer the questions given below :

(i) 'P × Q' means 'P is brother of Q'.
(ii) 'P – Q' means 'P is sister of Q'.
(iii) 'P ÷ Q' means 'P is father of Q'.
(iv) 'P + Q' means 'P is mother of Q'.

149. Which of the following means 'D is nephew of R' ?

(1) D × M ÷ R
(2) R – M ÷ D
(3) R – M ÷ D × T
(4) R × M + D
(5) None of these

150. Which of the following means 'M is maternal uncle of T' ?

(1) M × R + T
(2) M × R ÷ T
(3) T × J – N ÷ M
(4) M – R + T
(5) None of these

Directions (151 – 155) : In the following questions, the symbols @, ©, ★, % and $ are used with the following meaning as illustrated below :

'P © Q' means 'P is neither greater than nor smaller than Q'.

'P @ Q' means 'P is smaller than Q'.

'P $ Q' means 'P is greater than Q'.

'P ★ Q' means 'P is either smaller than or equal to Q'.

'P % Q' means 'P is either greater than or equal to Q'.

Now in each of the following questions assuming the given statements to be true, find which of the two conclusions I and II given below them is/ are **definitely true** ?

Give answer (1) if only Conclusion I is true.

Give answer (2) if only Conclusion II is true.

Give answer (3) if either Conclusion I or II is true.

Give answer (4) if neither Conclusion I nor II is true.

Give answer (5) if both Conclusions I and II are true.

151. Statements : J $ N, N % F, F ★ D
Conclusions :
I. F @ J
II. D % N

152. Statements : J % N, N © D, D @ K
Conclusions :
I. D © J
II. D @ J

153. Statements : R © M, M @ V, V $ F
Conclusions :
I. F @ M
II. V $ R

154. Statements : N @ K, K ★ F, F $ W
Conclusions :
I. F % N
II. W @ K

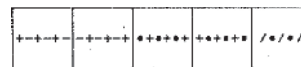**155. Statements :** B ★ K, K $ R, R % E
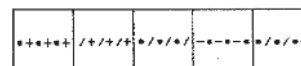**Conclusions :**
I. E @ K
II. E @ B

Directions (156 – 160) : In each of the questions given below which one of the five answer figures should come after the problem figures if the sequence were continued ?
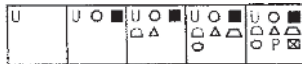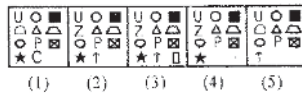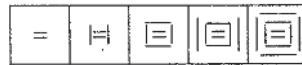
156. Problem Figures

| +-+-+- | -+-+-+ | •+•+•+ | +•+•+• | /•/•/ |

Answer Figures

| •+•+•+ | /+/+/+ | •/•/•/ | -•-•-• | •/•/•- |
| (1) | (2) | (3) | (4) | (5) |

157. Problem Figures

Answer Figures

(1) (2) (3) (4) (5)

58. Problem Figures
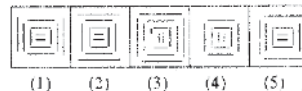

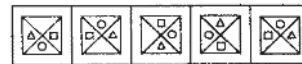**Answer Figures**

(1) (2) (3) (4) (5)

59. Problem Figures

Answer Figures

(1) (2) (3) (4) (5)
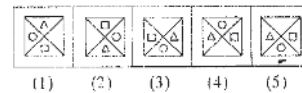
160. Problem Figures

Answer Figures

(1) (2) (3) (4) (5)
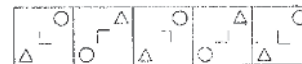
MARKETING APTITUDE/ COMPUTER KNOWLEDGE

161. Which encoding type always has a non-zero average amplitude ?
(1) unipolar
(2) multi-polar
(3) bipolar
(4) All of the above
(5) None of these

162. SONET is an acronym for ____ network
(1) synchronous optical
(2) standard optical
(3) symmetrical open
(4) standard open
(5) None of these

163. In a SONET system,_____ can remove signals from a path.
(1) An STS multiplier
(2) a regenerator
(3) an add/drop multipliers
(4) a repeater
(5) None of these

164. The optical links between any two SONET devices is called____.
(1) a section
(2) a line
(3) a path
(4) a portion
(5) None of these

165. The entension of database file is given by
(1) dbf (2) frm
(3) Ndx (4) scr
(5) Gif

166. IBM stands for
(1) International Business Machine
(2) Interconnected Business Machine
(3) Internal Business machine
(4) Interacting Business Machine
(5) None of these

167. Most computers understand program written in_____ language.
(1) low level
(2) high level
(3) middle level
(4) None of the above
(5) primary level

168. The server on the internet is also known as—
(1) Repeater (2) Host
(3) Gateway (4) AND Gate
(5) None of these

169. A user can get files from another computer on the Internet by using
(1) FTP
(2) HTTP
(3) UTP
(4) Both (1) and (2)
(5) None of these

170. VRML code is based on
(1) BCD
(2) ASCII
(3) Unicode
(4) Both (1) and (2)
(5) None of these

171. High level languages are
(1) operator oriented
(2) operations oriented
(3) precedence oriented
(4) All of the above
(5) None of these

172. For multiple branching in "C" we use_____ statement.
(1) Switch
(2) Go to
(3) Cout
(4) Case
(5) On

173. The key fields which are tested by a packet filtering firewall are
(1) source IP address
(2) TCP/UDP source port
(3) Destination IP address
(4) All of the above
(5) None of these

174. Use net discussion groups have their own system of organization to help you find things just as—
(1) Internet Excel
(2) Archie
(3) Gopher
(4) Both (1) and (2)
(5) None of these

175. Web site is a collection of—
(1) HTML documents
(2) Graphic files
(3) Audio and video files
(4) All of the above
(5) None of these

176. Which of the following protocols is used for WWW ?
(1) ftp
(2) http
(3) W3C
(4) ht/tp www
(5) None of these

177. The 1st network that initiated the Internet was—
(1) ARPANET
(2) NSF net
(3) Vnet
(4) Inet
(5) None of these

178. The server on the Internet is also known as —
(1) Repeater
(2) Host
(3) Gateway
(4) Initiator
(5) None of these

179. In MODEMS
    (1) Several digital signals are multiplied
    (2) A digital signal changes some characteristic of a carrier wave
    (3) Digital signal is amplified
    (4) Both (1) and (2)
    (5) None of these

180. In reality, IP recognizes only
    (1) a postal mail address
    (2) a location of host
    (3) Hub
    (4) Both (1) and (2)
    (5) None of these

181. 'Dichotomous questions' in market research means
    (1) detailed answers
    (2) only yes-no
    (3) only two responses
    (4) Both (1) and (2)
    (5) None of these

182. The 7 O's framework is very useful in the study of
    (1) Price bahaviour
    (2) Sales management
    (3) Consumer bahaviour
    (4) Demand pattern
    (5) None of these

183. In response hierarchy model, cognitive stage deals with
    (1) developing an interest
    (2) creation of knowledge
    (3) Both (1) and (2)
    (4) Neither (1) nor (2)
    (5) None of these

184. In India, most advertisements are categorised by many as
    (1) deceptive
    (2) entertaining
    (3) good source of information
    (4) Both (1) and (2)
    (5) None of these

185. In marketing 'zero level' channel implies
    (1) Manufacturer selling to the retailer
    (2) Manufacturer selling to the direct consumer
    (3) Retailer selling to the consumer
    (4) Retailer selling through the salesman
    (5) None of these

186. Which among the following is a non-durable goods ?

(1) Soap
(2) Maturity
(3) Colour T.V.
(4) Clothes
(5) None of these

187. According to the product life cycle theory, the profits are on peak in the
    (1) Introductory state
    (2) Maturity
    (3) Growth
    (4) Decline
    (5) None of these

188. Which among the following is/are advantages of packaging ?
    (1) It helps increase sales
    (2) It adds to the use of a product
    (3) It helps in storage
    (4) All of the above
    (5) None of these

189. Administered prices are prices fixed by the government normally on the basis of —
    (1) Cost
    (2) Margin of profit
    (3) Cost plus a stipulated margin *r* of profit
    (4) Market forces
    (5) None of these

190. The people and organisations who assist the flow of products and information to marketing channels are called —
    (1) Merchants
    (2) Dealers
    (3) Both (1) and (2)
    (4) Facilitating agents
    (5) None of these

191. Which among the following is not an example of Direct Marketing ?
    (1) Tele-marketing
    (2) Sales on Internet
    (3) Mail order sales
    (4) Retail stores
    (5) None of these

192. In India advertising for_____is not allowed on T.V.
    (1) liquor
    (2) cigarette
    (3) Both (1) and (2)
    (4) Neither (1) nor (2)
    (5) None of these

193. Which among the following advertising media has the maximum reach ?

(1) T.V.
(2) Radio
(3) Outdoor
(4) Magazines'
(5) None of these

194. Which among the following is not a medium for advertisements ?
    (1) T.V.
    (2) Hoarding
    (3) Direct Mail
    (4) Pamphlets
    (5) None of these

195. Price pack deals are also called—
    (1) value packs
    (2) price tags
    (3) price offer
    (4) price contral
    (5) None of these

196. In a 'Soft sell' strategy, which is not true ?
    (1) Concern for self
    (2) Concern for customer
    (3) Listening
    (4) Presenting benefits
    (5) None of these

197. An intelligent salesman views objections —
    (1) positively
    (2) negatively
    (3) frustrated
    (4) All of the above
    (5) None of these

198. In 1991, the Government of India adopted the policy of—
    (1) Liberalisation
    (2) Privatisation
    (3) Globalisation
    (4) All of the above
    (5) None of these

199. In E-commerce C2C means
    (1) Consumer-to-Cash
    (2) Consumer-to-Consumer
    (3) Consumer-to-Business
    (4) All of the above
    (5) None of these

200. Which of the following is not a 'Post testing' Technique of advertisement ?
    (1) Sales test
    (2) Focus group
    (3) Enquiry test
    (4) Attitude test
    (5) None of these

ANSWERS

1. (3)	2. (2)	3. (3)	4. (1)
5. (1)	6. (3)	7. (5)	8. (4)
9. (3)	10. (1)	11. (4)	12. (2)
13. (4)	14. (2)	15. (3)	16. (1)
17. (4)	18. (4)	19. (4)	20. (2)
21. (5)	22. (3)	23. (3)	24. (2)
25. (1)	26. (4)	27. (3)	28. (3)
29. (5)	30. (3)	31. (3)	32. (3)
33. (3)	34. (5)	35. (3)	36. (4)
37. (1)	38. (3)	39. (4)	40. (4)
41. (3)	42. (1)	43. (3)	44. (4)
45. (4)	46. (2)	47. (5)	48. (5)
49. (1)	50. (2)	51. (5)	52. (4)
53. (2)	54. (3)	55. (1)	56. (3)
57. (3)	58. (4)	59. (5)	60. (2)
61. (4)	62. (5)	63. (4)	64. (1)
65. (3)	66. (1)	67. (3)	68. (4)
69. (1)	70. (2)	71. (1)	72. (3)
73. (5)	74. (2)	75. (1)	76. (4)
77. (3)	78. (2)	79. (4)	80. (5)
81. (1)	82. (5)	83. (2)	84. (4)
85. (3)	86. (2)	87. (3)	88. (1)
89. (5)	90. (5)	91. (3)	92. (2)
93. (4)	94. (5)	95. (1)	96. (3)
97. (3)	98. (1)	99. (3)	100. (2)
101. (5)	102. (2)	103. (4)	104. (4)
105. (5)	106. (3)	107. (1)	108. (1)
109. (2)	110. (3)	111. (4)	112. (2)
113. (1)	114. (5)	115. (4)	116. (1)
117. (2)	118. (5)	119. (3)	120. (4)
121. (2)	122. (3)	123. (3)	124. (4)
125. (3)	126. (3)	127. (5)	128. (3)
129. (1)	130. (2)	131. (2)	132. (2)
133. (4)	134. (3)	135. (5)	136. (3)
137. (4)	138. (3)	139. (2)	140. (4)
141. (2)	142. (3)	143. (5)	144. (4)
145. (1)	146. (4)	147. (1)	148. (1)
149. (3)	150. (1)	151. (1)	152. (3)
153. (2)	154. (4)	155. (1)	156. (3)
157. (1)	158. (1)	159. (5)	160. (2)
161. (3)	162. (1)	163. (3)	164. (1)
165. (1)	166. (1)	167. (2)	168. (2)
169. (1)	170. (3)	171. (3)	172. (1)
173. (4)	174. (1)	175. (4)	176. (2)
177. (1)	178. (3)	179. (3)	180. (3)
181. (3)	182. (3)	183. (2)	184. (1)
185. (2)	186. (1)	187. (3)	188. (4)
189. (3)	190. (4)	191. (4)	192. (3)
193. (2)	194. (4)	195. (1)	196. (1)
197. (1)	198. (4)	199. (2)	200. (4)

☰ EXPLANATIONS

1. (3) Come out and play
2. (2) Rahul Dravid In 2004
3. (3) August 2007
4. (1) July 23, 1996
5. (1) allowed to carry their transactions in Government securities only in their physical forms.
6. (3) Life Insurance Corportation of India
7. (5) All the three
8. (4) Jawaharlal Nehru Port, Mumbai
9. (3) Patrick Steptoe
10. (1) Indonesian
11. (4) Kyrgyzstan
12. (2) 2012-2017
13. (4) Elected Members of both the Houses and State Legislatures
14. (2) Fran Halsall
15. (3) Magnetic resonance
16. (1) Only A
17. (4) Only C
18. (4) All of the above
19. (4) Temperature
20. (2) Poultry
21. (5) 3hooting
22. (3) Hanoi
23. (3) Nelson Mandela
24. (2) Third
25. (1) Bt Cotton
26. (4) Indra
27. (4) Mozambique
28. (3) Education to all children between 6-14 years of age
29. (5) New Delhi
30. (3) 8%
31. (3) Videsh Sanchar Nigam Ltd.
32. (3) Orange
33. (3) 9.6
34. (5) Arunachal Pradesh
35. (3) Milk
36. (4) Trade Related Intellectual Property Rights
37. (1) Child marriages
38. (3) De Beers
39. (4) All of the above
40. (4) Mani Shankar Aiyar
41. (3) Mayadas had promised to serve in gold dishes which the guests were allowed to take home with them
42. (1) It was Raidas' brother Kuber's plan to teach the rich businessman a lesson
43. (3) They did not serve him any food until he learnt a lesson on what he had done with Raidas
44. (4) All of these
45. (4) They would hope lor some generosity from the businessman since he was rich
46. (2) He made promises to them but never kept his words
47. (5) None of these
48. (5) Never go back on your promises
49. (1) Raidas had recited poems to him but had not asked for any gifts in return
50. (2) Clever
51. (5) The meaning of the word **Narrate (Verb)** as used in the passage is : to tell a story; to describe the events; relate.
    Look at the sentence :
    He entertained them by narrating his adventures in Australia.
    Hence, the words **narrating** and **describing** are synonymous.
52. (4) The meaning of the word **Means (Noun)** as used in the passage is ; way; an action, an object or a system by which a result is achieved; a way of achieving or doing something.
    Look at the sentence :
    Television is an effective means of communication.
    Hence, the words **means** and **way** are synonymous.
53. (2) The meaning of the word **Intend (Verb)** as used in the passage is : to have a plan in mind; want.
    Look at the sentence :
    I don't intend staying long.
    Hence, the words **intended** and **wanted** are synonymous.
54. (3) The meaning of the word **Trustworthy (Adjective)** as used in the passage is : that you can rely on to be good, honest, sincere etc; reliable.
    Hence, the words **trustworthy** and **unreliable** are antonymous.
55. (1) The meaning of the word **Pleased (Adjective)** as used in the passage is : feeling happy about something.
    Look at the sentence :
    The boss should be pleased with you.

Of the given alternatives, the word **Disappointed (Adjective)** means ; upset because something you hoped for has not happened; sad; unpleased.

Look at the sentence :

They were bitterly disappointed at the result of the game.

Hence, the words **pleased** and **diasappointed** are antonymous.

56. (3) When 'the' or Possessive Adjective (your, our or their) comes before 'number', the Verb is always Singular because in that case 'number' does not express an indefinite number.

Look at the sentence :

The number of potential poets born varies from age to age.

Hence, 'is less because of should be used.

57. (3) Here, particular building caught fire. Hence, definite article 'the' should be used.

Hence, replace 'residents of building' by 'residents of the building'.

58. (4) The subject of the sentence is in Third Person and Singular Number that will take Singular Verb. Hence, she keeps getting migraines......will be correct usage, r

59. (5) No error

60. (2) The sentence shows past time. Hence, repalce 'It become almost impossible' by 'it became almost impossible' (Simple Past).

61. (4) E   **62.** (5) F

63. (4) D   **64.** (1) B

65. (3) C

66. (1) The correct spelling is : adhere.

67. (3) The appropriate word should be : accessible.

68. (4) The correct spelling is : crisis.

69. (1) The correct spelling is : amateur.

70. (2) The appropriate word should be : amaze.

71. (1) impressed   **72.** (3) reward

73. (5) disappointed

74. (2) notice   **75.** (1) thought

76. (4) break   **77.** (3) realized

78. (2) ashamed

79. (4) awaited

80. (5) managed

81. (1) ? = 75638 − 36211 + 12673
= 88311 − 36211 = 52100

82. (5) $\frac{8474}{200} + ? = 90.37$

$\Rightarrow 42.37 + ? = 90.37$

$\Rightarrow ? = 90.37 - 42.37 = 48$

83. (2) $? = \frac{4.5 \times 4.5}{2.5 \times 2.5} \times 5 = 16.2$

84. (4) $780 \div \sqrt{676} + ?^2 = 1326$

$\Rightarrow \frac{780}{26} + ?^2 = 1326$

$\Rightarrow 30 + ?^2 = 1326$

$\Rightarrow ?^2 = 1326 - 30 = 1296$

$\therefore ? = \sqrt{1296} = 36$

85. (3) ? = 78 + 652 + 6 + 41 + 119
= 896

86. (2) $\frac{250 \times 1400}{100} - \frac{? \times 1600}{100} = 1580$

$\Rightarrow 3500 - ? \times 16 = 1580$

$\Rightarrow ? \times 16 = 3500 - 1580 = 1920$

$\Rightarrow ? = \frac{1920}{16} = 120$

87. (3) $? = \frac{3}{56} \times 1736 + 358$

$= 93 + 358 = 451$

88. (1) $? = \sqrt[3]{6859}$

$= \sqrt[3]{19 \times 19 \times 19} = 19$

89. (5) $\frac{864}{9 \times ?} = 3 \Rightarrow ? = \frac{864}{9 \times 3} = 32$

90. (5) ? = 12.5 + 6.4 × 3.2
= 12.5 + 20.48 = 32.98

91. (3) ? = 8963 − 5413 − 2869
= 681

92. (2) $? = \frac{\frac{745}{25} \times 2.5}{\frac{384}{32} + 0.5} = \frac{74.5}{12.5} = 5.96$

93. (4) $? = \frac{2 \times 4 \times 4585}{7 \times 5 \times 65.5} = 16$

94. (5) $3 \times ? = \frac{180}{40} \times 24 = 108$

$\Rightarrow ? = \frac{108}{3} = 36$

95. (1) ? = (678 − 455 + 132) × 0.4
= 355 × 0.4 = 142

96. (3) The pattern of the number series is :

$8 + 3 = 11$

$11 + 3^2 = 11 + 9 = 20 \neq$ 17

$20 + 3^3 = 20 + 27 = 47$

$47 + 3^4 = 47 + 81 = 128$

$128 + 3^5 = 128 + 243 = 371$

97. (3) The pattern of the number series is :

$1 + 2^2 = 1 + 4 = 5$

$5 + 2^3 = 5 + 8 = 13$

$13 + 2^4 = 13 + 16 = 29 \neq \boxed{31}$

$29 + 2^5 = 29 + 32 = 61$

$61 + 2^6 = 61 + 64 = 125$

98. (1) If two equal distances are covered at two different speeds of x kmph and y kmph, then

Average speed $= \left(\frac{2xy}{x+y}\right)$ kmph

$= \left(\frac{2 \times 58 \times 52}{58 + 52}\right)$ kmph

$= \left(\frac{6032}{110}\right)$ kmph = 55 kmph

99. (3) **Case I**

S.I. $= \frac{P \times R \times T}{100} = $ Rs. $\left(\frac{24200 \times 4 \times 6}{100}\right)$

= Rs. 5808

$\therefore$ Amount = Principal + SI

= Rs. (24200 + 5808) = Rs 30008

Case II

SI = Rs. $\left(\frac{30008 \times 4 \times 4}{100}\right)$

= Rs. 4801.28

100. (2) Let the S.P. of perfume be Rs. x.

Discount = 25%

$\therefore$ 75% of x = Rs. 5895

$\Rightarrow x \times \frac{75}{100} = $ Rs. 5895

$\Rightarrow x = $ Rs. $\left(\frac{5895 \times 100}{75}\right)$

= Rs. 7860

101. (5) $? = 754 \div \sqrt{4136} \times 24$

$= \frac{754}{64.3} \times 24 = 288$

102. (2) Let the CP of 1 digital camera be Rs. x and that of 1 handy camera be Rs. u.

According to the question,
$15x + 21y = Rs. 354900$
On dividing both sides by 3, we have

$5x + 7y = Rs. \left(\dfrac{354900}{3}\right)$

$= Rs. 118300$

103. (4) Number of days in April and May $= 30 + 31 = 61$

$\because$ Requirement of rice for 7 days $= 56$ kgs.

$\therefore$ Requirement of rice for 61 days

$= \left(\dfrac{56}{7} \times 61\right)$ kgs. $= 488$ kgs.

104. (4) The pattern of the number series is :

$56 \times 1.5 = 84$

$84 \times 1.5 = \boxed{126}$

$126 \times 1.5 = 189$

$189 \times 1.5 = 283.5$

105. (5) Boys : Girls $= 743 : 842$

Total number of students $= 31700$

$\therefore$ Number of girls

$= \dfrac{842}{(743 + 842)} \times 31700$

$= \dfrac{842}{1585} \times 31700 = 16840$

106. (3) Let $A = x$, $B = x + 2$, $C = x + 4$, $D = x + 6$ and $E = x + 8$.

$\therefore x + x + 2 + x + 4 + x + 6 + x + 8 = 130$

$\Rightarrow 5x + 20 = 130$

$\Rightarrow 5x = 130 - 20 = 110$

$\Rightarrow x = \dfrac{110}{5} = 22$

$\therefore A = 22$ and
$E = x + 8 = 22 + 8 = 30$

$\therefore A \times E = 22 \times 30 = 660$

107. (1) Let the number be x.

According to the question,
$(4052 - x^2) \times 15 = 41340$

$\Rightarrow 4052 - x^2 = \dfrac{41340}{15} = 2756$

$\Rightarrow x^2 = 4052 - 2756 = 1296$

$\therefore x = \sqrt{1296} = 36$

108. (1) Required population

$= P\left(1 + \dfrac{R_1}{100}\right)\left(1 + \dfrac{R_2}{100}\right)$

$= 245000 \left(1 + \dfrac{12}{100}\right)\left(1 + \dfrac{15}{100}\right)$

$= 245000 \left(1 + \dfrac{3}{25}\right)\left(1 + \dfrac{3}{20}\right)$

$= 245000 \times \dfrac{28}{25} \times \dfrac{23}{20}$

$= 315560$

109. (2) Let the side of the square be x cm.

$\therefore 4x = 504 \Rightarrow x = \dfrac{504}{4} = 126$ cm

$\therefore$ Area of the square $= x^2$
$= 126 \times 126 = 15876$ cm²

110. (3) Let Mrs. Sheela's monthly income be Rs. x.

Here expenditure on education, household articles and travelling $= (18 + 32 + 12)\%$ of x

$= \dfrac{62x}{100} = \dfrac{31x}{50}$

Remaining amount

$= Rs. \left(x - \dfrac{31x}{50}\right)$

$= Rs. \left(\dfrac{50x - 31x}{50}\right) = Rs. \dfrac{19x}{50}$

Now, she spends 45% of remaining amount in gambling and saves Rs. 9405.

$\therefore$ 55% of $\dfrac{19x}{50} = 9405$

$\Rightarrow \dfrac{55 \times 19x}{100 \times 50} = 9405$

$\Rightarrow x = \dfrac{9405 \times 50 \times 100}{55 \times 19}$

$= Rs. 45000$

111. (4) Required average

$= \dfrac{746 + 348 + 1163 + 49 + 214 + 358 + 79 + 163}{8}$

$= \dfrac{3120}{8} = 390$

112. (2) A's 1 day's work $= \dfrac{1}{6}$

B's 1 day's work $= \dfrac{1}{12}$

$\therefore$ (A+B)'s 1 day's work $= \dfrac{1}{6} + \dfrac{1}{12}$

$= \dfrac{2 + 1}{12} = \dfrac{3}{12} = \dfrac{1}{4}$

$\therefore$ A and B together will complete the work in 4 days.

113. (1) Speed of the car

$= \dfrac{\text{Distance covered}}{\text{Time taken}}$

$= \left(\dfrac{136}{4}\right)$ kmph $= 34$ kmph

114. (5) $A = P\left(1 + \dfrac{R}{100}\right)^T$

$= 3600\left(1 + \dfrac{6}{100}\right)^3 = 3600$

$\left(1 + \dfrac{3}{50}\right)^3$

$= \dfrac{3600 \times 53 \times 53 \times 53}{50 \times 50 \times 50}$

$= Rs. 4287.7$

$\therefore$ CI $=$ Amount $-$ Principal
$= Rs. (4287.7 - 3600)$
$= Rs. 687.7 \approx Rs. 688$

115. (4) Decimal equivalent of each fraction :

$\dfrac{3}{5} = 0.6;$ $\dfrac{2}{11} = 0.18;$

$\dfrac{4}{7} = 0.57;$ $\dfrac{1}{3} = 0.33$

$\dfrac{5}{6} = 0.83;$ $\dfrac{3}{8} = 0.375$

Clearly, $\dfrac{2}{11} < \dfrac{1}{3} < \dfrac{3}{8} < \dfrac{4}{7} < \dfrac{3}{5} < \dfrac{5}{6}$

$\therefore$ Third fraction $= \dfrac{3}{8}$

116. (1) Required percentage

$= \dfrac{42}{490} \times 100 \approx 9\%$

117. (2) Required ratio
$= (120 - 30) : (30 + 30)$
$= 90 : 60 = 3 : 2$

118. (5) Number of businessmen
= 45 + 19 = 64
∴ Required percentage

$= \dfrac{64}{640} \times 100 = 10\%$

119. (3) Required ratio = 280 : (180 + 30)
= 280 : 210 = 4 : 3

120. (4) Required percentage

$= \dfrac{45}{(180 + 45)} \times 100$

$= \dfrac{45}{225} \times 100 = 20\%$

121. (2) Except 45, all other numbers are multiples of 7.

122. (3) 9 8 7 6 5 4 3 2 1
　　87 6 5 4 3 2 1
　　　7 6 5 4 3 2 1

　　　　⌷6⌷ ....

123. (3) R is father of K, M and P. The sex of K is not given. Therefore, K is either son or daughter of R.

124. (4) 2　15　14　4　9　14　7
　　　　B　O　N　D　I　N　G

125. (3) According to question
1　8　9　7　4　⌷5⌷　3　2
　　　　　　　　3rd from right

126. (3) 6　⌷2⌷　5　9　1　4　⌷8⌷　3
　　1　⌷2⌷　3　4　5　6　⌷8⌷　9

127. (5)
M $\xrightarrow{+3}$ P : A $\xrightarrow{+3}$ D : I $\xrightarrow{+3}$ L

Q $\xrightarrow{+3}$ T : F $\xrightarrow{+4}$ J

128. (3) Meaningful Words,
⇒ SEAT, EAST

129. (1) G　O　A　L　　L　I　N　E
　　↓　↓　↓　↓　　↓　↓　↓　↓
　　5　9　1　2　　2　3　8　7

Therefore,
A　L　I　G　N
↓　↓　↓　↓　↓
1　2　3　5　8

130. (2) J　O　U　R　N　E　Y
　　　-1　　　+1　　+1

T　N　I　S　Z　F　O

Therefore,
B　O　N　D　I　N　G
　-1　　　+1　　+1

M　N　A　E　H　O　J

(131–135):
(i) All pots are dishes → Universal Affirmative (A-type).
(ii) Some doors are tables → Particular Affirmative (I-type).
(iii) No pencil is rock → Universal Negative (E-type).
(iv) Some pencils are not rocks – Particular Negative (O-type).

131. (2) Some tables are pots.

All pots are dishes.

I + A ⇒ I-type of Conclusion "Some tables are dishes." Conclusion II is Converse of it.

132. (2) Some plates are houses.

All houses are rooms.

I + A ⇒ I-type of Conclusion "Some plates are rooms." Conclusion II is Converse of it.

133. (4) All the three Premises are Particular Affirmative (I-type). No Conclusion follows from the two Particular Premises.

134. (3) All books are pencils.

No pencil is rock.

A + E ⇒ E-type of Conclusion "No book is rock."

No pencil is rock.

Some rocks are stones.

E + I ⇒ O₁-type of Conclusion "Some stones are pencils."
Conclusions I and II form Complementary Pair. Therefore, either Conclusion I or II follows.

135. (5) All desks are mirrors.

All mirrors are hotels.

All hotels are roads.

A + A + A ⇒ A-type of Conclusion "All desks are roads.". Conclusion I is Converse of it.

All mirrors are hotels.

All hotels are roads.

A + A ⇒ A-type of Conclusion "All mirrors are roads." Conclusion II is Converse of it

136. (3)

Number	Symbol	Consonant

Such combinations are :

⌷2%M⌷ , ⌷5$W⌷

137. (4) M $\xrightarrow{+2}$ E $\xrightarrow{-3}$ %
4 $\xrightarrow{+2}$ ★ $\xrightarrow{-3}$ P
7 $\xrightarrow{+2}$ I $\xrightarrow{-3}$ T
W $\xrightarrow{+2}$ V $\xrightarrow{-4}$ 5
T $\xrightarrow{+2}$ © $\xrightarrow{-3}$ U

138. (3)

Consonant	Number	Vowel

Such combinations are :

⌷M3E⌷ : ⌷P4A⌷

139. (2) According to question, the new sequence would be :
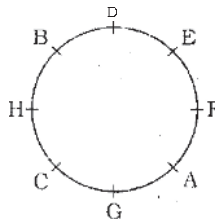
R % M E J # P ⌷A⌷ ★ @ U T ...
　　　　　　　　8th from the left end

140. (4) M $\xrightarrow{+5}$ P $\xrightarrow{+5}$ 6 $\xrightarrow{+5}$
E $\xrightarrow{+5}$ A $\xrightarrow{+5}$ U $\xrightarrow{+5}$
J $\xrightarrow{+5}$ ★ $\xrightarrow{+5}$ T $\xrightarrow{+5}$

(141 - 145): Sitting Arrangement

141. (2) B is to the immediate right of D.
142. (3) G is second to the left of F.
143. (5) In no pair the first person is sitting to the immediate left of the second person.
144. (4) H is fourth to the right of F.
145. (1) D is sitting between E and B.
146. (4) 518 ⇒ 617; 723 → 822;
    496 ⇒ 595
    375 ⇒ 474; 254 ⇒ 353
    Second Lowest number
    ⇒ 474 ⇒ 375
147. (1) 518 ⇒ 158; 723 ⇒ 273;
    496 ⇒ 946
    375 ⇒ 735; 254 ⇒ 524
    Lowest number ⇒ 158 ⇒ 51|8
148. (1) 518 ⇒ 815; 723 ⇒ 327;
    496 ⇒ 694
    375 ⇒ 573; 254 ⇒ 452
    Highest number ⇒ 815 ⇒ 51|8|
149. (3) D × M ⇒ D is brother of M.
    M ÷ R ⇒ M is father of R.
    Therefore, D is uncle of R.
    R – M ⇒ R is sister of M.
    M ÷ D ⇒ M is father of D.
    Therefore D is either nephew or niece of R.
    R – M ⇒ R is sister of M.
    M ÷ D ⇒ M is father of D.
    D × T ⇒ D is brother of T.
    Therefore, D is nephew of R.
150. (1) M × R ⇒ M is brother of R.
    R + T ⇒ R is mother of T.
    Therefore, M is maternal uncle of T.

[151 – 155]:

© ⇒ =	@ ⇒ <	$ ⇒ >
★ ⇒ ≤	% ⇒ ≥	⊠
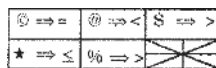
151. (1) J $ N ⇒ J > N
    N % F ⇒ N ≥ F
    F ★ D ⇒ F ≤ D
    Therefore, J > N ≥ F ≤ D
    Conclusions
    I. F @ J ⇒ F < J : True
    II. D % N ⇒ D ≥ N : Not True
152. (3) J % N ⇒ J ≥ N
    N © D ⇒ N = D
    D @ K ⇒ D < K
    Therefore, J ≥ N = D < K
    Conclusions
    I. D © J ⇒ D = J : Not True
    II. D @ J ⇒ D < J : Not True
    Either I or II is true.
153. (2) R © M ⇒ R = M
    M @ V ⇒ M < V
    V S F ⇒ V > F
    Therefore, R = M < V > F
    Conclusions
    I. F @ M ⇒ F < M : Not True
    II. V $ R ⇒ V > R : True
154. (4) N @ K ⇒ N < K
    K ★ F ⇒ K ≤ F
    F S W ⇒ F > W
    Therefore, N < K ≤ F > W
    Conclusions
    I. F % N ⇒ F ≥ N : Not True
    II. W @ K ⇒ W < K : Not True
155. (1) B ★ K ⇒ B ≤ K
    K $ R ⇒ K > R
    R % E ⇒ R ≥ E
    Therefore, B ≤ K > R ≥ E
    Conclusions
    I. E @ K ⇒ E < K : True
    II. E @ B ⇒ E < B : Not True
156. (3) From Problem Figure (1) to (2) two adjacent designs interchange positions. Similar changes occur from Problem Figure (3) to (4) and from Problem Figure (5) to Answer Figure.
157. (1) In each subsequent figure two new designs are added in a set order.
158. (1) In each subsequent figure two line segments are added in a set order.
159. (5) From Problem Figure (1) to (2) all the three designs move to the opposite side. Similar changes occur from Problem Figure (3) to (4) and from Problem Figure (5) to Answer Figure.
160. (2) In each subsequent figure the circle and the triangle interchange positions and the L-shaped design rotates through 90° clockwise.
161. (3) bipolar

162. (1) synchronous optical
163. (3) an add/drop multipliers
164. (1) a section
165. (1) dbf
166. (1) International Business Machine'
167. (2) high level **168.** (2) Host
169. (1) FTP **170.** (3) Unicode
171. (3) precedence oriented
172. (1) Switch
173. (4) All of the above
174. (1) Internet Excel
175. (4) All of the above
176. (2) http - **177.** (1) ARPANET
178. (3) Gateway
179. (2) A digital signal changes some characteristic of a carrier wave
180. (3) Hub
181. (3) only two responses
182. (3) Consumer bahaviour
183. (2) creation of knowledge
184. (1) deceptive
185. (2) Manufacturer selling to the direct consumer
186. (1) Soap
187. (3) Growth
188. (4) All of the above
189. (3) Cost plus a stipulated margin of profit
190. (4) Facilitating agents
191. (4) Retail stores
192. (3) Both(1) and (2)
193. (2) Radio
194. (4) Pamphlets
195. (1) value packs
196. (1) Concern for self
197. (1) positively
198. (4) All of the above
199. (2) Consumer-to-Consumer
200. (4) Attitude test