

Held On: 22-11-2009 (Morning Shift)

State Bank of India Clerical Exam

(Based on Memory)

Test-I

General Awareness

- Which of the following trophies/cups is not associated with the game of Football?
1) Durand Cup 2) Santosh Trophy
3) Federation Cup 4) Subroto Cup
5) K D Singh Babu Trophy
- The Govt. of India is planning to provide an identity card to each one of its citizen with his/her personal details and identity marks. Which of the following agencies/organization is going to implement this huge task?
1) Election Commission of India
2) Peoples Union for Civil Liberties
3) Unique Identification Authority of India
4) National Committee on Science and Technology
5) None of these
- Who amongst the following is the present speaker of the Lok Sabha?
1) Somnath Chatterjee 2) Mamta Banerjee
3) Manohar Joshi 4) L K Advani
5) None of these
- The Indo Gulf Conference on Current Economic Scenario, was organized a few months back in _____
1) New Delhi 2) Chennai 3) Cochin
4) Hyderabad 5) Lucknow
- Which of the following organizations/agencies has sanctioned a loan of US \$ 225 Million to India to renovate and modernize its power plants at various places?
1) International Monetary Fund (IMF)
2) Bank of America & British Bank of Middle East jointly
3) Energy Research & Development organization of France
4) World Bank
5) None of these
- Indian Govt. has decided recently to upgrade its fleet of transport aircraft AN-32. This upgradation will be done by which of the following countries?
1) France 2) Ukraine 3) Israel
4) Egypt 5) USA
- Michael Jackson who died a few months back was a famous _____
1) Politician 2) Pop Singer 3) Tennis Player
4) Author 5) None of these
- As per the reports in various newspapers the Govt. has allowed 2200 different types of items to come to India from Singapore as Duty Free imports. This is being done under which of the following agreements with Singapore?
1) Comprehensive Economic Cooperation Agreement
2) Look East Policy of the Govt. of India
3) Focus Africa Programme of India
4) Own your cargoship scheme of the Shipping Corporation of India Ltd. (SCIL)
5) None of these
- Oil and Natural Gas Commission Videsh Ltd. (OVL) is planning to invest US \$ 5 billion in production of gas from "Farsi Blocks of Gas Deposits". The Farsi Blocks are located in _____
1) Russia 2) Iran 3) Kuwait
4) UAE 5) Bombay High
- The Govt. of India recently signed an agreement with the Govt. of Bahrain so that Indian workers going there are well protected. Indians go to Bahrain mainly to work as _____
1) Construction worker
2) Medical Professional
3) Teaches and Educationist
4) Drilling Operators at Oil wells
5) None of these
- As per the Budget speech of the Railway Minister some special trains named as 'Duronto', are launched. Duronto Trains will be in fact _____
1) super fast trains
2) local or short distance trains
3) extremely low fare trains
4) trains running to connect Kolkata with rest of the West Bengal
5) trains specially for people living below poverty line
- As per the budget 2009-10 the Govt. is trying to achieve the annual real growth of agriculture at which of the following levels of the GDP?
1) 2% 2) 3% 3) 4%
4) 5% 5) None of these
- Which of the following cannot be called a horticultural crop?
1) Apple 2) Coconut 3) Moong
4) Sunflower 5) Leafy Vegetables
- Sunil Mittal who was awarded by the Global Economic Prize 2009 by a German Institute is the CEO and chairman of _____

- 1) Mittal Steels 2) Bharti Enterprises
3) Satyam Mahindra 4) Touch Bionics
5) None of these
15. As we all know now every child in the age group of 6-14 years can demand that he/she should be admitted to a school to complete his/her primary/basic education. Enactment of which of the following acts has made it possible?
1) Right to Information Act
2) Abolition of Child Labour Act
3) Equal Opportunities, Protection of Rights and Full Participation Act
4) Competition Act
5) None of these
16. Which of the following taxes was levied on the buying/selling of various commodities on recognized exchanges in India? (It is withdrawn now).
1) Fringe Benefit Tax
2) Value Added Tax
3) Central Sales Tax
4) Securities Transaction Tax
5) Commodity Transaction Tax
17. Who amongst the following won the Indira Gandhi Prize 2009 for Peace, Disarmament and Development?
1) Aung San Suu Kyi 2) Deep Joshi
3) Bill Gates 4) Hillary Clinton
5) None of these
18. The Govt. of India has decided recently to develop an additional irrigation capacity of 10 million hectares by 2009, through major, minor and medium projects complemented by ground water development. This is one of the objectives of which of the following programmes?
1) Bharat Nirman
2) National Rural Employment Guarantee Scheme
3) Pradhan Mantri Adarsh Gram Yojana
4) National Action Plan on climate change
5) None of these
19. The 18th Maccabiah Games which are also called the "Jewish Olympics 2009" were organized in which of the following countries recently?
1) Israel 2) Egypt 3) Syria
4) Turkey 5) None of these
20. The Govt. of India recently raised the total allocation to which of the following schemes by 45% so that infrastructural facilities can be developed in the country at a faster pace?
1) Pradhan Mantri Gram Sadak Yojana
2) Bharat Nirman Yojana
3) Rajiv Awas Yojana
4) Swarna Jayanti Gram Swarozgar Yojana
5) None of these
21. Which of the following is NOT a banking related term?
1) Creditor
2) Outstanding amount
3) Benchmark Prime Lending Rate
4) Explicit Guarantee
5) Centre Pass
22. Ricky Ponting who was in news recently is a famous cricketer from _____
1) New Zealand 2) West Indies
3) Australia 4) England
5) None of these
23. As we all know Govt. is committed to provide employment of 100 days to the rural people in India Which of the acts is enacted for the same?
1) Competition Act
2) Minimum Wages Act
3) National Rural Employment Guarantee Act
4) Right to Information Act
5) None of these
24. When a bank is financing an "International Business", it in fact, is involved in which of the following?
1) Micro Finance 2) Retail Banking
3) Core Banking 4) Trade Finance
5) All of these
25. Who amongst the following won the Men's singles Wimbledon open 2009 held in June/July 2009?
1) Mike Bryan 2) Daniel Nestor
3) Andy Roddick 4) Roger Federer
5) None of these
26. Which of the following represents the Cash Reserve Ratio at present?
1) 8% 2) 6% 3) 7%
4) 5% 5) None of these
27. Who amongst the following actresses was awarded IIFA Award 2009 for her role in 'Fashion'?
1) Celina Jaitley 2) Aishwarya Rai Bachchan
3) Asin 4) Priyanka Chopra
5) None of these
28. Who amongst the following is the author of the book "Small is Beautiful"?
1) Ben Okri 2) Ernest Schumacher
3) Dominique Lapierre 4) Gunter Grass
5) Sidney Sheldon
29. Which of the following awards is given by an Indian organization?
1) Normon Borloug Award
2) OSCAR Award
3) Ramon Magsaysay Award
4) Pulitzer Prize
5) Man Booker Prize
30. Which of the following schemes/products launched by the banks to provide instant loan facility to the farmers?

Test-II

General English

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

Once upon a time a dishonest king had a man call the Valuer in his court. The Valuer **set the price** which ought to be paid for horses and elephants and the other animals. He also set the price on jewellery and gold, and things of that kind. This man was **honest and just, and set the proper price to be paid to the owners of the goods.** The king, however, was not pleased with this Valuer, because he **was honest.** "If I had another sort of a man as Valuer, I might **gain more riches,**" he thought.

One day the king saw a stupid, miserly peasant come into the palace yard. The king sent for the fellow and asked him if he would like to be the Valuer. The peasant said he would like the position. So the king had him made Valuer. He sent the honest Valuer away from the palace.

Then the peasant began to set the prices on horses and elephants, upon gold and jewels. He did not know their value, so he would say **anything he chose.** As the king had made him Valuer, the people had to sell **their goods for the price he set.** By and by a horse-dealer **brought five hundred horses to the court of this king.** The Valuer came and said they were worth a mere measure of rice. So the king ordered **the horse-dealer to be given the measure of rice, and the horses to be put in the palace stables.**

The horse-dealer went then to see the honest man who had been the Valuer, and told him **what had happened.** "What shall I do?" asked the horse-dealer. "I think you can give a present to the Valuer which will make him do and say what you want **him to do and say,**" said the man. "Go to him and give him a fine present, then say to him: 'You said the horses are worth a measure of rice, but now tell what a measure of rice is worth! Can you value that standing in your place by the king?'. If he says he can, go with him to the king, and I will be there too."

The horse-dealer thought this was a good idea. So he took a fine present to the Valuer, and said what the other man had told him to say. The stupid Valuer took the present, and said: "Yes, I can go before the king with you and tell what a measure of rice is worth. I can value that now." "Well, let us go at once," said the horse-dealer. So they went **before the king and his ministers in the palace.**

The horse-dealer bowed down before the king, and said: "O King, I have learned that a measure of rice is the value of my five hundred horses. But will the king be pleased to ask the Valuer what is the value of the **measure of rice?**" The king, not knowing what had happened, asked, "How now, Valuer, what are five hundred horses worth?" "A measure of rice, O

- 1) Kisan Credit Card 2) Krishi Bima Yojana
 3) Crop Loan Scheme 4) Corporate Loan Scheme
 5) None of these
31. Which of the following terms is used in the game of Hockey?
 1) Love 2) Tee 3) Spin
 4) No Ball 5) Penalty Stroke
32. Which of the following crops need plenty of water to grow?
 1) Jawar 2) Bajra 3) Tea
 4) Paddy 5) All of these
33. Insurance service provided by various banks is commonly known as _____
 1) Investment Banking 2) Risk Management
 3) Merchant Banking 4) Bancassurance
 5) Micro Finance
34. Who amongst the following Indians is a world professional Billiards champion?
 1) Subroto Paul 2) Pankaj Advani
 3) Parimarjan Negi 4) Baichung Bhutia
 5) Vijender Singh
35. India is a member of which of the following organizations?
 1) ASEAN 2) BRIC 3) OPEC
 4) MERCOSUR 5) NATO
36. Teacher's Day is celebrated on _____
 1) 15th Sept 2) 10th Sept 3) 5th Sept
 4) 15th Oct 5) 10th Oct
37. Which of the following organizations organized its first-ever summit with Pakistan in Brussels in June 2009?
 1) NATO 2) African Union
 3) Commonwealth 4) European Union
 5) None of these
38. Which of the following countries is providing an aid of US \$ 7.5 Billion to Pakistan for the next five years?
 1) Iran 2) Russia 3) China
 4) England 5) USA
39. India and Japan recently agreed to expand their canvas of cooperation in bilateral and international domains. Who amongst the following represented India in this strategic dialogue with Japan?
 1) SM Krishna 2) Pranab Mukherjee
 3) Kamal Nath 4) Kapil Sibbal
 5) Manmohan Singh
40. Which of the following is the book written by V.S. Naipaul?
 1) Higher than Everest
 2) A Passage to England
 3) Affluent Society
 4) All My Yester Years
 5) A House For Mr. Biswas

King!" said he. "Very good, then! If five hundred horses are worth a measure of rice, what is the measure of rice worth?" The measure of rice is worth your whole city," replied the foolish fellow.

The ministers clapped their hands, laughing, and saying, "What a foolish Valuer! How can such a man hold that office? We used to think this great city was beyond price, but this man says it is worth only a measure of rice." Then the king was ashamed, and drove out the foolish fellow. "I tried to please the king by setting a low price on the horses, and now see what has happened to me!" said, the Valuer, as he ran away from the laughing crowd.

41. Who did the King appoint as the new Valuer?
 1) A minister 2) A horse merchant
 3) Himself 4) A stingy peasant
 5) None of these
42. Why was the King not happy with the old Valuer?
 1) As the Valuer was not good at his work
 2) As he had dishonoured the King
 3) As the Valuer had been dishonest with the King about the prices that he set for goods
 4) As the King believed that he was not earning much because of the Valuer's honesty
 5) None of these
43. Which of the following words can be used to describe the King?
 (A) Smart
 (B) Dishonest
 (C) Cheat
 1) Only (A) 2) Only (B)
 3) Only (B) and (C) 4) Only (A) and (C)
 5) All the three (A), (B) and (C)
44. What can possibly be the moral of the story?
 1) Slow and steady wins the race
 2) Change is the only permanent thing in life
 3) An honest answer is the sign of true friendship
 4) Haste makes waste
 5) No legacy is so rich as honesty
45. Why did the Ministers laugh at the new Valuer?
 1) As he had sold the King's city at a very low price
 2) As he had displayed his stupidity by quoting a abysmally low price on the King's city
 3) As he had cheated the horse-dealer
 4) As he had not calculated the price of the five hundred horses correctly
 5) None of these
46. What did the new Valuer do when he got the present from the horse-dealer?
 1) He accepted the present and resigned from his post as was requested by the horse-dealer
 2) He accepted the present and agreed to state the worth of a measure of rice in the presence of the King

- 3) He accepted the present and immediately returned the horse-dealers horses
 4) He refused to accept the present from the horse-dealer and asked him to leave the premises.
 5) None of these
47. Which of the following can be said about the old Valuer?
 (A) He was honest.
 (B) He was intelligent.
 (C) He was revengeful.
 1) Only (A) 2) Only (C)
 3) Only (A) and (B) 4) Only (A) and (C)
 5) All the three (A), (B) and (C)
48. What was the worth of a measure of rice according to the new Valuer?
 1) The King's entire city
 2) The King's life
 3) Two horses
 4) Not mentioned in the passage
 5) None of these
49. Why did the horse-dealer go to meet the old Valuer?
 1) As the new Valuer had set a very inappropriate price for his five hundred horses
 2) As his five hundred horses were stolen from him by the King
 3) As he was a very good friend of the old Valuer
 4) As the King had requested him to do so
 5) None of these.
50. What advice did the old Valuer give to the horse-dealer?
 1) He asked the horse-dealer to inquire with the King about the worth of a measure of rice
 2) He asked the horse-dealer to bribe the new Valuer and get his horses back
 3) He asked the horse-dealer to forget about his horses and go in with his life
 4) He asked the horse-dealer to publicize his plight and thus get his horses back
 5) None of these

Directions (Q. 51-53): Choose the word/group of words which is most similar in meaning to the word/group of words printed in bold as used in the passage.

51. **MERE**
 1) much 2) feeble 3) costly
 4) large 5) meager
52. **SET**
 1) placed 2) designed 3) adjusted
 4) decided 5) trimmed
53. **GAIN**
 1) profit 2) sell 3) acquire
 4) money 5) result

Directions (Q. 54-55): Choose the word/group of words which is most opposite in meaning to the word/group of words printed in bold as used in the passage.

54. PLEASE
 1) annoy 2) wrong 3) request
 4) satisfy 5) force

55. STUPID
 1) majestic 2) intelligent 3) bold
 4) angry 5) dunce

Directions (Q. 56-60): 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) The woodcutter thankfully broke off from work and sat down to eat the delicious meal that his wife had sent for him. (4)
 (B) He was in a good mood that particular morning and soon started singing as he swung his axe at the log of wood in front of him. (2)
 (C) After he had eaten his meal and taken rest for a while the woodcutter got back to work. (6)
 (D) The hours passed and the sun became hotter than ever and very soon perspiration started breaking out on the woodcutter's hands and face. (3)
 (E) One hot summer's morning a woodcutter was hard at work, chopping wood into small pieces, so that he could sell them in the market. (1)
 (F) As it neared afternoon, his wife sent their little son to him with food for the afternoon. (5)

56. Which of the following should be the **FOURTH** sentence after rearrangement?
 1) F 2) E 3) D
 4) C 5) B

57. Which of the following should be the **FIRST** sentence after rearrangement?
 1) A 2) B 3) C
 4) D 5) E

58. Which of the following should be the **SECOND** sentence after rearrangement?
 1) A 2) B 3) C
 4) D 5) F

59. Which of the following should be the **LAST (SIXTH)** sentence after rearrangement?
 1) A 2) B 3) C
 4) D 5) E

60. Which of the following should be the **THIRD** sentence after rearrangement?
 1) A 2) B 3) C
 4) D 5) E

Directions (Q. 61-65): Which of the phrases 1), 2), 3) and 4) given below each sentence should replace the phrase printed in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given and no correction is required, mark 5) as the answer.

61. As it was already afternoon, Rohan decided to check out of the hotel and go home.

- 1) for checking out 2) to checking out
 3) to check outing 4) to checked out
 5) No correction required

62. Five people **which** ignored an evacuation order were trapped in a mountain region encircled by a wildfire.

- 1) who ignored an 2) those ignoring an
 3) who ignores a 4) that ignored a
 5) No correction required

63. Since she was the most popular model on the ramp, she thought **no end** to herself.

- 1) no ending to herself 2) no ends of herself
 3) no end of herself 4) no end with herself
 5) No correction required

64. The actress says that she is not comfortable **walk** into the ramp in designer-wear.

- 1) to walks on 2) walking down
 3) walking with 4) walks to
 5) No correction required

65. Not many bank on the power of realism and comedy to make an impression and so, when one does, it **makes head turns**.

- 1) making heads turn 2) make head turnings
 3) making heads turning 4) makes heads turn
 5) No correction required

Directions (Q. 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 which is wrongly spelt or inappropriate if any. 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. The city's fashion-conscious ladies came together at a

city hotel to check out an **exhibition** by various designers and labels. All correct
 1) 2) 3) 4)
 5)

67. The ministry's **proposal** for an autonomous overarching

authority for higher education and research was finally **approval**. All correct
 1) 2) 3) 4) 5)

68. Silense is to retreat in wordless prayer, gazing out the

window of your heart, and going for slow **meandering** walks in a garden. All correct
 1) 2) 3) 4) 5)

69. A majority of Army tanks continue to **grope** in the dark,

1)

stricken as they are with an acute case of night

- 2) 3)

blindness. All correct.

- 4) 5)

70. Back home, the ever affable Bollywood singer shares

1)

the excitement of having performed at the Royal Hall in

- 2) 3) 4)

London. All correct

5)

Directions (Q. 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.

There was once a gardener who (71) care of the King's garden. In the garden, lived a family of monkeys. Seeing the gardener at work, the monkeys soon (72) to imitate him. As the gardener tended the plants and weeded and watered the garden, he was amused to see that the monkeys also did (73) what he did. The gardener was happy that he had so much unpaid help.

One day the gardener wanted to (74) a fair in the city. He had an idea. He called the chief of the monkeys and said to him, "I have to go out for the day. Can you and your family water my plants like you (75) do? I promise you that if you help me I will (76) sweets for you from the fair." The monkeys agreed. But after the gardener had left, they had a (77). How much water were they to pour for each plant? Then one of them said, "For plants with big roots, we must pour (78) of water and for the ones with small roots, we pour only a little water." So, the monkeys (79) out each plant and then pushed it back again after looking at the root. As a result, many plants (80) and died. On his return, the gardener realized that he had been very foolish to trust a bunch of mere monkeys to do his job.

- | | | |
|---|--|--|
| 71. <input checked="" type="checkbox"/> 1) took | 2) was | 3) great |
| 4) handle | 5) mended | |
| 72. <input checked="" type="checkbox"/> 1) try | 2) told | <input checked="" type="checkbox"/> 3) were |
| <input checked="" type="checkbox"/> 4) bent | 5) learnt | |
| 73. <input checked="" type="checkbox"/> 1) main | <input checked="" type="checkbox"/> 2) exactly | 3) many |
| 4) because | 5) too | |
| 74. <input checked="" type="checkbox"/> 1) call | 2) make | 3) stall |
| 4) go | <input checked="" type="checkbox"/> 5) visit | |
| 75. <input checked="" type="checkbox"/> 1) forcefully | 2) hardly | <input checked="" type="checkbox"/> 3) usually |
| 4) costly | 5) truly | |
| 76. <input checked="" type="checkbox"/> 1) ask | <input checked="" type="checkbox"/> 2) bring | 3) got |
| 4) throw | 5) create | |
| 77. <input checked="" type="checkbox"/> 1) party | 2) time | 3) answer |
| <input checked="" type="checkbox"/> 4) doubt | 5) water | |
| 78. <input checked="" type="checkbox"/> 1) body | 2) many | <input checked="" type="checkbox"/> 3) lots |
| 4) weight | 5) quantity | |
| 79. <input checked="" type="checkbox"/> 1) thrashed | 2) saw | 3) stick |

- | | | |
|---|-------------|-----------|
| 4) pulled | 5) splashed | |
| 80. <input checked="" type="checkbox"/> 1) withered | 2) crushed | 3) killed |
| 4) grew | 5) smiled | |

Test-III

Quantitative Aptitude

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

81. $3.05\% \text{ of } 1200 + 6.4\% \text{ of } 800 = ?$
 1) 36.6 2) 51.2 3) 87.8
 4) 14.6 5) None of these
82. $14 \times 4.5 - 7.4 \times 3.5 = ?$
 1) 44.5 2) 35.1 3) 88.9
 4) 37.1 5) None of these
83. $4\frac{2}{5} \times 3\frac{1}{3} - ? = 5\frac{1}{3}$
 1) $8\frac{1}{3}$ 2) $9\frac{2}{3}$ 3) $6\frac{2}{3}$
 4) $7\frac{1}{3}$ 5) None of these
84. $7995 \div 123 \div 5 = ?$
 1) 325 2) 65 3) 13
 4) 70 5) None of these
85. $62.18 + 169.35 + 3046.81 = ?$
 1) 3305.34 2) 3277.44 3) 3638.34
 4) 3278.44 5) None of these
86. $\sqrt{?} + 19^2 = 21^2$
 1) 6400 2) 4 3) 64
 4) 16 5) None of these
87. $6\frac{1}{2} + 5\frac{1}{4} \times 1\frac{3}{7} = ?$
 1) $14\frac{1}{5}$ 2) $13\frac{1}{3}$ 3) 14
 4) 15 5) None of these
88. $\frac{3}{5} \text{ of } \frac{5}{7} \text{ of } \frac{2}{9} \text{ of } 630 = ?$
 1) 90 2) 75 3) 45
 4) 60 5) None of these
89. $125\% \text{ of } 200 + 36\% \text{ of } 350 = ?$
 1) 451 2) 126 3) 227
 4) 325 5) None of these
90. $\frac{28 \times 5 - 14 \times 4}{8^2 + \sqrt{225} + (14)^2} = ?$
 1) $\frac{27}{83}$ 2) $\frac{84}{275}$ 3) $\frac{84}{285}$

- 4) $\frac{42}{275}$ 5) None of these
91. $\frac{3}{7}$ of 413 + $\frac{2}{5}$ of 615 = ?
 1) 541 2) 423 3) 792
 4) 433 5) None of these
92. $7865 - 4128 + 372 = ? + 2014$
 1) 2095 2) 2905 3) 1915
 4) 2005 5) None of these
93. 45% of 240 + 7% of 360 = 234
 1) 45 2) 35 3) 30
 4) 40 5) None of these
94. $7986 \div 165 \times 7 = ?$
 1) 338.8 2) 55.4 3) 6.91
 4) 302.2 5) None of these
95. $4495 \div 145 \times 656 \div 16 = ?$
 1) 1312 2) 72 3) 0.76
 4) 0.41 5) None of these
- Directions (Q. 96-100): What should come in place of the question mark (?) in the following number series?
96. 4 6 16 54 ?
 1) 280 2) 232 3) 228
 4) 224 5) None of these
97. 5 39 272 1631 ?
 1) 4892 2) 6523 3) 8154
 4) 9785 5) None of these
98. 768 192 48 12 ?
 1) 2 2) 3 3) 4
 4) $\frac{1}{3}$ 5) None of these
99. 12 16 32 68 ?
 1) 84 2) 168 3) 104
 4) 128 5) None of these
100. 7 15 32 67 ?
 1) 138 2) 198 3) 137
 4) 264 5) None of these
101. A sum of money fetches Rs 408 as compound interest at the rate of 4 p.c.p.a. at the end of two years. What is the sum?
 1) Rs 6,000 2) Rs 5,000 3) Rs 4,000
 4) Can't be determined 5) None of these
102. A train running at a speed of 60 kmph crosses a platform double its length in 32.4 seconds. What is the length of the platform?
 1) 180 metres 2) 240 metres 3) 360 metres
 4) 90 metres 5) Cannot be determined
103. Three-seventh of a number is equal to 45 per cent of another number. What is the respective ratio between the first and the second numbers?
 1) 21 : 20 2) 20 : 21 3) 45 : 100
 4) 45 : 300 5) None of these

104. Vishal sold an article for Rs 1,840 and made 15 per cent profit on the discounted price he bought. If the discount was 20 per cent, what was the original price?
 1) Rs 1,900 2) Rs 1,600 3) Rs 2,400
 4) Can't be determined 5) None of these
105. The sum of the average of three consecutive odd numbers and three consecutive even numbers is 21. If the highest even number is 16, what is the lowest odd number?
 1) 5 2) 7 3) 9
 4) 11 5) None of these
106. The ratio between the male and female existing employees in an organization is 7 : 3. The ratio between the male and female new recruits of 240 is 5 : 7. What will be new ratio between male and female employees after the recruits join the organization?
 1) 6 : 5 2) 5 : 4 3) 3 : 2
 4) Can't be determined 5) None of these
107. The total cost of 45 pens and 24 pencils is Rs 675. What is the total price of 8 pens and 15 pencils?
 1) Rs 225 2) Rs 245 3) Rs 337.5
 4) Can't be determined 5) None of these
108. Which of the following has the fractions in ascending order?
 1) $\frac{2}{7}, \frac{3}{5}, \frac{5}{11}, \frac{6}{17}$ 2) $\frac{2}{7}, \frac{6}{17}, \frac{5}{11}, \frac{3}{5}$
 3) $\frac{6}{17}, \frac{2}{7}, \frac{5}{11}, \frac{3}{5}$ 4) $\frac{2}{7}, \frac{6}{17}, \frac{3}{5}, \frac{5}{11}$
 5) None of these
109. The average of five consecutive odd numbers is 84 per cent of the highest number. What is the sum of the first two of these numbers?
 1) 64 2) 32 3) 36
 4) 44 5) None of these
110. Nikhil spent 45% of his monthly stipend on food and transport, 20% of the remaining on books and half of the remaining on other expenses. If he is left with Rs 880 now, how much is his monthly stipend?
 1) Rs 6,000 2) Rs 4,500 3) Rs 3,000
 4) Rs 3,600 5) None of these
111. What is the average of the following numbers?
 42 34 56 58 60
 1) 38 2) 45 3) 55
 4) 52 5) None of these
112. 65% of a number is more than its 36% by 58. What is 23% of that number?
 1) 66 2) 69 3) 48
 4) 46 5) None of these
113. 18 women can complete a work in 12 days and 12 men can complete the same work in 9 days. In how many days will 8 men and 8 women complete that work?

- 1) 9 2) 6 3) 12
4) 8 5) None of these

114. The ratio between the ages of a father and his son four years ago was 19:6. If the difference between the ages of the father and son is 26 years, what will be the ratio of their present ages?

- 1) 21 : 8 2) 23 : 8 3) 23 : 10
4) 27 : 14 5) None of these

115. The digit in the tenth's place in a two-digit number exceeds the digit in the unit's place by 3. If the sum of the digits is 7, what is definitely the number?

- 1) 25 2) 52 3) 43
4) Can't be determined 5) None of these

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

No. of Marks obtained by Five Students in Five Subjects in an Examination
(Total marks in all the five subjects are 200)

Subject → Students ↓	Eng- lish	Mathe- matics	His- tory	Geog- raphy	Scie- nce
A	115	180	120	90	140
B	170	105	150	135	100
C	102	108	132	110	90
D	98	106	162	148	120
E	163	125	136	124	115

116. The total marks obtained by B in English and History together was approximately what percentage of marks obtained by E in English?

- 1) 150 2) 100 3) 200
4) 250 5) 175

117. Marks obtained by C in History was approximately what percentage of marks obtained by A in Geography?

- 1) 167 2) 67 3) 133
4) 33 5) 150

118. Who among them secured highest total marks in English, History and Geography?

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

119. If the minimum pass percentage is 50 in each subject to be declared pass in the examination, how many of them failed in the examination?

- 1) None 2) 2 3) 1
4) 3 5) 4

120. Who among them secured highest total percentage of marks?

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

Test-IV

Reasoning Ability

121. How many such pairs of letters are there in the word PREAMBLE 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

122. In a certain code MEADOWS is written as RVNENFB. How is PRIESTS written in that code?

- 1) RSRFQSJ 2) RSRDQSJ 3) RRSFQSJ
4) RSRFJSQ 5) None of these

123. In a certain code BAKE is written as '3@#7' and BIND is written as '342%'. How is DEAN written in that code?

- 1) %@72 2) %7@2 3) #7@2
4) %7#2 5) None of these

124. The positions of the first and the sixth digits in the number 5310694728 are interchanged. Similarly the positions of the second and the seventh digits are interchanged and so on. Which of the following will be the third from the right end after the rearrangement?

- 1) 1 2) 3 3) 7
4) 0 5) None of these

125. 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) Hut 2) Building 3) Tent
4) Mansion 5) Cave

126. In a certain code language, 'when did you come' is written as 'ha na ta pa' and 'did you go there' is written as 'sa re ta ha'. How is 'come' written in that code language?

- 1) na 2) pa 3) ha
4) Data inadequate 5) None of these

127. How many meaningful English words can be made with the letters EPRO using each letter only once in each word?

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

128. 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) 108 2) 72 3) 96
4) 36 5) 168

129. In a row of thirty-seven boys facing South, R is eighth to the right of T who is fourteenth to the left of D. How many boys are there between D and R in the row?

- 1) 4 2) 6 3) 8
4) Data inadequate 5) None of these

130. The positions of how many digits in the number 351462987 will remain unchanged after the digits are rearranged in ascending order within the number?

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

Directions (Q. 131-135): Study the following arrangement carefully and answer the questions given below:

F@39H©ADI%4E★\$MK2URP5Wδ81TJV7

131. How many such symbols are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by a letter?

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

132. 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) D%© 2) δ8R 3) TV8
4) AIH 5) E%\$

133. If all the symbols in the above arrangement, are dropped, which of the following will be the twelfth from the left end?

- 1) 4 2) K 3) 2
4) U 5) None of these

134. How many such consonants are there in the above arrangement, each of which is immediately preceded by a number and not immediately followed by a letter?

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

135. Which of the following is the tenth to the left of the sixth from the right end of the above arrangement?

- 1) % 2) \$ 3) K
4) P 5) None of these

Directions (Q. 136-140): In each of the questions below are given four statements followed by three conclusions numbered I, II & III, 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.

136. Statements: Some skies are rains.
Some rains are stars.
All stars are planets.
All planets are clouds.

Conclusions: I. Some clouds are rains.
II. Some planets are skies.
III. Some planets are rains.

- 1) Only I and II follow
2) Only I and III follow
3) Only II and III follow
4) All I, II and III follow
5) None of these

137. Statements: All birds are goats.
No goat is flower.

Some flowers are mountains.

Some mountains are nets.

Conclusions: I. Some nets are goats.

II. No net is goat.

III. Some mountains are birds.

- 1) None follows
2) Only I follows
3) Only either I or II follows
4) Only II follows
5) Only III follows

138. Statements: All spoons are bowls.

All bowls are pans.

All pans are sticks.

All sticks are knives.

Conclusions: I. Some knives are pans.

II. Some sticks are bowls.

III. Some pans are spoons.

- 1) Only I and II follow 2) Only II and III follow
3) Only I and III follow 4) All I, II and III follow
5) None of these

139. Statements: All threads are walls.

All lamps are walls.

Some kites are lamps.

Some lamps are rays.

Conclusions: I. Some kites are threads.

II. Some kites are walls.

III. Some lamps are threads.

- 1) None follows 2) Only I follows
3) Only II follows 4) Only III follows
5) Only I and III follow

140. Statements: Some tables are chairs.

Some chairs are wheels.

Some wheels are boards.

Some boards are chalks.

Conclusions: I. Some chalks are wheels.

II. Some boards are chairs.

III. Some wheels are tables.

- 1) None follows 2) Only I follows
3) Only II follows 4) Only III follows
5) Only II and III follow

Directions (Q. 141-145): In each question below is given a group of letters followed by four combinations of digits/symbols numbered 1), 2), 3) and 4). You have to find out which of the combinations correctly represents the group of letters based on the following coding system and the conditions that follow and mark the number of that combination as your answer. If none of the combinations correctly represents the group of letters, mark 5) i.e. 'None of these' as your answer.

Letter: D F A M Z E G Q U I O Y K N

Digit/Symbol Code: # ★ 1 3 2 4 @ 5 © 6 % 7 \$ 8

Conditions :

- (i) If the first letter is a consonant and the last letter is a vowel, their codes are to be interchanged.
- (ii) If both the first and the last letters are vowels, both are to be coded as the code for the first letter.
- (iii) If both the first and the last letters are consonants, both are to be coded as 'S'.

141. IDZQGY
 1) 6#25@7 2) 7#25@6 3) 62#5@7
 4) 6#25@6 5) None of these
142. MZAEIK
 1) 32146S 2) S21463 3) S21468
 4) 321463 5) None of these
143. GQEIFM
 1) @546★3 2) S546★3 3) 3546★@
 4) @546★@ 5) None of these
144. UFEQYO
 1) ©★457% 2) ©★457© 3) %★457©
 4) %★457% 5) None of these
145. NEMDYI
 1) 843#76 2) 843#78 3) S43#78
 4) 643#78 5) None of these

Directions (Q. 146-150): Study the following information carefully and answer the questions given below :

A, B, C, D, E, F and G are the only seven members of a family. There are three females among them. There are two married couples in the family. Each of them has a different profession from -Architect, Lawyer, Doctor, Teacher, Engineer, Manager and Musician, not necessarily in the same order.

B is the Lawyer and he is married to F, the Manager. A is brother of G who is the Architect. C is the Doctor and is an unmarried lady. D is the Teacher and is sister of G. E is not an Engineer.

146. Which of the following combinations is definitely correct?
 1) B - Male - Manager 2) B - Female - Lawyer
 3) C - Female - Musician 4) E - Male - Musician
 5) D - Male - Architect
147. Which of the following combinations represents the husbands of the two married couples?
 1) BG 2) AF 3) BE
 4) Data inadequate 5) None of these
148. What is E's profession?
 1) Doctor 2) Musician 3) Teacher
 4) Data inadequate 5) None of these
149. What is A's profession?
 1) Engineer 2) Musician
 3) Engineer or Musician 4) Data inadequate
 5) None of these
150. Which of the following pairs is a married couple?

- 1) BG 2) AE 3) AC
 4) Data inadequate 5) None of these

Directions (Q. 151-155): In the following questions, the symbols \$, #, @, © and % are used with the following meaning as illustrated below:

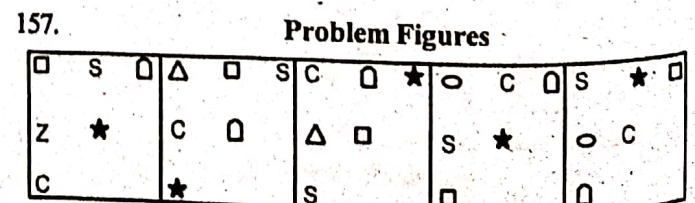
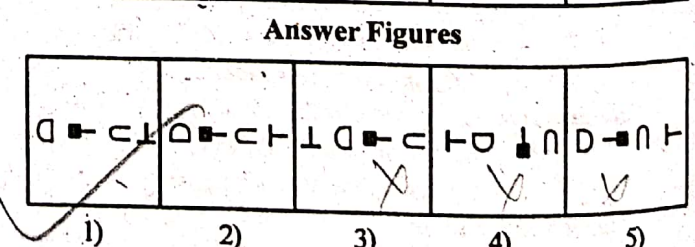
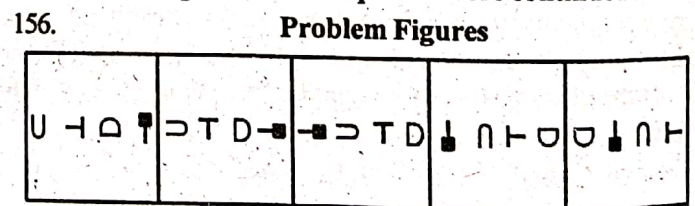
- 'P @ Q' means 'P is not smaller than Q'.
- 'P \$ Q' means 'P is not greater than Q'.
- 'P % Q' means 'P is neither greater than nor equal to Q'.
- 'P # Q' means 'P is neither smaller than nor equal to Q'.
- 'P © Q' means 'P is neither smaller than nor greater than Q'.

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 Conclusion I or II is true.
- 4) if neither Conclusion I nor II is true.
- 5) if both Conclusions I and II are true.

151. Statements : H @ M, M \$ D, D % N ①
 Conclusions : I. N # M II. N © H
152. Statements: R # T, T @ J, J © B ②
 Conclusions: I. B \$ T II. J % R
153. Statements: M \$ K, K # W, R @ W ③
 Conclusions: I. M % W II. R # K
154. Statements: Z © T, T % D, D # K ⑤
 Conclusions: I. K % Z II. D # Z
155. Statements: A % F, F © R, R \$ B ⑤
 Conclusions: I. A % B II. B @ F

Directions (Q. 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?



Answer Figures

C	o	□	★	o	o	S	★	o	S	★	S	o	★
★	S	S	□	□	□	□	□	□	□	□	□	□	□
□	□	□	□	□	□	□	□	□	□	□	□	□	□

1) 2) 3) 4) 5)

Problem Figures

158.

★	S	S	o	o	S	S	△	△	S
□	o	★	□	Z	△	o	Z	o	★
△	o	Z	△	★	□	o	★	o	Z
Z	□	□	o	o	□	□	□	□	□

Answer Figures

S	★	S	★	o	△	S	△	o	★
△	o	△	o	★	S	★	o	△	S
Z	□	□	o	□	o	Z	o	□	□
o	□	□	Z	□	Z	□	□	o	Z

1) 2) 3) 4) 5)

159. Problem Figures

SOUND	PSUEN	NPSUE	BNSLU	UBNSL
-------	-------	-------	-------	-------

Answer Figures

LUBNS	BJNLG	JUNLS	JUNGS	BUNGS
-------	-------	-------	-------	-------

1) 2) 3) 4) 5)

160. Problem Figures

△	★	D	△	C	★	o	C	S	★
S	o	Z	o	Z	S	D	o	△	o
D	C	C	★	o	S	S	★	o	D

Answer Figures

o	S	★	D	o	S	o	S	D	o
C	o	□	□	C	o	□	□	C	□
D	★	S	o	D	★	D	★	★	S

1) 2) 3) 4) 5)

Test-V

Marketing Aptitude/Computer Knowledge

161. The instructions that tell a computer how to carry out the processing tasks are referred to as computer _____
- 1) programs
2) processors

- 3) input devices
5) None of these

4) memory modules

162. RAM can be thought of as the _____ for the computer's processor.

- 1) factory
2) operating room
3) waiting room
4) planning room
5) None of these

163. C, BASIC, COBOL, and Java are examples of _____ languages.

- 1) low-level
2) computer
3) system programming
4) high-level
5) None of these

164. An area of a computer that temporarily holds data waiting to be processed is _____

- 1) CPU
2) Memory
3) Storage
4) File
5) None of these

165. A _____ is a microprocessor-based computing device.

- 1) personal computer
2) mainframe
3) workstation
4) server
5) None of these

166. You use a(n) _____, such as a keyboard or mouse, to input information.

- 1) output device
2) input device
3) storage device
4) processing device
5) None of these

167. The term _____ designates equipment that might be added to a computer system to enhance its functionality.

- 1) digital device
2) system add-on
3) disk pack
4) peripheral device
5) None of these

168. An email account includes a storage area, often called a(n) _____

- 1) attachment
2) hyperlink
3) mailbox
4) IP address
5) None of these

169. Data becomes _____ when it is presented in a format that people can understand and use.

- 1) processed
2) graphs
3) information
4) presentation
5) None of these

170. A set of computer programs that helps a computer monitor itself and function more efficiently is a/an _____

- 1) Windows
2) System Software
3) DBMS
4) Application Software
5) None of these

171. _____ is the ability of a device to "jump" directly to the requested data.

- 1) Sequential access
2) Random access
3) Quick access
4) All of the above
5) None of these

172. The _____ is the amount of data that a storage device

- can move from the storage medium to the computer per second.
- 1) data migration rate 2) data digitizing rate
 3) data transfer rate 4) data access rate
 5) None of these
173. A _____ converts all the statements in a program in a single batch and the resulting collection of instructions is placed in a new file.
- 1) converter 2) compiler
 3) interpreter 4) instruction
 5) None of these
174. One thousand bytes is a _____.
- 1) kilobyte 2) megabyte
 3) gigabyte 4) terabyte
 5) None of these
175. 'Benchmark' means _____
- 1) Benches for customers to sit
 2) Benches for salesmen to sit
 3) Products displayed on a bench
 4) Set standards
 5) All of the above
176. A Call Centre is _____
- 1) a meeting place for DSAs
 2) a Training Centre for DSAs
 3) a meeting place for customers
 4) Data Centre
 5) a back office set up where customer queries are answered
177. The sequence of a sales process is _____
- 1) Lead generation, Call, Presentation & Sale
 2) Sale, Presentation, Lead generation & Call
 3) Presentation, Lead generation, Sale & Call
 4) Lead Generation, Call, Sale & Presentation
 5) There is no sequence required
178. 'Value-added services' means _____
- 1) Better value at a premium
 2) Costlier services
 3) Additional services
 4) Better value at a discount
 5) At par services
179. To 'Close a Call' means _____
- 1) To end the conversation
 2) To put the phone down
 3) To close the doors
 4) To clinch the sale
 5) To close the business
180. A _____ is an additional set of commands that the computer displays after you make a selection from the main menu.
- 1) dialog box 2) submenu
 3) menu selection 4) All of the above
 5) None of these
181. Information kept about a file includes _____.
- 1) print settings 2) deletion date
 3) (1) & (2) only 4) size
 5) None of these
182. _____ provides process and memory management services that allow two or more tasks, jobs, or programs to run simultaneously.
- 1) Multitasking 2) Multithreading
 3) Multiprocessing 4) Multicomputing
 5) None of these
183. The ALU performs _____ operations.
- 1) arithmetic 2) ASCII
 3) algorithm-based 4) logarithm-based
 5) None of these
184. A(n) _____ is software that helps a computer control itself to operate efficiently and keep track of data.
- 1) application system 2) hardware system
 3) software system 4) operating system
 5) None of these
185. 'Customisation' means _____
- 1) Tailor-made products for each customer
 2) Customers selling goods
 3) Tailor-made products for each staff
 4) A selling process
 5) None of these
186. A 'Call' in Marketing language means _____
- 1) Calling on a salesperson
 2) Calling on a customer
 3) Making a phone-call
 4) Telemarketing
 5) None of these
187. Computers manipulate data in many ways, and this manipulation is called _____
- 1) upgrading 2) processing
 3) batching 4) utilizing
 5) None of these
188. A Marketing Survey is required for _____.
- 1) deciding marketing strategies
 2) deciding Product strategies
 3) deciding pricing strategies
 4) All of these
 5) None of these
189. The Target Group for Education Loans is _____.
- 1) all colleges
 2) all parents
 3) research scholars
 4) meritorious students seeking higher education
 5) all of these
190. Cross-selling means _____
- 1) Selling with a cross face
 2) Cross country marketing
 3) Selling other products to existing customers
 4) Selling to friends
 5) Selling to employees

191. Market Segmentation is useful for _____
 1) Preferential marketing
 2) Targeting existing clients
 3) Identifying prospects
 4) Knowing customers' tastes
 5) All of the above
192. The Target Group for Savings Deposit Accounts is _____
 1) Newborn babies 2) students
 3) parents 4) businessman
 5) All of the above
193. Market Segmentation can be resorted to by means of _____
 1) segmenting by age
 2) segmenting by income
 3) segmenting geographically
 4) All of these
 5) None of these
194. The Target Group for a Car Loan is _____
 1) all auto drivers
 2) all auto dealers
 3) all car owners
 4) any individual needing a car ✓
 5) All of these
195. Market Information means _____
 1) knowledge of industries
 2) knowledge of households
 3) knowledge of peers
 4) knowledge of customers' tastes ✓
 5) All of these

196. Bancassurance means _____
 1) Banks promising to give loans
 2) Bank promising to pay interest
 3) Banks selling insurance products
 4) Assurance to repay loans
 5) None of these
197. The Target Group for Agricultural Loans is _____
 1) any farmer
 2) farm labourers
 3) any individual dealing in agricultural or related activity ✓
 4) farmers' societies
 5) All of these
198. The Target Group for Credit Cards is _____
 1) existing cardholders
 2) all graduates
 3) all minors
 4) individuals with taxable income ✓
 5) All of these
199. Market Segmentation means _____
 1) segmenting the salesmen
 2) segmenting the employees
 3) segmenting the customers as per their needs
 4) segmenting the products
 5) All of these
200. A 'Target Group' means _____
 1) a group of sellers
 2) a group of buyers
 3) a group of products
 4) a group of persons to whom sales should be focused
 5) All of these

Answers and explanations

1. 5 ✓ 2. 3 ✓ 3. 5 ✓ 4. 2 ✓ 5. 4 ✓ 6. 2 ✓
 7. 2 ✓ 8. 1 ✓ 9. 2 ✓ 10. 1 ✓ 11. 1 ✓ 12. 3 ✓
 13. 3 ✓ 14. 1 ✓ 15. 3 ✓ 16. 1 ✓ 17. 5 ✓ 18. 1 ✓
 19. 1 ✓ 20. 2 ✓ 21. 5 ✓ 22. 3 ✓ 23. 3 ✓ 24. 4 ✓
 25. 4 ✓ 26. 4 ✓ 27. 4 ✓ 28. 2 ✓ 29. 1 ✓ 30. 1 ✓
 31. 5 ✓ 32. 4 ✓ 33. 4 ✓ 34. 2 ✓ 35. 2 ✓ 36. 3 ✓
 37. 4 ✓ 38. 5 ✓ 39. 1 ✓ 40. 5 ✓ 41. 4 ✓ 42. 4 ✓
 43. 2 ✓ 44. 5 ✓ 45. 2 ✓ 46. 2 ✓ 47. 3 ✓ 48. 1 ✓
 49. 1 ✓ 50. 1 ✓ 51. 5 ✓ 52. 4 ✓ 53. 3 ✓ 54. 1 ✓
 55. 2 ✓
 (56-60): E B D F A C
 56. 1 ✓ 57. 5 ✓ 58. 2 ✓ 59. 3 ✓ 60. 4 ✓ 61. 5 ✓
 62. 1 ✓ 63. 3 ✓ 64. 2 ✓ 65. 4 ✓
 66. 2; Replace 'exibition' with 'exhibition'.
 67. 4; Replace 'approval' with 'approved'.
 68. 1; Replace 'silense' with 'silence'.
 69. 3; Replace 'ecute' with 'acute'.
 70. 5 ✓ 71. 1 ✓ 72. 5 ✓ 73. 2 ✓ 74. 5 ✓ 75. 3 ✓
 76. 2 ✓ 77. 4 ✓ 78. 3 ✓ 79. 4 ✓ 80. 1 ✓

81. 3; $? = \frac{3.05}{100} \times 1200 + \frac{6.4}{100} \times 800$
 $= 36.6 + 51.2 = 87.8$

82. 4; $? = 14 \times 4.5 - 7.4 \times 3.5$
 $= 63 - 29.9 = 37.1$

83. 5; $\frac{22}{5} \times \frac{10}{3} - ? = \frac{16}{3}$
 $\therefore ? = \frac{44}{3} - \frac{16}{3} = \frac{28}{3} = 9\frac{1}{3}$

84. 3; $? = \frac{7995}{123 \times 5} = 13$

85. 5; $? = 62.18 + 169.35 + 3046.81$
 $= 3278.34$

86. 1; $\sqrt{7} + 19^2 = 21^2$
 or, $\sqrt{7} = 441 - 361 = 80$
 $\therefore ? = (80)^2 = 6400$

$$87. 3; ? = \frac{13}{2} + \frac{21}{4} \times \frac{10}{7}$$

$$= \frac{13}{2} + \frac{15}{2} = \frac{28}{2} = 14$$

$$88. 4; ? = 630 \times \frac{3}{5} \times \frac{5}{7} \times \frac{2}{9} = 60$$

$$89. 5; ? = \frac{125}{100} \times 200 + \frac{36}{100} \times 350$$

$$= 250 + 126 = 376$$

$$90. 2; ? = \frac{28 \times 5 - 14 \times 4}{8^2 + \sqrt{225} + (14)^2}$$

$$= \frac{84}{64 + 15 + 196} = \frac{84}{275}$$

$$91. 2; ? = \frac{3}{7} \times 413 + \frac{2}{5} \times 615$$

$$= 177 + 246 = 423$$

$$92. 1; ? = 7865 - 4128 + 372 - 2014$$

$$= 2095$$

$$93. 2; \frac{45}{100} \times 240 + \frac{?}{100} \times 360 = 234$$

$$\text{or, } 108 + \frac{36 \times ?}{10} = 234$$

$$\text{or, } \frac{36 \times ?}{10} = 234 - 108 = 126$$

$$\therefore ? = \frac{126 \times 10}{36} = 35$$

$$94. 1; ? = \frac{7986}{165} \times 7 = 338.8$$

$$95. 5; ? = \frac{4495}{145} \times \frac{656}{16}$$

$$= 31 \times 41 = 1275$$

$$96. 4; 4 \times 1 + 2 \quad 6 \times 2 + 4 \quad 16 \times 3 + 6 \quad 54 \times 4 + 8 \quad \boxed{224}$$

$$97. 3; 5 \times 8 - 1 \quad 39 \times 7 - 1 \quad 272 \times 6 - 1 \quad 1631 \times 5 - 1 \quad \boxed{8154}$$

$$98. 2; 768 \div 4 \quad 192 \div 4 \quad 48 \div 4 \quad 48 \div 4 \quad 12 \div 4 \quad \boxed{3}$$

$$99. 5; 12 + (2)^2 \quad 16 + (4)^2 \quad 32 + (6)^2 \quad 68 + (8)^2 \quad \boxed{132}$$

$$100. 1; 7 \times 2 + 1 \quad 15 \times 2 + 2 \quad 32 \times 2 + 3 \quad 67 \times 2 + 4 \quad \boxed{138}$$

$$101. 2; \text{Let the sum of money be P.}$$

Now, according to the question,

$$408 = P \left[\left(1 + \frac{4}{100} \right)^2 - 1 \right]$$

$$\text{or, } 408 = P \left[\frac{676}{625} - 1 \right]$$

$$\text{or, } 408 = P \left(\frac{51}{625} \right)$$

$$\therefore P = \frac{408 \times 625}{51} = 5000$$

102. 3; Let the length of the train be x m

\therefore length of the platform = $2x$ m

Total distance covered by the train = $(2x + x) = 3x$ m

Now, according to the question,

$$\frac{3x}{32.4} = 60 \times \frac{5}{18}$$

$$\text{or, } x = 60 \times \frac{5}{18} \times \frac{324}{10 \times 3} = 180 \text{ m}$$

\therefore Length of the platform = $2x = 2 \times 180 = 360$ m

103. 1; Let the numbers be x and y

Now, according to the question,

$$\frac{3}{7}x = 45\% \text{ of } y$$

$$\text{or, } \frac{3}{7}x = \frac{45}{100}y$$

$$\text{or, } \frac{x}{y} = \frac{45}{100} \times \frac{7}{3} = \frac{105}{100} = \frac{21}{20}$$

$\therefore x : y = 21 : 20$

104. 5; Let the original price of the article be Rs x

\therefore discounted price of the article = $x - 20\% \text{ of } x$

$$= x - \frac{20}{100}x = \frac{4}{5}x$$

Now, according to the question,

$$\frac{4}{5}x = 1840 \times \frac{100}{115}$$

$$\text{or, } x = 1840 \times \frac{100}{115} \times \frac{5}{4} = 2000$$

\therefore original price = Rs 2000

105. 1; Let the three consecutive odd numbers be $x, x + 2$ and $x + 4$

Average of three consecutive odd numbers

$$= \frac{x + x + 2 + x + 4}{3}$$

$$= \frac{3x+6}{3} = x+2$$

Three consecutive even numbers = 12, 14 and 16

$$\text{Average} = \frac{12+14+16}{3} = 14$$

Now, according to the question

$$x+2+14=21$$

$$\text{or, } x=21-16=5$$

106.4 ✓

107.4 ✓

$$108.2; \frac{2}{7} = 0.28; \frac{3}{5} = 0.60; \frac{5}{11} = 0.45; \frac{6}{17} = 0.35$$

Ascending order = $0.28 < 0.35 < 0.45 < 0.60$

$$= \frac{2}{7} < \frac{6}{11} < \frac{5}{11} < \frac{3}{5}$$

109.3; Let the five consecutive odd numbers be $x, x+2, x+4, x+6$ and $x+8$.

Now, according to the question,

$$\frac{x+x+2+x+4+x+6+x+8}{5} = 84\% \text{ of } (x+8)$$

$$\text{or, } \frac{5x+20}{5} = \frac{84}{100}(x+8)$$

$$\text{or, } 25x+100=21x+168$$

$$\text{or, } 4x=68$$

$$\therefore x = \frac{68}{4} = 17$$

\therefore sum of the first two numbers

$$= x+x+2 = 2x+2 = 2 \times 17+2 = 36$$

110.5; Let the monthly stipend of Nikhil be Rs x

$$\text{Expenditure on food} = 45\% \text{ of } x = \frac{9x}{20}$$

$$\text{Remaining amount} = x - \frac{9x}{20} = \frac{11x}{20}$$

$$\text{Expenditure on books} = 20\% \text{ of } \frac{11x}{20} = \frac{11}{100}x$$

$$\text{Remaining amount} = \frac{11x}{20} - \frac{11x}{100} = \frac{55x-11x}{100}$$

$$= \frac{44x}{100} = \frac{11x}{25}$$

$$\text{Other expenses} = \frac{11x}{25} \times \frac{1}{2} = \frac{11x}{50}$$

$$\text{Remaining amount} = \frac{11x}{25} - \frac{11x}{50} = \frac{11x}{50}$$

Now, according to the question,

$$\frac{11x}{50} = 880$$

$$\text{or, } x = \frac{880 \times 50}{11} = 4000$$

\therefore required answer = Rs 4000

111.5; Required average

$$= \frac{42+34+56+58+60}{5} = \frac{250}{5} = 50$$

112.4; Let the number be x

Now, according to the question,

$$65\% \text{ of } x - 36\% \text{ of } x = 58$$

$$\text{or, } (65\% - 36\%) \text{ of } x = 58$$

$$\text{or, } 29\% \text{ of } x = 58$$

$$\text{or, } x = \frac{58 \times 100}{29} = 200$$

Now, 23% of the number = 23% of 200 = 46

$$113.1; 18 \text{ w's one day's work} = \frac{1}{12} \quad \dots (i)$$

$$12 \text{ m's one day's work} = \frac{1}{9} \quad \dots (ii)$$

Now dividing equation (i) by equation (ii), we have

$$\frac{18w}{12m} = \frac{1}{12} \times \frac{9}{1} = \frac{9}{12}$$

$$\text{or, } 18 \times 12w = 12 \times 9m$$

$$\text{or, } 2w = 1m$$

$$\text{or, } 1 \text{ man} = 2 \text{ women}$$

$$\text{or, } 8 \text{ men} = 16 \text{ women}$$

$$\therefore 8 \text{ men and } 8 \text{ women} = (16+8) = 24 \text{ women.}$$

$$\therefore 18 \text{ women can complete the work in 12 days}$$

$$\therefore 24 \text{ women can complete the work in } \frac{12 \times 18}{24} = 9 \text{ days}$$

114.1; Let the ages of father and his son four years ago be $19x$ and $6x$ years respectively.

Their present ages = $(19x+4)$ and $(6x+4)$ years

Now, according to the question

$$(19x+4) - (6x+4) = 26$$

$$\therefore x = 2$$

$$\text{Ratio of their present ages} = 19x+4 : 6x+4 = 42 : 16 = 21 : 8$$

115. 2; Let the digit at tenth's place be x and at unit's place be y .

Now, according to the question,

$x - y = 3 \dots$ (i) and

$x + y = 7 \dots$ (ii)

On solving equations (i) and (ii), we have

$x = 5$ and $y = 2$

\therefore required number = 52

116. 3; Required % = $\left(\frac{170+150}{163}\right) \times 100$

= $\frac{320}{163} \times 100 \approx 200$ (Approx.)

117. 5; Required % = $\frac{132}{90} \times 100 \approx 150$ (Approx.)

118. 2; Total marks in English, History and Geography obtained by

A $\rightarrow 115 + 120 + 90 = 325$

B $\rightarrow 170 + 150 + 135 = 455$

C $\rightarrow 102 + 132 + 110 = 344$

D $\rightarrow 98 + 162 + 148 = 408$

E $\rightarrow 163 + 136 + 124 = 423$

119. 4; A, C and D

120. 5;

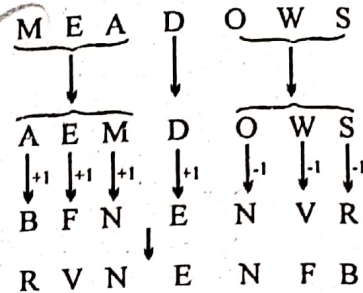
Student	Total Marks	Percentage
A	115 + 180 + 120 + 90 + 140 = 645	$\frac{645}{1000} \times 100 = 64.5$
B	170 + 105 + 150 + 135 + 100 = 660	$\frac{660 \times 100}{1000} = 66$
C	102 + 108 + 132 + 110 + 90 = 542	$\frac{542 \times 100}{1000} = 54.2$
D	98 + 106 + 162 + 148 + 120 = 634	$\frac{634 \times 100}{1000} = 63.4$
E	163 + 125 + 136 + 124 + 115 = 663	$\frac{663 \times 100}{1000} = 66.3$

Clearly, E secured highest total percentage of marks.

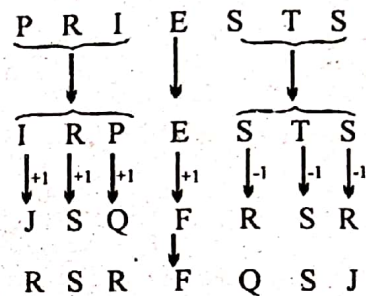
121. 3; P R E A M B L E

Such pairs are BE and AE.

122. 1; As

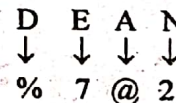


Similarly,



123. 2; As B A K E and B I N D
 $\downarrow \downarrow \downarrow \downarrow \downarrow \downarrow \downarrow \downarrow$
 3 @ # 7 3 4 2 %

Similarly,



124. 1; 5 3 1 0 6 9 4 7 2 8
 9 4 7 2 8 5 3 0 6

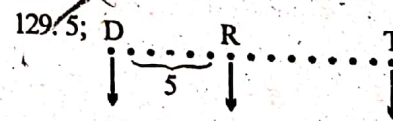
Clearly, third from the right end will be 1

125. 5

126. 4

127. 4; Meaningful words are ROPE, PORE, and REPO.

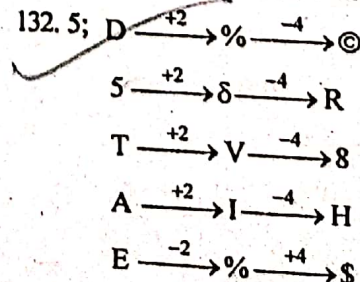
128. 4



Clearly, there are 5 students between D and R.

130. 3; Given Number : 3 5 1 4 6 2 9 8 7
 Number in Ascending order : 1 2 3 4 5 6 7 8 9

131. 1; There is no such combination.



133. 3 ✓
 134. 3; Such combinations are: 9H@ and 5W δ ✓
 135. 2; Tenth to the left of sixth from the right end means
 (10 + 6 =) 16th from the right end is \$. ✓
 136. 2 137. 3 138. 4 139. 3 140. 1 ✓
 141. 1 142. 3 ✓
 143. 5; δ 5 4 6 * δ ✓
 144. 2 145. 4 ✓
 (146-150):

Members	Professions	Gender
A	Engineer	Male
F ↔ B (-) (+)	Lawyer	Male
C	Doctor	Female
D	Teacher	Female (unmarried)
C ↔ E (-) (+)	Musician	Male
F	Manager	Female
G	Architect	Male

146. 4 147. 3 148. 2 149. 1 ✓
 150. 5; FB and CE are married couples. ✓
 (151-155):

- @ ⇒ ≥
 \$ ⇒ ≤
 % ⇒ <
 # ⇒ >
 © ⇒ =

151. 1; H @ M ⇒ H ≥ M ✓
 M \$ D ⇒ M ≤ D ✓
 D % N ⇒ D < N ✓
 ∴ H ≥ M ≤ D < N ✓
Conclusion:
 I. N # M ⇒ N > M (True)
 II. N © H ⇒ N = H (Not True)

152. 5; R # T ⇒ R > T ✓
 T @ J ⇒ T ≥ J ✓
 J © B ⇒ J = B ✓
 ∴ R > T ≥ J = B ✓
Conclusion:
 I. B \$ T ⇒ B ≤ T (True)
 II. J % R ⇒ J > R (True)

153. 4; M \$ K ⇒ M ≤ K ✓
 K # W ⇒ K > W ✓
 R @ W ⇒ R ≥ W ✓
 ∴ M ≤ K > W ≤ R ✓
Conclusion:
 I. M % W ⇒ M < W (Not True)
 II. R # K ⇒ R > K (Not True)

154. 2; Z © T ⇒ Z = T ✓
 T % D ⇒ T < D ✓
 D # K ⇒ D > K ✓
 ∴ Z = T < D > K ✓
Conclusion:
 I. K % Z ⇒ K < Z (Not True)
 II. D # Z ⇒ D > Z (True)

155. 5; A % F ⇒ A < F ✓
 F © R ⇒ F = R ✓
 R \$ B ⇒ R ≤ B ✓
 ∴ A < F = R ≤ B ✓
Conclusion:

- I. A % B ⇒ A < B (True)
 II. B @ E ⇒ B ≥ E (True)

156. 1 157. 4 158. 2 159. 5 160. 3 ✓
 161. 1 162. 3 163. 4 164. 2 165. 1 ✓
 166. 2 167. 4 168. 3 169. 3 170. 2 ✓
 171. 2 172. 3 173. 2 174. 1 175. 4 ✓
 176. 5 177. 1 178. 3 179. 4 180. 1 ✓
 181. 5 182. 1 183. 1 184. 4 185. 1 ✓
 186. 2 187. 2 188. 4 189. 4 190. 3 ✓
 191. 5 192. 3 193. 4 194. 4 195. 5 ✓
 196. 1 197. 3 198. 4 199. 3 200. 4 ✓