

Estd. : 1989 Ph.: 08514 - 246044 (O), 248424 (R), Cell : 98495 46044

**Sri Sai Guru Raghavendra**  
**Banking Coaching Centre**  
 Lalitha Nagar N.G.O. Colony NANDYAL - 518 502 Kurnool Dist. A.P.

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**GENERAL AWARENESS**

- India and \_\_\_\_\_, in November 2008, reiterated their commitment to expand cooperation with the new govt. of President Mohammed Nasheed  
 (1) Mauritius (2) Somalia (3) Maldives (4) Bangladesh (5) None of these
- Regarding controversy over the construction of the Commonwealth Games Village along the Yamuna riverbed in East Delhi, the Delhi High Court, on November 3, 2008, constituted an expert committee under the chairmanship \_\_\_\_\_ of to go into the whole gamut of issues before it.  
 (1) Suresh Solanki (2) R.K. Pachauri (3) Mangat Ram Sharma (4) Mohammad Faisal (5) None of these
- On which of the following dates did Chandrayaan-1 become the first India-built spacecraft to leave the earth's gravity?  
 (1) November 4, 2008 (2) November 9, 2008 (3) November 1, 2008  
 (4) November 17, 2008 (5) None of these
- To protect and fight for the Fundamental Rights of minorities, a new political party, "Indian Minority Front", was launched in \_\_\_\_\_ in November 2008.  
 (1) Rajkot (2) Mumbai (3) Patna (4) New Delhi (5) None of these
- On which of the following dates did Dalit rights group in Rajasthan set up The Dalit Election Watch-Rajasthan?  
 (1) November 4, 2008 (2) November 19, 2008 (3) November 11, 2008  
 (4) November 7, 2008 (5) None of these
- Prime Minister Manmohan Singh in November 2008, constituted an apex group under his chairmanship and P.Chidambaram, Kamal Nath, Montek Singh Ahluwalia and RBI Governor \_\_\_\_\_ as members to monitor and coordinate the government's response to India Inc.'s concerns so as to minimise its adverse economic impact on India.  
 (1) Ramesh Munjal (2) Y. V. Reddy (3) D. Subbarao (4) A.R. Mohanty (5) None of these
- India, on November 5, 2008 pledged to contribute \_\_\_\_\_ tonnes of foodgrains to set up a Food Bank to meet the emergency food demands of the South Asian Association for Regional Cooperation (SAARC) countries.  
 (1) 111,3000 (2) 153,200 (3) 124,000 (4) 167,890 (5) None of these
- Rupiah Banda was, on November 2, 2008, sworn in as Zambia's \_\_\_\_\_ President.  
 (1) Fourth (2) Fifth (3) Seventh (4) Ninth (5) None of these
- Barack Obama won the United States Presidency in November 2008 defeating  
 (1) Hillary Clinton (2) John McCain (3) Sarah Palin (4) Joseph Biden (5) None of these
- Hohn Key's centre-right National Party, on November 8, 2008 swept to power on a theme of change in New Zealand's elections, ending the nine-year reign of Helen Clark's \_\_\_\_\_  
 (1) Democratic Party (2) Solidarity Party (3) Labour Party (4) Union For Change Party (5) None of these
- Who has won the Best of Booker Award for his book?  
 (1) Peter Carey (2) Tesleema Nasreen (3) Salman Rushdie (4) Pat Barker (5) None of these
- Which of the following person has won the Dada Sahab Phalke Award 2006?  
 (1) Dilip Kumar (2) Anand Raj Anand (3) Asha Bhosle (4) Tapan Sinha (5) None of these
- Which of the following Indian won the America's prestigious "Leob Award" in the field of Business news?  
 (1) Sanjay Jha (2) Chitra Barua (3) Rupshree Nanda (4) Barkha Dutta (5) None of these
- Which of the following countries scientist found out the new technique to fight against Malaria?  
 (1) Britain (2) China (3) Australia (4) America (5) None of these
- Which India based UN's programme won the prestigious UN-21 award for efficiency and effectiveness?  
 (1) Sanitation Programme (2) Solar Programme (3) Education Programme (4) AIDS Awareness (5) None of these
- Which company topped as Service and Software exporter for Financial Year 2008, according to Nasscom?  
 (1) Wipro (2) Infosys (3) TCS (4) Satyam (5) None of these
- According to International Investment Banker Barclays capital, inflation rate is expected to touch what percentage upto September 2008?  
 (1) 15% (2) 16% (3) 20% (4) 17% (5) None of these
- According to Forbes list of "Billionaires Wives", what is the rank of Usha Mittal and Tina Ambani respectively  
 (1) Fourth, Sixth (2) Fifth, Eight (3) Sixth, Fourth (4) Eight, Fifth (5) None of these

19. At which country has Bank of Baroda decided to open its full fledged branch in August ?  
 (1) France (2) Australia (3) China (4) Japan (5) None of these
20. According to Nasscom annual survey, India IT sector managed how much percentage growth in 2007-08 ?  
 (1) 25% (2) 28% (3) 32% (4) 35% (5) None of these
21. With which bank has HCL signed a MoU ?  
 (1) BoI (2) Union Bank of India (3) United Bank of India (4) PNB (5) None of these
22. At which place was World Petroleum Congress held ?  
 (1) Berlin (2) Mexico (3) Paris (4) Madrid (5) None of these
23. Who has been appointed as the President of the Fashion Design Council of India (FDCI) ?  
 (1) Sunil Sethi (2) J.S. Arora (3) S.K. Singha (4) S.M. Krishna (5) None of these
24. Who has been adjudged the Best One Day Batsman of Year at the Castrol Awards ?  
 (1) Sachin Tendulkar (2) M.S. Dhoni (3) Virendra Sehwag (4) Yuvraj Singh (5) None of these
25. Which Indian company has signed a MoU with Chhattisgarh Govt. and Chhattisgarh Renewable Energy Development Agency (CREDA) ?  
 (1) HCL (2) HPCL (3) ONGC (4) NTPC (5) None of these
26. Which of the following airports has topped the annual survey of Skytrack ?  
 (1) France International Airport (2) Jawaharlal Nehru International Airport  
 (3) Hongkong International Airport (4) America International Airport (5) None of these
27. Which bank has agreed to acquire Alliance & Leicester (A&L) for 1.26 billion pounds (\$2.6bn.) ?  
 (1) Banco Santander (2) HSBC (3) HDFC (4) Citi Bank (5) None of these
28. Who has been appointed as the Petroleum Secretary ?  
 (1) Chetan Bhagat (2) R.S. Pandey (3) K.C. Pandey (4) Raghunath Sen (5) None of these
29. Which Pakistani cricketer has been banned by the Pakistan Cricket Board ?  
 (1) Shoaib Akhtar (2) Umar Gul (3) Mohammad Asif (4) Kamran Akmal (5) None of these
30. Which of the following companies got the ISO 991 : 2000 certificate ?  
 (1) Wipro (2) Export Inspection Council (3) Reliance Energy (4) Tata Communication (5) None of these
31. Which of the following statements is/are true ?  
 A. At present, the NPA level is about net 1-1.5%, which means less than one in 50 loans or equivalent in loan amount fail to be repaid.  
 B. A large number of small exporters have already started defaulting after they suffered a loss of over Rs. 2000 cr. on account of the collapse of the forex derivative market.  
 C. Banks have been directed by the RBI to transfer the bad assets into a separate account and carry on with lending.
32. The RBI of India has decided to retain the \_\_\_\_\_ limit for ways and means advances, which are used to bridge the mismatch between expenditure and receipts of the govt.  
 (1) Rs. 10000 cr. (2) Rs. 20000 cr. (3) Rs. 30000 cr. (4) Rs. 40000 cr. (5) None of these
33. Name the former Union Minister and Trinamool leader who died of cancer.  
 (1) Ajit Panja (2) Subroto Mukherjee (3) Mamata Banerjee (4) Akbar Ali Khandokar (5) None of these
34. India born fashion designer Anand Jon Alexander was convicted by a court in Los Angeles of sexually assaulting seven girls and young women. He faces a life term and may get parole only after.  
 (1) 5 years (2) 15 years (3) 20 years (4) 67 years (5) None of these
35. Savitri Jindal, 58, chairperson of the Jindal group, and a minister in the Haryana govt., has been named the richest woman in the latest Forbes list of richest Indians. She has a net worth of  
 (1) \$ 2.9 bn. (2) \$ 4.7 bn. (3) \$ 5.3 bn. (4) \$ 7.8 bn. (5) None of these
36. Name the former RBI Governor who is among the members of a high level panel of economists appointed by UN General Assembly President Miguel d'Escoto to suggest measures to deal with the current economic crisis  
 (1) D. Subbarao (2) YV Reddy (3) Bimal Jalan (4) C. Rangarajan (5) None of these
37. Which of the following statements are true about the recent Test series between India and Australia ?  
 (A) This is the first time in 9 years that Australia have lost a series without winning a single Test  
 (B) Ishant Sharma is Man of the Series. The last time an Indian fast bowler won the player of the series in India was Kapil Dev in 1983/84.  
 (C) India regained the Border-Gavaskar Trophy. Australia have held it since 2001.  
 (D) Rahul Dravid became the first man to score 12000 and more runs in Test Cricket.  
 (E) Sourav Ganguly crossed the 10000 run mark.  
 (F) Harbhajan Singh became the third Indian with 500 Test wickets.  
 (1) only A, B and C (2) only B, C and D (3) only C, D and E (4) only D, E and F (5) None of these
38. The singer Mariam Makeba, one of Africa's best known voices and a champion of the fight against apartheid during three decades in exile, has died of a heart attack after a concert in Italy. Which country did she belong to  
 (1) Kenya (2) Namibia (3) S. Africa (4) Tanzania (5) None of these

39. In which country has Ann E Dunwoody become the first woman four star general in the military ?  
 (1) US (2) UK (3) Germany (4) France (5) None of these
40. Dalit leader from Gujarat Yogendra Makwana, who was removed by the Congress as head of the Party's Scheduled Castes department, has floated a new outfit named.  
 (1) National Dalit Congress (2) National Bahujan Congress  
 (3) National People's Party (4) Indian People's Congress (5) None of these
41. Which of the following foreign bank has emerged as the leading investment bank in India ?  
 (1) ABN Amro (2) Goldman Sachs (3) Deutsche Bank (4) Standra Chartered (5) None of these
42. Which of the following statement is/are TRUE about ICICI ?  
 (1) ICICI and Dish TV launched interactive banking service.  
 (2) This service is known as ICICI ACTIVE  
 (3) It would enable subscriber to access information on the bank's products and service from their home.  
 (4) All above are true (5) None of these
43. Which of the following company has launched "mobile yellow pages" to provide phone users access to large data bases such as telephone directory and yellow pages ?  
 (1) S.G. Technology (2) Iflex Solution (3) Ericson (4) Siemens (5) None of these
44. Which of the followin Indian Origin artist has been winner of the Nottingham Creative Business Award ?  
 (1) Mark Shaw (2) Hetain Patel (3) Prashant Mishra (4) Krishna Menon (5) None of these
45. How much amount has been granted by the Asian Development Bank to India to help revive the Khadi  
 (1) \$ 9 mn (2) \$ 3 mn. (3) \$ 2 mn. (4) \$ 5 mn. (5) None of these
46. KIYA decided to open its new Outlet in 2009. "KIYA" belongs to which group ?  
 (1) Aditya Birla Group (2) Sheetal Group (3) Larsen & Turbo (4) Bombay Dying (5) None of these
47. Who has become the first "Miss Bhutan" as well as 'Miss Photogenic" and "Miss Talented" ?  
 (1) Karma Shering (2) Charm Reya (3) Louise Doughty (4) Tshokey Tshomo (5) None of these
48. According to RBI's report, what is the average business per employee for all the nationalised banks for the year  
 (1) Rs. 634 lakh (2) Rs. 618 lakh (3) Rs. 456 lakh (4) Rs. 715 lakh (5) None of these
49. The Cabinet Committee opn Economic Affairs gave its approval for how much crore to provide quality education in Madarsas ?  
 (1) Rs. 463 cr. (2) Rs. 754 cr. (3) Rs. 325 cr. (4) Rs. 579 cr. (5) None of these
50. How much amount has been declared by Anil Dhirubhai Ambani Group (ADAG) company Reliance Power for production of electricity ?  
 (1) Rs. 50000 cr. (2) Rs. 24000 cr. (3) Rs. 70000 cr. (4) Rs. 60000 cr. (5) None of these

## ENGLISH LANGUAGE

**Directions (51-60) :** *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.*

The Government seems to be in right earnest to ensure more **51** in governance. The Prime Minister's announcement that his Government is **52** drafting legislation to **53** the citizen's right to information is indeed welcome. Though the talk on the right to information is not new, we may **54** the bill to be brought early this time. The previous Government had set up a high-level committee to **55** a draft bill. But nothing has been heard about the matter since, **56** the committee did quite some work. The issue, however, has come to such a pass that a solution cannot be **57** further. Sunlight is the best disinfectant, a foreign judge once said, while **58** the unwarranted secrecy in an administrative system. When those in authority know that people have the right to ask questions and the government is under the **59** to provide them with answers, **60** of authority, or of public finances, for personal or party ends is less likely to happen.

51. (1) strictness (2) rudeness (3) leniency (4) economy (5) transparency  
 52. (1) personally (2) busy (3) not (4) reluctantly (5) absolutely  
 53. (1) presumption (2) absolve (3) curb (4) question (5) establish  
 54. (1) expect (2) wait (3) try (4) frustrate (5) appeal  
 55. (1) level (2) regard (3) prepare (4) enact (5) unearth  
 56. (1) even (2) as (3) because (4) until (5) though  
 57. (1) found (2) expected (3) delayed (4) looked (5) longed  
 58. (1) nurturing (2) criticising (3) demanding (4) appreciating (5) upholding  
 59. (1) pretention (2) affect (3) substance (4) obligation (5) property  
 60. (1) misuse (2) governance (3) dishonour (4) curbing (5) breach

**Directions (61-68) :** *In each question, one of the five parts of the sentence is shown with an asterisk (\*). The other four parts of the same sentence are denoted by (A), (B), (C) & (D). Find out the correct sequence of these lettered parts which when read together with the asterisked part in its proper position, makes the sentence meaningfully complete. Please note that more than one sequence may also be correct. Therefore, indicate your answer only after judging all the answer choices provided.*

61. \* are not keeping  
A. good health lately      B. you should know      C. why you      D. the reason  
(1) Only BDC\*A    (2) Only DBCA\*    (3) Only BADC\*    (4) Only C\*DBA    (5) Only BD\*AC
62. \* thieves  
A. to guard his house      B. and keep away      C. some fierce dogs      D. he keeps  
(1) Only \*CBAD    (2) Only DCAB\*    (3) Only D\*ABC    (4) Only AD\*BC    (5) None of these
63. \* his business  
A. was a heavy blow to      B. his crime      C. the discovery of      D. his reputation and  
(1) Only C\*ADB    (2) Only BADC\*    (3) Only CBAD\*    (4) Either \*ACDB or C\*ABD  
(5) None of these
64. \* the book  
A. in his own words      B. he had read      C. the entire story      D. carefully and could tell  
(1) Only B\*DCA    (2) Only BACD\*    (3) Only ABD\*C    (4) Only AB\*DC    (5) None of these
65. \* have been  
A. he is      B. one of the greatest      C. novelists      D. universally acknowledged to  
(1) Only A\*BCD      (2) Only BC\*AD      (3) Either A\*BCD or AD\*BC  
(4) Only AD\*BC      (5) None of these
66. \* to visit me  
A. he never came      B. in spite of      C. inviting him      D. my continually  
(1) Only AC\*BD    (2) Only BCD\*A    (3) Only A\*BCD    (4) Only C\*BDA    (5) None of these
67. \* believed it  
A. with my own eyes      B. I would      C. had I not seen this      D. not have  
(1) Only B\*DAC    (2) Only BD\*CA    (3) Only CABD\*    (4) Both BD\*CA & CABD\*  
(5) None of these
68. \* it is  
A. understand why      B. his own sons      C. he distrusts      D. difficult to  
(1) Only \*DACB    (2) Only A\*BDC    (3) Only BA\*DC    (4) Only CB\*AD    (5) None of these

**Directions (69-73) :** *Rearrange the following seven sentences A, B, C, D, E, F & G in the proper sequence to form a meaningful paragraph, then answer the questions given below them.*

- A. The history of that system is, however, a warning than a stimulus to reorganise a similar scheme.  
B. However, we can't resign ourselves merely because there are not data.  
C. One of the commonest risk which agricultural life is exposed to in this country is famine or failure of crops.  
D. There are, however, no reliable data on which such a scheme of insurance can be based.  
E. A kind of Famine Insurance System was attempted by the British Government of India in the last century.  
F. Still, the need for such a scheme to cover the losses due to famine, cattle plague, crop pests, etc. can't be undermined.  
G. It is obviously because of failure of rain and the consequence is starvation.

69. Which of the following should be the fourth sentence after rearrangement?  
(1) A      (2) B      (3) C      (4) D      (5) E
70. Which of the following should be the sixth sentence in the paragraph?  
(1) E      (2) D      (3) B      (4) C      (5) A
71. Which of the following should be there in the third position in the paragraph?  
(1) B      (2) C      (3) D      (4) E      (5) F
72. Which of the following should be the first sentence after rearrangement?  
(1) A      (2) B      (3) D      (4) C      (5) E
73. Which of the following should be the second sentence after rearrangement?  
(1) B      (2) G      (3) D      (4) E      (5) F

**Directions (74-78) :** *In each of the following sentences there are two blank spaces. Below each sentence*

there are five pair of words denoted by numbers 1, 2, 3, 4 & 5. Find out which pair of words can be filled up in the blanks in the sentence in the same sequence to make the sentence meaningfully complete.

74. He objected to the proposal because it was founded on a \_\_\_\_\_ principle and also was \_\_\_\_\_ at times.  
 (1) faulty - desirable (2) imperative - reasonable (3) wrong - inconvenient  
 (4) sound - acceptable (5) conforming - deplorable
75. The criterion for \_\_\_\_\_ a player should be based on his recent performance; but unfortunately, the journalists are \_\_\_\_\_ to be carried away by earlier successes.  
 (1) condemning - satisfying (2) judging - prone (3) revealing - reluctant  
 (4) eager - acclaiming (5) criticising - clean
76. For the last half century he \_\_\_\_\_ himself to public affairs \_\_\_\_\_ taking a holiday.  
 (1) by - committed (2) after - offered (3) devoted - without  
 (4) sacrificed - after (5) prepared - before
77. You will see signs of \_\_\_\_\_ everywhere, which speak well for the \_\_\_\_\_ of these people.  
 (1) decoration - senses (2) clear - debris (3) beauty - careful  
 (4) industry - prosperity (5) repairs - extravaganza
78. The police arrested Ramesh on a \_\_\_\_\_ of theft but for lack of evidence \_\_\_\_\_ him.  
 (1) crime - imprisoned (2) punished - complaint (3) left - condition  
 (4) tip - absconding (5) charge - released

**Directions (79-88) : In each sentence below, a word/group of words has been printed in bold. From the five answer choices given below each sentence, pick out the one which can substitute the bold word/group of words correctly, without changing the meaning of the sentence.**

79. He claims that his proposal is **preferable than that of** any other employee.  
 (1) preferable than for (2) preferable for than (3) preferably more than that of  
 (4) preferable to that of (5) No correction required
80. The social worker **has championed the cause from** the weak and oppressed for the last four decades.  
 (1) has been championing the cause of (2) had championed the cause for  
 (3) has been championing the cause for (4) had been championed the cause for  
 (5) No correction required
81. Initially the hijackers seemed determined not to submit but ultimately they **were given in**.  
 (1) were given up (2) gave in (3) had been given up (4) had been given in (5) No correction required
82. Every one of us must have experienced how people **have to put up with a good deal of** discomfort while travelling.  
 (1) have to be put with a good deal of (2) have been putting up a good deal with  
 (3) have to put up a good deal with (4) are putting up with a good deal with  
 (5) No correction required
83. Disputes are mainly maintained by those who **are nothing else to do**  
 (1) have nothing else to do (2) are nothing to do else where (3) had nothing to be done  
 (4) do not have nothing else to do (5) No correction required
84. The judge noticed that the two statements made by the accused **were not consistent from** each other.  
 (1) were not being in consistence for (2) were being inconsistent at (3) had not been consistent for  
 (4) were not consistent with (5) No correction required
85. The economic reforms initiated in 1991 **have borne fruit**.  
 (1) has born fruit (2) have burnt fruit (3) have been borne fruits  
 (4) have been bearing the fruits (5) No correction required
86. Our business firms **were full aware of** the problems they were going to face on the threshold of the year 2000.  
 (1) have been full aware of (2) were fully aware of (3) had been fully aware at  
 (4) were fully aware into (5) No correction required
87. The habit of smoking **has been grow upon** the youngsters.  
 (1) is growing up (2) has been grown up (3) has been growing upon  
 (4) has grown up (5) No correction required
88. To succeed in a difficult task, **persistent is needed**.  
 (1) persistent is what one needs (2) persistence should have needed  
 (3) one need to be persisted (4) persistence is needed (5) No correction required

**Directions (89-100) : There are two paragraphs followed by questions based on each of them. Read**

*these paragraphs and answer the questions given below them. Some words/phrases are given in bold to help you locate them while answering some of the questions.*

### Paragraph - I

Recently a study was made on the popularity of TV programmes and viewers' perception about their quality. The study of attitudes towards prime-time television programmes showed that programmes with identical ratings in terms of numbers of people watching received highly **divergent** marks for quality from their viewers. This additional piece of information could prove valuable for advertisers who might be well advised to spend their advertising money for programmes that viewers **feel** are of high quality.

89. Which of the following is most nearly the same in meaning as the word **feel** as used in the passage?  
 (1) pour (2) sympathise (3) perceive (4) evolve (5) sensitise
90. Which of the following is most nearly opposite in meaning of the word **divergent** as used in the passage?  
 (1) pointed (2) similar (3) heterogeneous (4) synonymous (5) focussed
91. Which of the following inferences can best be drawn from the above paragraph?  
 (1) The number of viewers decided the quality of the programmes.  
 (2) The viewers' perception about the quality of programmes is significant for advertisers.  
 (3) The poor quality programmes have very few viewers.  
 (4) Advertisers can derive benefit from the information about viewers' perception of quality of programmes.  
 (5) None of these
92. Which of the following is/are the finding(s) of the study?  
 A. The viewers decide the prime-time television programmes.  
 B. The attitudes of viewers cannot be reliably assessed.  
 C. The advertisers were benefitted from good quality programmes.  
 (1) A only (2) B only (3) C only (4) All the three (5) None of these
93. Which of the following can be inferred from the contents of the paragraph?  
 A. Advertisement can have some effect on the viewers' buying habits.  
 B. Money spent on advertising with high quality programmes yields more profits.  
 C. Different programmes with equal number of viewers can be rated differently as far as quality is concerned.  
 (1) Only A (2) Only B (3) Only A & B (4) Only B & C (5) None of these

### Paragraph-II

Econometric models like the computable general equilibrium model are mostly valuable in policy formulation as they give some insight into how trade policy changes will affect the sectoral composition of output and employment. They are not in themselves designed to provide direct inputs but really to serve as background as to the sectors that will be most favourably or most unfavourably affected by policy. Besides, they render valuable help in policy matters regarding free trade. Free trade has distinct benefits. These benefits are well accepted all over. However, there is a growing opposition to free trade. There is an increasing perception among certain groups of how international trading systems impact, especially how they affect low-wage workers and also have a degrading environmental impact. Yet it is difficult to accept that is the reason for any kind of protectionist move in the most advanced countries.

94. Most advanced countries are cautious about free trade because  
 A. They prefer to have a protectionist approach.  
 B. They feel degraded in international trading community  
 C. Their vested interests are thwarted.  
 (1) A & B only (2) B & C only (3) A & C only (4) All of them (5) None of these
95. The author of the passage seems to be  
 (1) in favour of use of econometric models but against free trade.  
 (2) in favour of free trade but neutral regarding econometric models.  
 (3) against both free trade as well as econometric models.  
 (4) indifferent about both free trade and econometric models.  
 (5) in favour of both econometric models and free trade.
96. Which of the following statements is definitely true in the context of the passage?  
 A. Despite the advantages of free trade, it is not wholeheartedly acclaimed by most advanced countries.  
 B. Policy formulation should be solely dependent on econometric models.  
 C. Reasons for model protectionist approach by advanced countries are not given in the passage.  
 (1) Only A (2) Only B (3) Only C (4) A & B only (5) B & C only

97. What is the contribution of econometric models?  
(1) They help develop insight into increasing output through less manpower.  
(2) They help in implementing new policies regarding free trade.  
(3) They help develop insight into how changes in policies influence certain sectors.  
(4) They ensure that policy changes have only positive impact on the economy. (5) None of these
98. Which of the following is the characteristic of econometric models?  
(1) They serve as a backdrop (2) They are unfavourable to free trade.  
(3) Their design is not conducive to increase employment (4) They do not serve direct inputs.  
(5) Both 1 & 4
99. The changes in economic policy are most likely to have  
(1) only desirable effect on all the sectors involved (2) a mixed influence on all the sectors involved  
(3) negative impact unless all the sectors are involved (4) unfavourable effect on employment opportunities.  
(5) None of these
100. Free trade has been receiving escalating disapproval because  
(1) it has a very distinct range of benefits (2) it unduly favours low-wage workers  
(3) it leads to protectionist approach among advanced countries  
(4) it affects international trading system adversely. (5) None of these

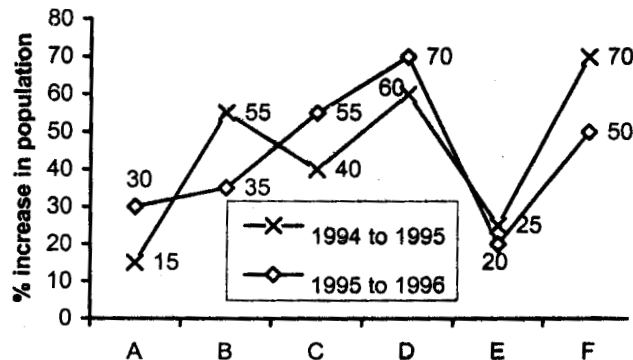
## QUANTITATIVE APTITUDE

101. If a pair of opposite sides of a square is increased by 5 cm each, then the ratio of the sides of the new figure is 3 : 2. What is the original area of the square?  
(1) 125 cm<sup>2</sup> (2) 225 cm<sup>2</sup> (3) 81 cm<sup>2</sup> (4) 100 cm<sup>2</sup> (5) None of these
102. What should come in place of question mark (?)?  
 $138.009 + 341.981 - 146.305 = 123.6 + ?$   
(1) 210.85 (2) 120.85 (3) 220.085 (4) 120.085 (5) None of these
103.  $\frac{1}{5}$  of a number is equal to  $\frac{5}{8}$  of the second number. If 35 is added to the first number then it becomes 4 times of second number. What is the value of the second number?  
(1) 125 (2) 70 (3) 40 (4) 25 (5) None of these
104. Anish borrowed Rs.15000 at the rate of 12% and an other amount at the rate of 15% for two years. The total interest paid by him was Rs.9000. How much did he borrow?  
(1) Rs.32,000 (2) Rs.33,000 (3) Rs.30,000 (4) Rs.35,000 (5) None of these
105. The ratio of A's and B's salary is 9 : 4. If A's salary is increased by 15%, then his total salary becomes Rs.5175. What is the salary of B?  
(1) Rs.2,000 (2) Rs.4,000 (3) Rs.4,500 (4) Rs.2,500 (5) None of these
- Directions (106-110) : In each of the following questions, a number series is given in which one number is wrong. You have to find out that number and have to follow the new series which will be started by that number. By following this, which will be the third number of the new series?**
106. 1 2 6 33 148 765 4626  
(1) 46 (2) 124 (3) 18 (4) 82 (5) None of these
107. 2 9 5 36 125 648 3861  
(1) 12 (2) 11 (3) 75 (4) 72 (5) None of these
108. 3 4 12 45 190 1005 6066  
(1) 98 (2) 96 (3) 384 (4) 386 (5) None of these
109. 6 10.5 23 59.5 183 644 2580  
(1) 183.5 (2) 182.5 (3) 183 (4) 182 (5) None of these
110. 2 7 19 43 99 209 431  
(1) 181 (2) 183 (3) 87 (4) 85 (5) None of these
111. A boat has to travel upstream 20 km distance from point X of a river to point Y. The total time taken by boat in travelling from point X to Y and Y to X is 41 minutes 40 seconds. What is the speed of the boat?  
(1) 66 km/hr (2) 72 km/hr (3) 48 km/hr (4) Data inadequate (5) None of these
112. A shopkeeper bought 150 calculators at the rate of Rs.250 per calculator. He spent Rs.2,500 on transportation and packing. If the marked price of calculator is Rs.320 per calculator and the shopkeeper gives a discount of 5% on the marked price then what will be the percentage profit gained by the shopkeeper?  
(1) 20% (2) 14% (3) 15% (4) 16% (5) None of these
113. If  $\frac{4}{9}$  of  $\frac{3}{10}$  of  $\frac{5}{8}$  of a number is 45, what is the number?  
(1) 450 (2) 550 (3) 560 (4) 650 (5) None of these

114. Three friends A, B & C started a business by investing a sum of money in the ratio of 5 : 7 : 6. After 6 months C withdraws half of his capital. If the sum invested by 'A' is Rs.40,000, out of a total annual profit of Rs.33,000, C's share will be  
 (1) Rs.9,000 (2) Rs.12,000 (3) Rs.11,000 (4) Rs.10,000 (5) None of these
115. Four of the following five parts numbered (1), (2), (3), (4) & (5) in the following equation are exactly equal. Which of the parts is not equal to the other four? The number of that part is the answer.  
 $(2x + 3)(5x - 4) = 5x(2x + 1) + 2(x - 6) = 2(x - 2)(5x + 3) = 7x(x + 1) + 3(x - 2)(x + 2) = 10(x^2 - 1) + (7x - 2)$   
 (1) (2) (3) (4) (5)

Directions (116-120) : Study the following graph carefully and answer the questions given below.

Percentage growth in population of six states A, B, C, D, E and F from 1994 to 1995 and 1995 to 1996



116. Population of state 'F' in 1995 was approximately what per cent of its population in 1996?  
 (1) 60 (2) 67 (3) 75 (4) 55 (5) Data inadequate
117. If the population of state 'B' in the year 1994 was 5 lakh, what was approximately its population in the year 1996?  
 (1) 9.50 lakh (2) 8 lakh (3) 10.50 lakh (4) 14.50 lakh (5) 11 lakh
118. If the population of states C and D in 1995 are in the ratio of 2 : 3 respectively and the population of state 'C' in 1994 was 2.5 lakh, what was the population of state 'D' in 1995?  
 (1) 5.25 lakh (2) 4.75 lakh (3) 3.50 lakh (4) 6 lakh (5) None of these
119. In 1994 the population of states B & D are equal and the population of state B in 1996 is 4 lakh; what approx was the population of state 'D' in 1996?  
 (1) 3 lakh (2) 3.50 lakh (3) 6 lakh (4) 5 lakh (5) 4.50 lakh
120. Population of state 'E' in 1994 was fraction of its population in 1996?  
 (1) 4/5 (2) 3/2 (3) 5/8 (4) 3/4 (5) 2/3

Directions (121-125) : Each of the questions below consists of a question and three statements numbered I, II & III given below it. You have to study the questions and decide the data in which of the statements are sufficient to answer the questions.

121. What is the speed of the train 'A'?
- I. Train A crosses 200-metre-long train B running in opposite direction in 20 seconds.
  - II. Speed of train B is 60 kmph.
  - III. Length of train A is twice that of train B.
- (1) I & II only (2) II & III only (3) I & III only (4) All I, II & III  
 (5) Question cannot be answered even with information in all three statements.
122. What is the area of the isosceles triangle?
- I. Perimeter of the triangle is 14 metres.
  - II. Base of the triangle is 14 metres.
  - III. Height of the triangle is 5 metres.
- (1) I & II only (2) II & III only  
 (3) I & II only or II & III only (4) I & III only (5) None of these
123. Who earns most among M, N, P, Q and R?
- I. M earns less than P but not less than R.
  - II. Q earns more than M but not equal to N.
  - III. N earns more than M & R.
- (1) Question cannot be answered even with information in all three statements.  
 (2) I & II only (3) Only I & II or only I & III (4) Only I & III  
 (5) All the three statements I, II & III together are necessary for answering the question.
124. What is the price of 1 dozen oranges?
- I. Price of 2 dozen oranges and 1 dozen banana is Rs.110



II. Price of 3 dozen apples and 1 dozen banana is Rs.170

III. Price of 1 dozen oranges and 1 dozen apples is Rs.95.

(1) Only I & II or only I & II (2) Only I & III or only II & III

(3) Only I & II or only II & III (4) Only II & III

(5) All the three statements I, II & III are necessary for answering the question.

125. The cost of carpeting a rectangular hall will be how much?

I. Perimeter of a rectangle is 60 m.

II. Angle between width and hypotenuse is 60°.

III. The cost of carpeting the surface floor is Rs.125 per square metre.

(1) Only I & II (2) Only II & III (3) Only I & III or only II & III

(4) Question cannot be answered even with information in all three

(5) All the three statements I, II & III together are necessary for answering the question.

**Directions (126-130) : Read the following information carefully and answer the questions based on it :**

**In 6 educational years, number of students taking admission and leaving from the 5 different schools which are founded in 1990 are given below**

School	A		B		C		D		E	
	Ad	L	Ad	L	Ad	L	Ad	L	Ad	L
1990	1025	-	950	-	1100	-	1500	-	1450	-
1991	230	120	350	150	320	130	340	150	250	125
1992	190	110	225	115	300	150	300	160	280	130
1993	245	100	185	110	260	125	295	120	310	120
1994	280	150	200	90	240	140	320	125	340	110
1995	250	130	240	120	310	180	360	140	325	115

In the above table shown Ad = Admitted, L = Left

126. What is the average number of students studying in all the five schools in 1992?

(1) 1494 (2) 1294 (3) 1590 (4) 1640 (5) None of these

127. What was the number of students studying in school B in 1994?

(1) 2030 (2) 1060 (3) 1445 (4) 1150 (5) None of these

128. Number of students leaving school C from the year 1990 to 1995 is approximately what percentage of number of students taking admission in the same school and in the same year?

(1) 50% (2) 25% (3) 48% (4) 36% (5) 29%

129. What is the difference in the number of students taking admission between the years 1991 and 1995 in school D & B?

(1) 514 (2) 1065 (3) 965 (4) 415 (5) None of these

130. In which of the following schools, percentage increase in the number of students from the year 1990 to 1995 is maximum?

(1) A (2) B (3) C (4) D (5) E

131. A man stands at a point P and makes an angle of 30° with the top of the tower. He moves some distance towards tower and makes an angle of 60° with the top of the tower. What is the distance between the base of the tower and the point P?

(1) 12 units (2) 8 units (3)  $4\sqrt{3}$  units (4) Data inadequate (5) None of these

132. Four of the following five parts numbered (1), (2), (3), (4) & (5) in the following equation are exactly equal. Which of the parts is not equal to the other four? The number of that part is the answer.

$$275 \times 12 - 15^2 + 5^3 = 128 \times 5 - 5 \times 4^3 + 4^2 \times 3^2 \times 20 = 350 \times 8 + 5^2 \times 4^2 =$$

(1) (2) (3)

$$175 \times 14 + 17 \times 7 + 90 \times 7 = 182.5 \times 16 + 7 \times 2^3 \times 5$$

(4) (5)

133. The compound interest on any sum at the rate of 5% for two years is Rs.512.50. Find the sum.

(1) Rs.5200 (2) Rs.4800 (3) Rs.5000 (4) Rs.5500 (5) None of these

134. What should come in place of the question mark (?) in the following equation?  $28/? = ?/112$

(1) 70 (2) 56 (3) 48 (4) 64 (5) None of these

135. In a two-digit number, the digit at unit place is 1 more than twice of the digit at tens place. If the digit at unit and tens place be interchanged, then the difference between the new number and original number is less than 1 to that of original number. What is the original number?

(1) 52 (2) 73 (3) 25 (4) 49 (5) 37

Directions (136-140) : Study the following table and answer the following questions carefully.

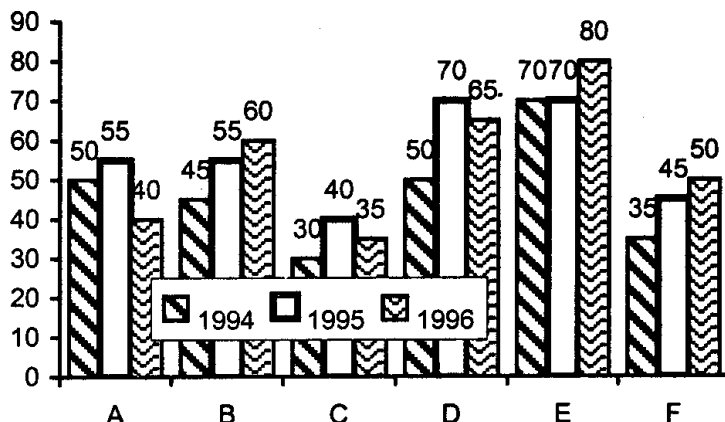
Following table shows the percentage population of six states below poverty line and the proportion of male and female

State	Percentage population below poverty line	Proportion of male and female	
		Below poverty line M : F	Above poverty line M : F
A	12	3 : 2	4 : 3
B	15	5 : 7	3 : 4
C	25	4 : 5	2 : 3
D	26	1 : 2	5 : 6
E	10	6 : 5	3 : 2
F	32	2 : 3	4 : 5

136. The total population of state A is 3000, then what is the approximate no. of females above poverty line in state A?  
(1) 1200            (2) 2112            (3) 1800            (4) 1950            (5) 2025
137. If the total population of C & D together is 18000, then what is the total no. of females below poverty line in the above stated states?  
(1) 5000            (2) 5500            (3) 4800            (4) Data inadequate (5) None of these
138. If the population of males below poverty line in state A is 3000 and that in state E is 6000, then what is the ratio of the total population of state A & E?  
(1) 3 : 4            (2) 4 : 5            (3) 1 : 2            (4) 2 : 3            (5) None of these
139. If the population of males below poverty line in state B is 500 then what is the total population of that state?  
(1) 14400            (2) 6000            (3) 8000            (4) 7600            (5) None of these
140. If in state E population of females above poverty line is 19800 then what is the population of males below poverty line in that state?  
(1) 5500            (2) 3000            (3) 2970            (4) Data inadequate (5) None of these
141. If the growth in production of company A from 1994 to 1995 was 25% and that from 1995 to 1996 was 60%, then what percentage growth took place from 1994 to 1996?  
(1) 85%            (2) 75%            (3) 200%            (4) 100%            (5) None of these
142. Which values of 'x' satisfies the inequality  $x^2 - 3x + 2 > 2x - 4$  ?  
(1)  $2 < x < 3$             (2)  $x > 3$  or  $x < 2$             (3)  $x \geq 3$             (4)  $x \leq 2$             (5) None of these
143. Mr Amin borrowed some money from Mr Vishwas. The rate of interest for first two years is 8% p.a., for the next three years is 11% p.a. and for the period beyond 5 years 14% p.a. Mr Vishwas got an amount of Rs.10920 as an interest at the end of eight years. Then what amount was borrowed by Mr Amin?  
(1) Ra.12000            (2) Rs.15000            (3) Rs.1400            (4) Data inadequate (5) None of these
144. 10 men and 15 women finish a work in 6 days. One man alone finishes that work in 100 days. In how many days will a woman finish the work?  
(1) 125 days            (2) 150 days            (3) 90 days            (4) 225 days            (5) None of these
145. What approximate value should come in place of the question mark ?  
 $48.25 \times 150 + 32 \times 16.5 - 125 \times 10.5 = ?$   
(1) 6200            (2) 7500            (3) 6450            (4) 7100            (5) 6700

Directions (146-150) : Study the following graph carefully and answer the questions that follow.

Production of steel by different companies in three consecutive years (in lakh tonnes)



146. What is the difference between average production of the six companies in 1995 and average production of the same companies in 1994?  
(1) 7,05,000 tonnes (2) 7,50,000 tonnes (3) 75,000 tonnes (4) 75,00,000 tonnes (5) None of these
147. What is the percentage decline in production by company C from 1995 to 1996?  
(1) 5%            (2) 20%            (3) 15%            (4) 12.50%            (5) None of these

148. Which of the following companies recorded the minimum percentage growth from 1994 to 1995?  
 (1) A (2) B (3) C (4) D (5) F
149. Production of company 'C' in 1995 and production of company 'F' in 1994 together is what per cent of production of B in 1996?  
 (1) 80% (2) 75% (3) 133% (4) 120% (5) None of these
150. In which of the following pairs of companies the difference between average production for the three years is maximum?  
 (1) E & F (2) D & C (3) E & C (4) A & E (5) None of these

## TEST OF REASONING

**Directions (151-155):** In each question below is given a statement followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement. Give answer.

- (1) if only assumption I is implicit (2) if only assumption II is implicit  
 (3) if either I or II is implicit (4) if neither I nor II is implicit (5) if both I and II are implicit
151. **Statement :** The next time you pick the handset of your telephone, you may hear a pre-recorded voice reminding you of your democratic right - the right to cast your vote.  
**Assumptions :** I. The pre-recorded voice will increase the polling percentage.  
 II. People avoid casting their votes.
152. **Statement :** The Bhagavad Gita speaks of God's intervention in the affairs of human beings to restore righteousness.  
**Assumptions :** I. Bhagavad Gita is a holy book. II. Human beings are guided by God.
153. **Statement :** Some are forced to leave their novels just when they are reaching its tantalising end.  
**Assumptions :** I. Novels are very interesting and no one wants to put it down without finishing it.  
 II. Students generally are afraid of their parents while reading novels.
154. **Statement :** There is no good coaching arrangement for CBSE board exam available anywhere in the country. Students are forced to depend on sub-standard private tuitions of their locality.  
**Assumptions :** I. Coaching is necessary for fetching good marks in the examination.  
 II. Now a days coahing is a good business.
155. **Statement :** The railways have been fudging accident figures for years in order to paint a rosy picture of their safety performance.  
**Assumptions :** I. These days railway accidents are very common.  
 II. Passengers prefer safest mode of transportation.

**Directions (156-160):** Below is given a passage followed by several possible inferences which can be drawn from the facts stated in the passage. You have to examine each inference separately in the context of the passage and decide upon its degree of truth or falsity.

Mark answer

- (1) if the inference is 'definitely true', i.e. it properly followed from the statement of facts given.  
 (2) if the inference is 'probably true' though not 'definitely true' in the light of the facts given.  
 (3) if the data are inadequate, i.e. from the facts given you cannot say whether the inference is likely to be true or false.  
 (4) if the inference is 'probably false' though not 'definitely false' in the light of the facts given.  
 (5) if the inference is 'definitely false', i.e. it cannot possibly be drawn from the facts given for it contradicts the given facts.

The most critical forces of change reshaping our business world are globalisation, convergence and consolidation, innovation and growth, disruptive technology and e-business. Globalisation continues to pull compnaies into new markets, new countries and new situations. Convergence is felt industry after industry. We continue to witness mergers and acquisitions of unprecedented scale. The challenge today is how to manage innovation and growth so that your company is ready for the future. Otherwise it is very likely that someone is going to reinvent your business with a better idea.

156. Globalisation is making the business environment far more complex and interdependent.  
 157. E-business is business through internet.  
 158. These days competition among companies is at highest level.  
 159. Because of globalisation foreign companies are coming to India.  
 160. It is too hard for an outside company to remain in competition without merging with a local company.

**Directions (161-165):** Read the following information carefully and answer the questions given below it.

Five brothers - Visakh Sharma, Vikram Sharma, Vishal Sharma, Harsh Sharma and Anant Sharma - work as Software Engineer, Manager, Consultant, Y2K Specialist, and Police Officer, though their family business is related to publishing house. They have hobbies of car driving, stamp collection, mountaineering, skiing, and skating but not in the same order.

Vikram Sharma and Harsh Sharma do not like stamp collection and skating nor are they Consultant or Police Officer.

Harsh Sharma and Anant Sharma are neither Y2K Specialist nor Manager.

Vishal Sharma is not Y2K specialist.

Mountaineer is Software Engineer and Skier the Police Officer.

Vishal Sharma and Anant Sharma are not fond of car driving nor are they Police Officer.

The Consultant is fond of stamp collection.

161. Which of the following statements is wrong?

- (1) The Y2K Specialist likes skiing. (2) Harsh Sharma is Software Engineer  
(3) Vikram Sharma and Anant Sharma are not Manager.  
(4) Manager does not like car driving. (5) None of the above

162. Who likes mountaineering?

- (1) Harsh Sharma (2) Vikram Sharma (3) Vishal Sharma (4) Anant Sharma (5) Visakh Sharma

163. What is the profession of Anant Sharma?

- (1) Manager (2) Consultant (3) Police Officer (4) Software Engineer (5) Y2K Specialist

164. What is the profession of Visakh Sharma?

- (1) Software Engineer (2) Y2K Specialist (3) Police Officer  
(4) Manager (5) Consultant

165. Who is the Software Engineer?

- (1) Data inadequate (2) Vikram Sharma (3) Vishal Sharma (4) Harsh Sharma (5) Anant Sharma

**Directions (166-170):** In each of the following questions a statement is given followed by two courses of action. A course of action is taken for improvement, follow-up, etc. Read the statement carefully and give answer

- (1) if only course of action I follows. (2) if only course of action II follows.  
(3) if either course of action I or II follows. (4) if both courses of action I and II follow  
(5) if neither course of action I nor II follows.

166. **Statements :** The number of disabled persons in developing countries is going to increase at an alarming rate.

**Courses of action :** I. Developed countries should provide nutritious food and medicine to developing countries.

II. Parents should take care of their children.

167. **Statements :** One out of every two smokers, who start at a young age and continue smoking throughout their lives, will ultimately be killed by a tobacco-related illness.

**Courses of action :** I. Awareness campaigning against the ill-effects of tobacco should be organised.

II. Medical science should develop anti-tobacco effect medicines.

168. **Statements :** According to the police, 198 cyclists were killed and 617 injured in accidents on Delhi roads in 1998 alone.

**Courses of action :** I. Police should issue a set of guidelines for the safety of cyclists.

II. Two-wheelers should be banned on Delhi roads.

169. **Statements :** Several ISI-trained human bombs have landed in India for the coming elections.

**Courses of action :** I. Police should be more vigilant.

II. SPG cover should be provided to all candidates contesting for the elections.

170. **Statement :** In this hi-tech world there is no way of obtaining relief from stress and tensions through modern system of medicine.

**Courses of action :** I. Govt should impose ban on computers and Internet.

II. Govt should promote ancient Ayurvedic system and science of healing.

**Directions (171-175):** Study the following information carefully and answer the questions given below :

Following are the criteria for offering dealership of Hindustan Lever Ltd for Madras.

The candidate must

- (i) be an MBA in marketing with more than 60% marks.  
(ii) not be more than 30 years of age as on 31st Oct, 1999.  
(iii) have at least 2 years of experience of marketing or sales of cosmetics.  
(iv) deposit Rs.2,50,000 in one instalment as security money.  
(v) have been the resident of Madras for at least five years.

However, in the case of candidate who fulfils all the criterial except

(A) (ii) above but has 5 years of experience of marketing or sales of cosmetics, be referred to General Manager, Marketing.

(B) (iii) above but has secured more than 70% marks in the MBA degree, be referred to President, Marketing.

(C) (iv) above but can deposit Rs.2,00,000 in one instalment, be referred to the Account Officer of the company.

Based on the above criteria and information provided against each candidate make a decision in each case. You are not to assume anything. These cases are given to you as on 31st Oct. 1999.

Give answer

(1) be referred to GM. Marketing

(2) be referred to President, Marketing

(3) be referred to Accounts Officer

(4) dealership not to be offered

(5) dealership to be offered.

171. Jayshankar Srivastava, born on 28th July 1972, has been staying at Madras for last 15 years. He did his MBA in marketing management with 76% marks. He is working as Sales Executive for last 3 years. However, he can pay only Rs.2,00,000 as a security money.

172. Chandu can deposit Rs.2,50,000 as security money in one instalment. After completing his MBA in marketing from Maharashtra he came to Madras in May 1994 and joined Lakme India Ltd, a cosmetic manufacturing company, as Marketing Executive. He completed his MBA with 68% marks at the age of 27 years.

173. Sanjay Kumar ' Vipul ' is maths graduate with 65% marks and MBA in marketing management with 72% marks. He came to Madras in Nov. 1992 on his 20th birthday. He can deposit the security money but not more than Rs.2,00,000.

174. 28-year-old Anil Jha, born and brought up in Madras, is an Engineering graduate with 70% marks from BIT, Sindri and has done MBA in marketing management with 60% marks. He can deposit security money of Rs.2,50,000.

175. Preeti Pranav, a maths graduate from St Xavier's college, Ranchi, born on 5 Sept. 1976, has been staying in Madras after her graduation in 1997. She was in Madras when she was 6 years old and remained there till she turned 10 years old. She has done MBA with 80% marks in marketing management and is ready to pay the security money. She has experience of 2 years in marketing of cosmetics in a reputed firm.

**Directions (176-180):** Give below are pairs of events 'A' and 'B'. You have to read both the events 'A' and 'B' and decide their nature of relationship. You have to assume that the information given in 'A' and 'B' is true and you will not assume anything beyond the given information in deciding the answer.

Mark answer (1) : If 'A' is the effect and 'B' is its immediate and principal cause.

Mark answer (2) : If 'A' is the immediate and principal cause and 'B' is its effect.

Mark answer (3) : If 'A' is an effect but 'B' is not its immediate and principal cause.

Mark answer (4) : If 'B' is an effect but 'A' is not its immediate and principal cause.

Mark answer (5) : None of these

176. Event (A) : The Delhi high court issued show cause notices to 86 public schools in the capital.

Event (B) : The educational institutions had violated court directives of not hiking fee beyond 40 per cent.

177. Event (A) : Manisha Mishra was preparing food in the kitchen.

Event (B) : Anand, her husband, after coming from his office ran into the kitchen.

178. Event (A) : Mrs 'A' called Mr 'B' a traitor.

Event (B) : Mrs 'A' made an apology.

179. Event (A) : If you are a habitual traffic rule breaker this won't come as good news to you.

Event (B) : The traffic department has enhanced the number of red lights manned by the police.

180. Event (A) : The police reached the spot and found all the three lying on the ground.

Event (B) : A youth stabbed two sisters with a knife and then attempted to end his life.

**Directions (181-185):** In each question below, there are three statements followed by four conclusions numbered I, II, III and IV. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follow(s) from the given statements.

181. **Statements** : a. All merchants are shopkeepers.

b. Some shopkeepers are greedy.

c. Some greedy are honest.

**Conclusions** : I. Some shopkeepers are honest

II. Some greedy are merchants.

III. Some merchants are honest.

IV. Some honests are greedy.

(1) Only I & II follow

(2) Only II & IV follow

(3) Only III follows

(4) Only IV follows

(5) None of these

182. **Statements** : a. Some deodorants are scents. b. All scents are powders. c. No powder is ash.

**Conclusions** : I. Some powders are deodorants.

II. No scent is ash.

III. Some deodorants are ash.

IV. Some scents are ash.

- (1) Only I & II follow (2) Only I & either II or IV follow  
 (3) Only I, II and IV follow (4) Only III and either II or IV follow (5) None of these
183. **Statements** : a. All ideas are facts b. Some facts are logic. c. No logic is fruitful  
**Conclusions** : I. Some facts are ideas II. Some logic are ideas III. Some ideas are fruitful  
 IV. No ideas are fruitful.  
 (1) Only I follows (2) Only I and either III or IV follow (3) Either III or IV follows  
 (4) Only I and III follow (5) None of these
184. **Statements** : a. Some telescopes are radars. b. No radars are helicopters.  
 c. All helicopters are aircraft.  
**Conclusions** : I. Some telescopes are helicopters. II. Some radars are aircraft  
 III. No radars are aircraft IV. Some telescopes are aircraft.  
 (1) Only I follows (2) Only III follows (3) Either II or III follows (4) Either III or IV follows  
 (5) None of these
185. **Statements** : a. Some bags are purses. b. All purses are black  
 c. Some blacks are white  
**Conclusions** : I. Some purses are white II. Some whites are bags.  
 III. Some whites are black IV. No white is a purse.  
 (1) Either I or IV follows (2) Only II follows (3) Only III and IV follow  
 (4) None follows (5) None of these
- Directions (186-192):** Study the following information to answer the given questions.  
 A number arrangement machine when given an input of numbers, rearranges them following a particular rule in each step. The following is an illustration of input and steps of rearrangement.
- |            |     |     |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|-----|-----|
| Input :    | 46  | 185 | 310 | 436 | 96  | 217 | 39  |
| Step I :   | 436 | 46  | 185 | 310 | 96  | 217 | 39  |
| Step II :  | 436 | 39  | 46  | 185 | 310 | 96  | 217 |
| Step III : | 436 | 39  | 310 | 46  | 185 | 96  | 217 |
| Step IV :  | 436 | 39  | 310 | 46  | 217 | 185 | 96  |
| Step V :   | 436 | 39  | 310 | 46  | 217 | 96  | 185 |
- This is the final arrangement and Step V is the last step for this input.
186. If 631, 29, 520, 474, 48, 312, 502, 36, 68 is the third step of an input, which of the following steps will be 631, 29, 520, 36, 502, 48, 474, 312, 68 ?  
 (1) Sixth (2) Fifth (3) Seventh (4) Can't be determined (5) None of these
187. Which of the following is the last step for the following input?  
**Input** : 47, 432, 127, 52, 309, 87, 28, 116  
 (1) 432, 28, 309, 52, 127, 47, 116, 87 (2) 432, 28, 309, 47, 52, 127, 116, 87  
 (3) 432, 28, 309, 47, 127, 52, 116, 87 (4) 432, 28, 309, 47, 127, 116, 52, 87  
 (5) None of these
188. Following is the step IV for an input. What will be the first step for the input?  
**Step IV** : 726, 19, 537, 33, 412, 315, 115, 47, 81  
 (1) 115, 47, 726, 19, 537, 33, 412, 315, 81 (2) 537, 19, 726, 412, 33, 315, 115, 47, 81  
 (3) 33, 412, 315, 726, 19, 537, 115, 47, 81 (4) Can't be determined (5) None of these
189. How many steps will be required to get the final output from the following input?  
**Input** : 20, 105, 17, 37, 76, 121, 123, 41  
 (1) 5 (2) 6 (3) 7 (4) 8 (5) None of these
190. If following is the second step fro an input, what will be the fourth step?  
**Step II** : 317, 9, 217, 20, 226, 16, 115  
 (1) 317, 9, 226, 20, 217, 16, 115 (2) 317, 9, 226, 16, 217, 20, 115  
 (3) 317, 9, 217, 20, 226, 16, 115 (4) 317, 9, 226, 16, 115, 20, 217 (5) None of these
191. What will be the third step for the following input?  
**Input** : 17, 85, 102, 9, 119, 311, 13  
 (1) 311, 9, 119, 17, 85, 102, 13 (2) 311, 9, 119, 17, 102, 85, 13  
 (3) 311, 9, 102, 17, 119, 85, 13 (4) 311, 9, 102, 13, 119, 17, 85 (5) None of these
192. What will be the second step for the following input?  
**Input** : 727, 17, 548, 19, 348, 27, 402, 43  
 (1) 727, 19, 548, 17, 348, 27, 402, 43 (2) 727, 17, 348, 548, 19, 27, 402, 43  
 (3) 727, 348, 17, 19, 548, 27, 402, 43 (4) Can't be determined (5) None of these

**Directions (193-197):** In the following questions, the symbol \$, #, +, \* and & are used with the following meaning :

- P \$ Q means P is greater than Q.      P # Q means P is either greater than or equal to Q.  
 P + Q means P is equal to Q.      P \* Q means P is smaller than Q.  
 P & Q means P is either smaller 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;      (2) if only conclusion II is true;  
 (3) if either I or II is true;      (4) if neither I or II is true;  
 (5) if both I and II are true.

193. Statements : D # H, I & R, R \* H  
 Conclusion : I. D \$ I      II. R & D
194. Statements : K \* I, S \$ H, K # H  
 Conclusions : I. S + K      II. H \* J
195. Statements : A + M, J \$ T, A \* T  
 Conclusions : I. T \$ M      II. A \* J
196. Statements : R \$ A, H & U, A + U  
 Conclusions : I. A \$ H      II. H + A
197. Statements : M \* U, K # A, M \$ K  
 Conclusions : I. U # A      II. A & M

**Directions (198-204):** Read the following information carefully and answer the questions given below :

There are nine papers - Maths, Hindi, English, Physics, Chemistry, Biology, History, Civics, Geography --- which have to be conducted within the span of a week. At least one paper should be there on every day and no day should have more than two papers.

There will be only one holiday during the papers.

Exam begins either on Sunday or Wednesday with Biology and there is no other paper on this same day.

Geography is accompanied by some other subject but not on Monday Civics and Maths are on the same day immediately before holiday.

The number of papers conducted before holiday will be less than the number of papers conducted after holiday.

No other paper will be conducted with Hindi or English.

Sunday will come after holiday and Saturday will be the half day.

Physics is not on the same day as History. There is only one paper on Monday.

198. Which day will the exam begin?  
 (1) Wednesday      (2) Sunday      (3) Can't be determined  
 (4) Data inadequate      (5) None of these
199. Which day will Civics and Maths be conducted?  
 (1) Thursday      (2) Friday      (3) Saturday      (4) Can't be determined      (5) None of these
200. Which day will be the holiday?  
 (1) Friday      (2) Saturday      (3) Friday or Saturday      (4) Can't be determined      (5) None of these
201. English will be held on which day?  
 (1) Saturday      (2) Monday      (3) Sunday      (4) Can't be determined      (5) None of these
202. Geography will be accompanied with which subject?  
 (1) History      (2) Physics      (3) Chemistry      (4) Can't be determined      (5) None of these
203. Which paper will be held on last day?  
 (1) Geography, Chemistry      (2) History, Geography      (3) Physics, Geography  
 (4) Chemistry, History      (5) Can't be determined
204. Which of the given statements is definitely false?  
 (1) Geography will be accompanied by Chemistry      (2) Geography will be conducted on Tuesday  
 (3) Hindi will be conducted on Tuesday      (4) Saturday will be the holiday.      (5) None of these
205. If 'A @ B' means 'A is father of B', 'A # B' means 'A is sister of B' and 'A \$ B' means 'A is daughter of B', then who is the mother in 'P\$Q#R@S'  
 (1) P      (2) Q      (3) R      (4) Data inadequate      (5) None of these
206. If K means  $\div$ , I means  $\times$ , S means +, and H means -, then what is the value of 25I3S22K11H6S7?      (1) 74  
 (2) 18      (3) 82      (4) 71      (5) None of these
207. How many pairs of letters are there in the word PROBATIONARY which have as many letters between

them as in the English alphabet?

- (1) Two                      (2) Three                      (3) Four                      (4) Five                      (5) None of these

208. In the following number series how many such 2's are there which are immediately preceded by a pair of numbers whose product is more than the product of pair of numbers immediately following 2?

7 7 2 1 3 9 4 2 6 5 2 4 8 3 5 2 7 6 5 2 9 2 8 6 4 3 9 2 4 6 5 7

- (1) 1                      (2) 2                      (3) 3                      (4) 4                      (5) None of these

209. If it is possible to make a meaningful word from the fourth, sixth, ninth and tenth letters of the word DIRECTIONS using each letter only once, second letter of the word would be your answer. If more than one such word can be formed, your answer would be 'P' and if no such word can be formed, answer is 'Q'.

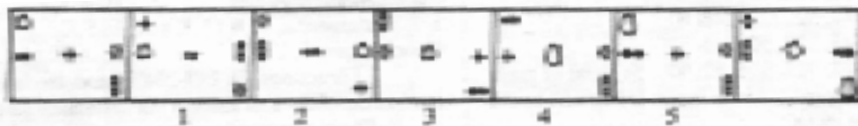
- (1) E                      (2) N                      (3) P                      (4) Q                      (5) T

210. In a certain code language the word LATEST is written as IDQHPW. How will the word PAPERS be written in that language?

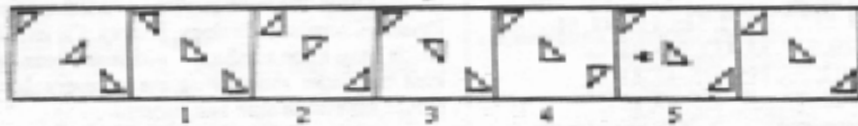
- (1) SXS BUP                      (2) MDS BUP                      (3) MDMHOV                      (4) MDMHUV                      (5) None of these

**Directions (211-215):** Each of the following questions has seven figures, five of which are numbered while those on the ends are unnumbered. The seven figures should form a series. Which of the five numbered figures does not fit into the series?

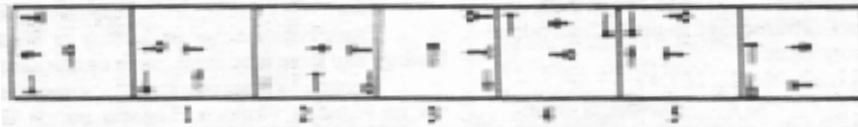
211.



212.



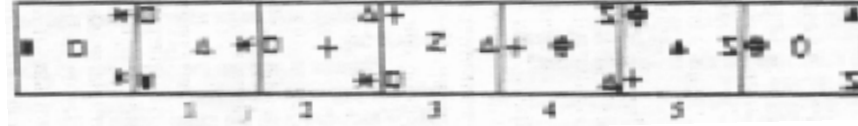
213.



214.

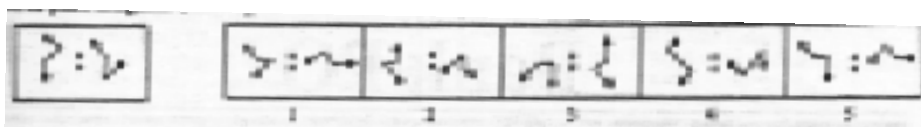


215.

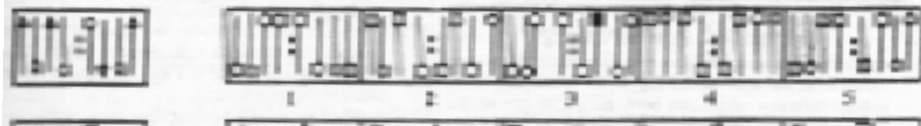


**Directions (216-220):** In each of the following problems, a related pair of figures is given followed by five numbered pairs of figures. Select a pair that has a relationship similar to that in the original pair.

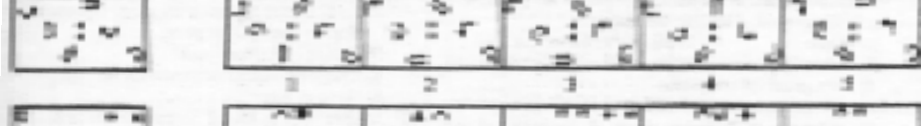
216.



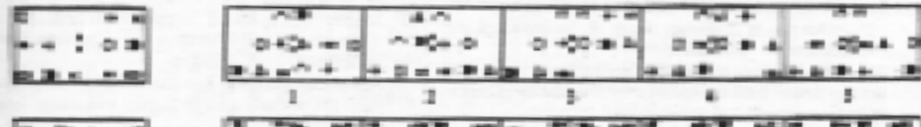
217.



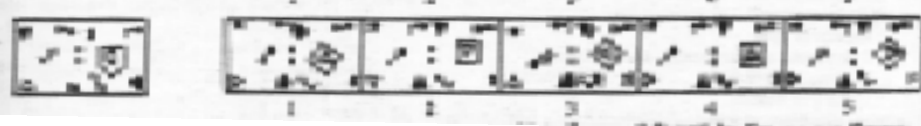
218.



219.

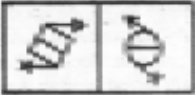



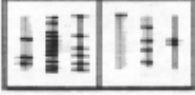


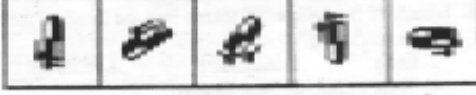
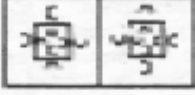
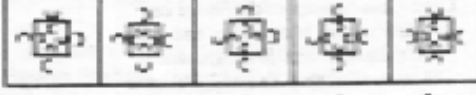


220.





**Directions (221-225):** In each question below, two problem figures, followed by five answer figures numbered (1), (2), (3), (4) & (5) are given. The two problem figures have some common characteristics/features. You have to find out one figure out of the five answer figures which has the same features/characteristics. The number of that figure is the answer.

221.		
		1      2      3      4      5
222.		
		1      2      3      4      5
223.		
		1      2      3      4      5
224.		
		1      2      3      4      5
225.		
		1      2      3      4      5