REASONING

Directions (1-5) Study the following information carefully and answer the questions given below :

Eight persons—P, Q, R, S, T, U and W— are sitting around a square table, but not necessarily in the same order. Four of them are sitting at the corners while the other four are sitting at the middle of each side. The persons seated at the corners are facing outside while the others are facing towards the centre.

V is sitting third to the left of T who is facing outward. W does not sit at any corner of the table. U is sitting third to the left of Q. W is not an immediate neighbour of Q and U. P is not an immediate neighbour of T. S is sitting third to the right of W.

1. What is the position of R with respect to P on the basis of the given sitting arrangement ?
   (1) To the right
   (2) Second to the right
   (3) Immediate left
   (4) Third to the left
   (5) Fourth to the right

2. Which of the following statements is correct regarding V as per the given sitting arrangement ?
   (1) V is sitting third to the left of W.
   (2) V is sitting exactly between Q and S.
   (3) V is a neighbour of both R and W.
   (4) None is true

3. Four of the following five are alike in a certain way based on their position in the given arrangement and hence

they form a group. Which one of the following does not belong to that group ?
   (1) S   (2) Q
   (3) R   (4) T
   (5) U

4. Who among the following is sitting third to the right of S ?
   (1) R   (2) V
   (3) W   (4) T
   (5) Q

5. How many persons are sitting between Q and U if we move in clockwise direction starting from Q ?
   (1) Two   (2) Six
   (3) Three   (4) Five
   (5) Four

Directions (6-10) Study the following information carefully and answer the questions given below :

Ten persons are sitting in two parallel rows containing five persons each, in such a way that there is an equal distance between adjacent persons. In Row – 1, T, U, V, W and X are seated and all of them are facing south. Therefore, in Row – 2, E, F, G, H and I am seated and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.

T is sitting second to the left of V. The person who faces V is third to the left of E. W is sitting second to the right of X. I is sitting between F and E. T does not face G. U is at the extreme left of the row and the row.

6. Four of the following five are alike in a certain way based on the given arrangement and hence they form a group. Which one of the following does not belong to that group ?
   (1) F   (2) U
   (3) V   (4) G
   (5) U

7. Who among the following is sitting third to the right of I ?
   (1) G   (2) E
   (3) H   (4) W
   (5) None

8. Which of the following statements is correct regarding W ?
   (1) W is facing E.
   (2) W is sitting between T and X
   (3) W is sitting at one of the extreme ends of the row
   (4) T and V are immediate neighbours of W
   (5) None is true

9. Which of the following pairs of persons are immediate neighbours of S ?
   (1) H and I   (2) G and H
   (3) F and I   (4) T and H
   (5) G and U

10. Which of the following statements is/are correct regarding S as per the given seating arrangement ?
    (1) G faces S
    (2) P is sitting to the immediate left of G
    (3) F is facing X
    (4) H P is sitting third to the right of H
    (5) All are true

Directions (11-15) Study the following information carefully and answer the questions given below :

Six friends—Hetal, Jayshree, Rohini, Meena, Nehu and Swati, stay in different areas of a city i.e. Dadar, Matunga, Worli, Vithura, Thane and Kanjurmarg not necessarily in the same order. All six have different hobbies which include singing, dancing, drawing, travelling, cooking and reading but not necessarily in the same order.

Hetal stays in Vikhroli and her hobby is rather dancing nor reading. The one whose hobby is travelling stays in Mulund. Jayshree's hobby is drawing and she does not stay in either Dadar or Matunga. Meena stays in Kanjurmarg and her hobby is cooking. Rohini likes reading but she and Nidhi do not stay in Matunga.

11. Whose hobby is singing?
(1) Singing
(2) Dancing
(3) Reading
(4) Travelling
(5) None of these

12. Whose hobby is singing?
(1) Nidhi
(2) Rohini
(3) Meena
(4) Hetal
(5) None of these

13. Whose hobby is travelling?
(1) Hetal   (2) Swati
(3) Nidhi   (4) Rohini
(5) None of these

14. Where does Jayshree stay?
(1) Thane   (2) Dadar
(3) Kanjurmarg
(4) Mulund
(5) None of these

15. Where does Rohini stay?
(1) Thane   (2) Mulund
(3) Dadar   (4) Matunga
(5) None of these

Directions (16–20) : Each of the questions below consists of a question and two statements numbered I and II are given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and —

Give answer (1) if the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.

Give answer (2) if the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.

Give answer (3) if the data in both the Statements I and II together are necessary to answer the question.

Give answer (4) if the data in both the statements I and II together are not sufficient to answer the question.

Give answer (5) if the data in both Statements I and II together are sufficient to answer the question.

16. What is the code for 'health' in the code language ?
I. In the code language 'walk be health' is written as 'be pa ta'.
II. In the code language 'morning walk improves health' is written as 'pa ra ka lo'.

17. How is Shobhada related to Ravindra ?
I. Shobhada's mother is the only daughter of Ravindra's father.
II. Shobhada is the only grand-daughter of Ravindra's father.

18. 'H' is in which direction with respect to 'L' ?
I. 'L' is to the East of 'M' which is to North of 'H'.
II. 'L' is to the North of 'J' which is to the East of 'H'.

19. Who was the last person to board the train among P, Q, R, S and T ?
I. Q boarded after T and P but not after S.
II. R was not the last person to board.

20. How many children are there in the group ?
I. In descending order of height, Radha is tenth from the top in the group.
II. In ascending order of height, Radha is 20th from the top in the group.

Directions (21 – 25) : The following questions are based on the five three digit numbers given below :

524   984   953   472   698

21. If all the digits of each number is added the sum of which of the following numbers would be an even number ?
(1) 984   (2) 953
(3) 472   (4) 698
(5) 524

22. If in each number the positions of the first and the second digits are interchanged, which of the following will be the second largest number ?
(1) 472
(2) 984
(3) 953
(4) 698
(5) 524

23. In each number, all the three digits are arranged in descending order within the number, which of the following will be the second lowest number ?
(1) 984   (2) 953
(3) 524   (4) 472
(5) 698

24. If one is added to the first digit of each of the numbers, in how many numbers thus formed will the first digit be a perfect square ?
(1) Two   (2) Three
(3) One   (4) Four
(5) None

25. If '1' is added to the first digit of each number and '1' is subtracted from the third digit, which number will be the lowest ?
(1) 984   (2) 472
(3) 953   (4) 698
(5) 524

Directions (26–30) : Study the following arrangement carefully and answer the questions given below it :

R 4 T J M % 6 A 1 N 7 U
E @ 9 H $ 3 # 5 V 1 8 B
W Z

26. Four of the following five are alike in a certain way based on their position in the above arrangement and hence they form a group. Which is the one —

that does not belong to that group?

(1) RAU   (2) MAJ6
(3) FGH   (4) BPK

27. How many such numbers are there in the above arrangement, each of which is immediately preceded by a symbol and immediately followed by a letter?

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

28. If all the numbers are dropped from the above arrangement, which of the following will be twelfth from the left end?

(1) G   (2) ©2
(3) 8   (4) K

29. Four letters have been given in the following series based on the above arrangement?

(1) #IK   (2) ©E©
(3) 8E©   (4) E©*

30. Which of the following is ninth to the right of fifteenth from the right end of the above arrangement?

(1) *   (2) 7#M
(3) 8   (4) K

Directions (31- 35) : In the following questions, the symbols @, $, %, * and # are used with the following meanings 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 smaller than nor equal to Q'

'P*Q' means 'P is neither greater than nor smaller than Q'

'P#Q' means 'P is neither greater than nor equal to Q'

in each question three statements showing relationship have been given, which are followed by two conclusions. Assuming that the given statements are true, find out which conclusions is/are definitely true?

31. Statements :
B%W, W$M
Conclusions :
I. B%M
II. B$M
(1) Only Conclusion I is true
(2) Only Conclusion II is true
(3) Either Conclusion I or II is true
(4) Neither Conclusion I nor II is true
(5) Both Conclusions I and II are true

32. Statements :
D@H, H%K, K#D
Conclusions :
I. D#N
II. H$K
(1) Only Conclusion I is true
(2) Only Conclusion II is true
(3) Either Conclusion I or II is true
(4) Neither Conclusion I nor II is true
(5) Both Conclusions I and II are true

33. Statements :
T#H, T@G, H*Q
Conclusions :
I. T#Q
II. T@G
(1) Only Conclusion I is true
(2) Only Conclusion II is true
(3) Either Conclusion I or II is true
(4) Neither Conclusion I nor II is true
(5) Both Conclusions I and II are true

34. Statements :
M#R, R$T, T@P
Conclusions :
I. R%P
II. T@M
(1) Only Conclusion I is true
(2) Only Conclusion II is true

35. Statements :
W$Q, Q#P, P@R
Conclusions :
I. Q%R
II. W$P
(1) Only Conclusion I is true
(2) Only Conclusion II is true
(3) Either Conclusion I or II is true
(4) Neither Conclusion I nor II is true
(5) Both Conclusions I and II are true

Directions (36- 40) : In each question below are two statements followed by two Conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given Conclusions logically follows from the two statements disregarding commonly known facts.

36. Statements :
Some mangoes are bananas.
Some bananas are apples.
Conclusions :
I. Some apples being mangoes is a possibility.
II. No apple is mango.
(1) Only Conclusion I follows
(2) Only Conclusion II follows
(3) Either Conclusion I or II follows.
(4) Neither Conclusion I nor II follows.
(5) Both Conclusions I and II follow.

37. Statements :
No train is aeroplane.
All aeroplanes are buses.
Conclusions :
I. No bus is train.
II. At least some buses are aeroplanes.

38. No elephant is horse.
Some horses are asses.
Conclusions :
1. No elephant is ass.
2. Some asses being elephant is a possibility.

1. Both Conclusions I and II follow
2. Either Conclusion I or II follows
3. Neither Conclusion I nor II follows
4. Either Conclusion I or II follows
5. Only Conclusion II follows

39. Statements :
Some tables are chairs.
All desks are tables.
Conclusions :
1. At least some tables are chairs.
2. Some desks being chairs is a possibility.

1. Only Conclusion I follows
2. Some tables being a possibility.
3. Only Conclusion II follows
4. Either Conclusion I or II follows
5. Neither Conclusion I nor II follows

40. Statements :
All aeroplanes are trains.
All trains are buses.
Conclusions :
1. At least some buses are aeroplanes.
2. No train is aeroplane.

1. No train is bus.
2. Both Conclusions I and II follow
3. Neither Conclusion I nor II follows
4. Only Conclusion II follows
5. Either Conclusion I or II follows

ENGLISH LANGUAGE

Directions (41–80) : 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.

The trash about the spread, scale and unstoppable momentum of business process outsourcing and **offshoring**. What will be the net impact of outsourcing on American and European economies? How should company executives and union leaders respond to emerging markets? Can or should the offshoring process be reversed? Advantages and disadvantages of outsourcing?

Outsourcing is very controversial and affects every part of business from manufacturing through design, software development, financial control, logistics management, customer support and sales. Outsourcing has been praised as cost-effective, efficient, productive and strategic – but also condemned as evil, money-grabbing, destructive, ruthless, exploiting the poor, destroying communities and nations.

Outsourcing incentives are huge – and can lead to falls in service costs of 50-60%. Up to half of the $19 trillion spent every year by European companies on sales and administration could be outsourced. Despite the publicity, outsourcing is most often to companies in the same nation – for example 355 employees over 600,000 local people in existing buildings, maintenance, facilities management, cleaning and security for hospitals, schools, government buildings, factories and offices.

However, during 1995-2011 there has been a large migration of skilled, semi-skilled and unskilled jobs from high-cost to low-cost nations. Outsourcing has produced labour shortages in many emerging economies. For example, China is now seeing 100% salary inflation in top end and India is not far behind – a shortage of experienced business leadership. Some companies are now thinking of moving operations to places like Pakistan (60% lower costs and over 200,000 IT graduates looking for work), Bangladesh or Vietnam. Changes are happening very quickly. But other corporations are already moving jobs back home – because cost savings have narrowed, and because outsourcing carries risks – in supply chain delays, language and culture challenges, distance management, loss of intellectual capital and so on.

New outsourcing decisions can generate weeks of hostile media coverage, widespread protests and industrial action. The outsourcing issue is so sensitive that decisions are usually taken behind closed doors at the most senior levels in the organisation, and only announced after much careful research into how the proposals are likely to be received.

If handled badly, business process outsourcing can damage corporate image, weaken a brand, unsettle customers, and result in lower quality of products and services. But when handled well, the results can be good enough to save a failing corporation.

Most outsourcing is by large companies, yet small companies provide most jobs in America and Europe, and most of the economic growth. Big companies create headlines but the greatest impact is elsewhere – almost invisible. The United Kingdom has 3.3 million companies, if each one takes on just one more person on average, the result would be more than 3 million new jobs, and that is what has happened in the last few years, with unemployment at very low levels despite several million people added to the labour force. Yet 6,000 **redundancies** at a factory is instantly seen as a national crisis.

Each outsourced job in India can generate work for more than 20 other people on the ground floor around the national economy, stimulating

ally at a far faster rate than in countries like the United States.

When a product is manufactured in China instead of the United States or Europe, only a small part of the total retail price lands up in that country. Most is taken up before by the retailer, wholesaler, distribution system, research, design and development teams and company owners as profit. So the impact is less than you might expect.

Research shows that some of the new economic activities generated in developing countries by outsourcing will generate new demand for goods and services in the country where the jobs have moved from (eg America). McKinsey Global Institute estimates that for every dollar US corporations spend on outsourcing to India, 33c gets 33c and the US economy benefits by $1.14. This is based on several assumptions; that 69% of displaced service workers will find new jobs within a year, and will end up earning 96% of their previous wages - backed up by 1979–1999 data. However older workers may be out of work for long, especially if their education is poor.

There are also similar, less encouraging outcomes for corporations which remain home or cede for consumers, and higher dividends for pensioners who own 75% of United States and United Kingdom wealth - that means more money to spend on other things such as local services (meals out, beauty treatments, gardening, decorating etc) and that produces new jobs.

Outsourcing has meant for example that you can buy a DVD player for less than $100. It is one reason why retail costs of products has halved in many sectors over the past 20 years, allowing for inflation. Future economic growth depends on new generations of creative, dynamic entrepreneurs, with good access to venture capital, who will drive national economies through transition.

41. Which of the following statements is correct as per the given information in the passage?

(1) Outsourcing has been praised as cost-effective, efficient, productive and strategic

(2) Outsourcing has been condemned as evil, money-grabbing and ruthless etc.

(3) Up to 69% of the $19 trillion is spent every year by European companies on sales administration

(4) The United Kingdom has 3.3 million consumers.

(5) None of these

42. Outsourcing has produced labour shortages in many coming economies. Some companies are now thinking of moving operations to places like

(1) Pakistan, Russia and Nepal

(2) Pakistan, Japan and Bangladesh

(3) Nepal, Bangladesh, Myanmar and Vietnam

(4) Pakistan, Bangladesh or Vietnam

(5) None of these

43. In which country, as mentioned in the passage, there are 50% more costs of operations and about 200000 IT graduates are looking for work ?

(1) Pakistan

(2) India

(3) Bangladesh

(4) Japan

(5) None of these

44. During which period there has been a large migration of skilled, semi-skilled and unskilled jobs from high cost to low cost nations ?

(1) From 1990 to 1995

(2) From 1993 to 2010

(3) From 1993 to 2011

(4) From 2001 to 2011

(5) None of these

45. According to McKinsey Global estimates, for every dollar US corporations spend on outsourcing to India, the US economy benefits by $1.14. This is

based on some assumptions).

(1) 69% of displaced service workers will find new jobs within a year

(2) They will end up earning 96% of their previous wages

Which of the above statement(s) is/are true?

(1) Only I

(2) None

(3) Only II

(4) Either I or II

(5) Both I and II

46. What should be the best title of this passage in your opinion ?

(1) Advantages of outsourcing

(2) Disadvantages of outsourcing

(3) Advantages and disadvantages of outsourcing

(4) Outsourcing endangers Economy

(5) None of these

Directions (47-48) : Choose the word which is most nearly the SAME in meaning to the word given in **bold** as used in the passage.

47. Offshoring

(1) outsourcing

(2) offshorening

(3) happening in a sea

(4) breezing

(5) do out on the public road

48. Acute

(1) sharp

(2) severe

(3) intense

(4) adamant

(5) aggravated

Directions (49-50) : Choose the word which is most OPPOSITE in meaning to the word printed in **bold** as used in the passage.

49. Redundancies

(1) needless

(2) shortages

(3) reductionism

(4) re-enactment

(5) None of these

50. Generate

(1) produce

(2) create

(3) germinate

(4) deny

(5) revive

51. In order of taking its (1)/ traffic management and community policing capabilities (2)/ up a notch on the streets of the city (3)/ the police are purchasing Segway Patroller Scooters. (4)/ No Error (5)

52. In its site specific ward design study (1)/ the commission have found that the major issues (2)/ faced by the residents of the ward relate to transportation (3)/ parking and solid waste management under local area plan. (4)/ No Error (5)

53. Social media disclose that (1)/ it restricted as many as 4000 items of content (2)/ on the social networking site in India (3)/ in compliance with official requests in the first half of 2014. (4)/ No Error (5)

54. Still struggling to evade , this nascent industry (1)/ has been in news for a variety of reasons (2)/ no matter that it has endure year for tax sorden been witnessing (3)/ to few high profile disproportionate investments (4)/ No Error (5)

55. The last budget changed the rules for taxing debt funds (1)/ thereby providing a disincentive to their investors (2)/ Those who want to invest in the share market are by (3)/ default encouraging to put their money in riskier equities. (4)/ No Error (5)

(A) Mass communication is the process through which firms disseminate information to mass

masses of customers to design products and services tailor made to individual needs.

(B) More powerful computers, detailed databases, robotic production and flexible manufacturing, and interactive communication media such as cell phones and the Internet – all have combined to foster 'mass communication'.

(C) Today however new technologies are permitting many companies to return to customized marketing.

(D) The tailor custom made the suit, the cobbler designed shoes for the individual, the cabinetmaker made furniture to order.

(E) The widespread use of mass marketing has obscured the fact that for centuries consumers were served as individuals.

56. Which of the following should be the **First** sentence after arrangement?
(1) A
(2) B
(3) C
(4) D
(5) E

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

58. Which of the following should be the **Last** sentence after arrangement?
(1) A
(2) B
(3) C
(4) D
(5) E

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

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

61. In order to achieve the **economic growth their people deserves** it must seize the moment by modernisation its labour market.
(1) economic growth its people deserves
(2) economic growth it people deserves
(3) economic growth its people deserve
(4) economic growth its people deserve
(5) No correction required

62. Listening carefully to the TV discussion, one was discovered **two** possible lines of inquiry.
(1) they were discovered two
(2) one discovered two
(3) one is discovering two
(4) someone have discovered two
(5) No correction required

63. The policy hints at a special **package boosting air connectivity** in the North Eastern region, along enhancing regional air connectivity across the country in general.
(1) package to being boosted air connectivity
(2) package boosting to air connectivity
(3) package boosted air connectivity
(4) package to boost air connectivity
(5) No correction required

64. Migratory animals have become the global **flagship to many of the pressing issues** of our time.
(1) flagship for many of the pressing issues
(2) flagship to many of the pressed issues
(3) flagship to much of the pressed issues

(b) No correction required

64. If foundation of any artwork but often gets **recognized as it was over-shadowed** by the numerous elements that create a finished work.

(a) goes recognizing at it was overshadowing

(b) recognized as it was overshadowed

(c) goes unrecognized as it overshadowed

(d) is recognition of as it overshadowed

Direction (66 –70) : Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits the meaning of the sentence as a whole.

66. Without giving any _____ numbers for employees to be affected by the continuous process, the HR of the company said that "it is not that everyone being relieved is a bad performer."

(a) specific, relationship

(b) specific, restructure

(c) specifically, restructuring

(d) unreserved, restructuring

(e) generally, remodeling

67. Inflation has come _____ because of the seasonal fall in vegetable and fruit prices. And it has also been helped by _____ in global commodity prices.

(a) up, down

(b) down, fall

(c) up, increase

(d) down, fall

(e) high, low

68. Talks threatened to head _____ after a seven page draft text was put up on the intended national-settlement constitution and _____ withdrawn after objections from the group.

(a) somewhere, basic

(b) somewhere, readily

(c) nowhere, bad

(d) nonsense, late

(e) sensory, analysis

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69. As authorities debated whether _____ the dispensation, the company that owns the stricken oil tanker said it would buy up the oil that local villagers have _____.

(a) deploying, collecting

(b) deploy, collected

(c) remove, scattered

(d) deploy, delivered

(e) deployed, collected

70. India's biggest _____ is its appropriate timeline with the government to _____ the economy to the centre of the medium term inflation band.

(a) discuss, take

(b) discuss, moving

(c) discussion, take

(d) set, taking

(e) fix, remove

Direction (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 fills the blank appropriately. Find out that appropriate word in each case.

Worldwide, micro, small and medium enterprises (MSMEs) have been **(71)** as the engine of economic growth and for promoting equitable development. MSMEs constitute over 90% of total enterprises in most of the economies and are **(72)** with generating the highest rates of employment growth and account for a major share of industrial production and exports. In India too, the MSMEs play a **(73)** role in the overall industrial economy of the country. MSMEs in this account for more than 30% of the total number of industrial enterprises **(74)** over 6000 value-added products. It is estimated that in terms of value, the sector **(75)** for 45% of the manufacturing output and 40% of the total export of the country and employs over 6 crore people. Further, in recent years the MSME sector has **(76)** registered higher growth rate compared to the overall industrial sector. The major advantage of the sector is its employment potential at low capi-

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tal cost. As per available statistics, this sector employs an estimated 5.95 crore persons over 2.6 crore enterprises and the labour intensity in the MSME sector is **(77)** to be almost 4 times higher than the large enterprises. Despite **(78)** more than 80% of the total number of industrial enterprises and supporting industrial development, many MSMEs in India have problems such as sub-optimal scale of operation, technological **(79)** supply chain inefficiencies, increasing domestic and global competition, fund shortages, change in manufacturing strategies and unpredictable market scenario.

71. (a) accepted   (b) forsaken

(c) accepting   (d) agreed

(e) fostered

72. (a) credit   (b) connected

(c) deposit   (d) blamed

(e) burdened

73. (a) insignificant

(b) redundant   (c) vital

(d) pivot   (e) post

74. (a) manufactured

(b) produced   (c) destroy

(d) manufacturing

(e) producing

75. (a) account   (b) accounts

(c) accounted   (d) cause

(e) cost

76. (a) frequently   (b) regular

(c) consistent

(d) consistently

(e) abrupt

77. (a) consistently   (b) surprised

(c) estimation   (d) planning

(e) estimated

78. (a) constituting   (b) relying

(c) planning   (d) counting

(e) coming

79. (a) obsolete   (b) obsolescence

(c) compatible

(d) modern-fashioned

(e) matured

80. (a) crisis   (b) shortage

(c) cheapness

(d) indispensable

(e) indiscipline

NUMERICAL ABILITY

81. 6   42   215   864   ?
- (1) 2590
- (2) 2620
- (3) 2626
- (4) 2632
- (5) 2584

82. 8   15   29   50   78   ?
- (1) 68
- (2) 101
- (3) 110
- (4) 113
- (5) 91

83. 9   40   156   465   ?
- (1) 1020
- (2) 998
- (3) 932
- (4) 954
- (5) 1128

84. 108   72   36   24   12   ?
- (1) 9
- (2) 5
- (3) 8
- (4) 6
- (5) 10

85. 8   9   13   22   38   ?
- (1) 65
- (2) 63
- (3) 62
- (4) 58
- (5) 64

86. $538.24 - 193.22 + 343.91 \times 2$
- (1) 1002.84
- (2) 1032.84
- (3) 1022.56
- (4) 1022.84
- (5) None of these

87. $780 \div \sqrt{676} + 77^2 \times 1326$
- (1) 1326
- (2) 1456
- (3) 1252
- (4) 1532
- (5) None of these

88. $\frac{1678 - 656 + 1321 \times 4 + 238.12}{110.51 \times 7} = ?$
- (1) 27761
- (2) 2767.61
- (3) 867.61
- (4) 268.61
- (5) None of these

89. 135% of $480 + 7\%$ of $320 = 728$
- (1) 26
- (2) 30
- (3) 38
- (4) 46
- (5) None of these

90. $95 \frac{3}{5} \times 2 \frac{1}{2} \times \frac{7}{15} \times \frac{2}{19} = ?$
- (1) $12 \frac{7}{45}$
- (2) $11 \frac{2}{15}$
- (3) $2 \frac{1}{45}$
- (4) $11 \frac{1}{6}$
- (5) None of these

91. $\frac{\sqrt{1521}}{\sqrt{1156}} \times \frac{\sqrt{676}}{\sqrt{144}} = ?$
- (1) $\frac{6}{17}$
- (2) $\frac{13}{12}$
- (3) $\frac{17}{6}$
- (4) $\frac{12}{13}$
- (5) None of these

92. $2377.32 \div 18.01 - 4.525 \times 8 = ?$
- (1) 94.58
- (2) 96.18
- (3) 95.4
- (4) 93.8
- (5) None of these

93. $2 \times 8 + 3.185 \times 4.99 = ?$
- (1) 670.5
- (2) 666.354
- (3) 664.5
- (4) 667.354
- (5) 669.354

94. $(43\%$ of $2750) - (38\%$ of $2590) = ?$
- (1) 198.3
- (2) 191.8
- (3) 182.3
- (4) 200.2
- (5) None of these

95. $(3543 \times 7164 + 41720) - (517 \times 464) = ?$
- (1) 56998
- (2) 56908
- (3) 56904
- (4) 56098
- (5) 56988

Number of students studying in various Disciplines/Streams in 6 different cities.

City \ Discipline	Engineering	Medical Science	Polytechnic	MBA	Commerce
P	480	530	900	200	800
Q	650	680	980	350	920
R	650	680	980	350	920
S	780	980	1100	280	530
T	680	610	996	295	950
U	850	790	690	275	370

96. What is the average number of students studying in commerce discipline taking all the cities together?
- (1) 897
- (2) 880
- (3) 885
- (4) 875
- (5) None of these

97. The difference between the total number of students studying in cities Q and S taking all the disciplines together is
- (1) 1200
- (2) 1150
- (3) 1180
- (4) 1210
- (5) None of these

98. by what per cent is the number of students studying in medical science in the cities R and S less than studying in polytechnic in cities P and S taken together?
- (1) 15%
- (2) 19%
- (3) 17%
- (4) 21%
- (5) None of these

99. The respective ratio between the number of students studying in Engineering and MBA in the city S is
- (1) 3 : 5
- (2) 5 : 3
- (3) 2 : 5
- (4) 28 : 15
- (5) None of these

100. (continued) what percent is the number of students studying in MBA in city 5 more than that studying in city 7 in the same discipline ?
(1) 40%   (2) 60%
(3) 80%   (4) 70%
(5) None of these

101. Mrs. Gupta spends 19% of her monthly income on her children's education, 30% of her monthly income on household needs and 8% on transportation. She spends 30% of the remaining income on vocational trip and thus saves only Rs. 8554 at the end of the month. What is her monthly income ?
(1) Rs. 26000   (2) Rs. 35000
(3) Rs. 25680   (4) Rs. 28000
(5) None of these

102. The compound interest accrued on an amount of Rs. 21900 at a certain rate of interest at the end of two years is Rs. 7116.5. What would be the simple interest accrued on the same amount at the same rate in the same period ?
(1) Rs. 6350   (2) Rs. 8450
(3) Rs. 6250   (4) Rs. 6150
(5) None of these

103. The profit earned by a shopkeeper after selling an article for Rs. 1954 is the same as loss incurred after selling the article for Rs. 1392. What is the cost price of the article ?
(1) Rs. 1572   (2) Rs. 1743
(3) Rs. 1473   (4) Rs. 1443
(5) None of these

104. A sum of money is divided among A, B, C and D in the ratio of 3 : 4 : 9 respectively. If the share of C is Rs. 3600 more than the share of B, then what is the total amount of money with A and D together ?
(1) Rs. 9600   (2) Rs. 6400
(3) Rs. 6700   (4) Rs. 5000
(5) None of these

105. Rajni decided to donate 14% of her monthly salary to a temple. On the day of donation she changed her mind and donated Rs. 6000 which was 75% of what she had decided earlier. How much is Rajni's monthly salary ?
(1) Rs. 45714   (2) Rs. 38734
(3) Rs. 66714   (4) Rs. 63714
(5) None of these

106. 30 short pieces of 130 cms each are cut from a reel of cloth. After cutting these pieces 75 cms of cloth remains. What is the length of the cloth in the reel? (in metres)
(1) 38.75   (2) 39.75
(3) 39.25   (4) 42
(5) None of these

107. The sum of the squares of two consecutive positive odd numbers is 514. What is the larger number?
(1) 15   (2) 13
(3) 17   (4) 19
(5) None of these

108. Two years ago the ratio of the ages of Ramesh and Ankur was 6 : 5 respectively. Two years hence the ratio of their ages will be 9 : 11 respectively. What is the present age of Ankur?
(1) 6.8 years   (2) 6 years
(3) 7 years   (4) 8 years
(5) None of these

109. A and B are two pipes which can fill a tank individually in 15 minutes and 25 minutes respectively. However there is a leakage at the bottom of the tank which can empty the filled tank in 30 minutes. If the tank is empty initially, how much time will both the taps take to fill the tank (leakage still there)?
(1) $18\frac{6}{11}$ minutes
(2) $12\frac{3}{11}$ minutes
(3) $11\frac{1}{4}$ minutes
(3) $12\frac{7}{11}$ minutes
(4) $12\frac{1}{3}$ minutes
(5) None of these

110. An urn contains 3 blue, 5 white and 7 black balls. If 2 balls are drawn at random, what is the probability that only one ball is white ?
(1) $\frac{3}{10}$ (2) $\frac{1}{22}$
(3) $\frac{4}{11}$ (4) $\frac{7}{22}$
(5) $\frac{16}{21}$

111. The length of a rectangle exceeds its breadth by 3 cm. If the length is increased by 3 cm and the breadth is increased by 2 cm, then the area of the new rectangle will be the same as the area of the original rectangle. What will be the perimeter of the original rectangle ?
(1) 32 cm   (2) 13 cm
(3) 26 cm   (4) 39 cm
(5) None of these

112. A and B started a partnership business investing some amount in the ratio of 5 : 7. After six months C joined them with an amount equal to that of B. In what ratio should be the profit at among themselves at the end of the year?
(1) 10 : 14 : 7   (2) 11 : 12 : 7
(3) 11 : 14 : 7   (4) 11 : 16 : 8
(5) None of these

113. 20 men take 21 days working 7 hours per day to do a piece of work. How many days of 6 hours each would 15 women take to complete the same work, if 3 women do as much work as 2 men ?
(1) 30 days   (2) 36 days
(3) 28 days   (4) 40 days
(5) None of these

Left Column

114. The ratio of the number of students studying in schools A, B and C is 5 : 7 respectively. If the number of students studying in each of the schools is increased by 15%, 20% and 25% respectively, what will be the new respective ratio of the students in schools A, B and C?
(1) 109 : 120 : 175
(2) 120 : 69 : 175
(3) 3 : 4 : 5
(4) 13 : 14 : 15
(5) None of these

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

Number of units (in crores) sold by six different mobile phone manufacturing companies during the given years.

Year / Companies	2006	2007	2008	2009	2010	2011
E	105.8	82.0	38.2	115.6	29.5	37.5
G	101.2	86.0	88.5	118.7	30.5	39.0
Q	104.5	98.3	57.5	109.0	47.5	41.5
H	109.8	97.5	97.8	108.5	44.5	43.5
I	100.0	102.5	115.8	112.8	78.5	53.5
J	105.5	108.5	107.5	38.0	52.5	53.0

116. What is the average number of mobile phones sold by company H taking all the years together? (In crores)
(1) 83.15
(2) 82.15
(3) 81.75
(4) 84
(5) 82.25

117. What is the average number of mobile phones sold by all the companies in the year 2008? (In crores)
(1) 81.9
(2) 83.0
(3) 82.15
(4) 84.15
(5) 80.3

118. The difference between the total number of mobile phones sold by all the companies in the years 2007 and 2011 is (In crores)
(1) 302.2
(2) 315.3

115. A boat running downstream covers a distance of 20 kms in 2 hours. While coming back the boat takes 4 hours to cover the same distance. What is the speed of the boat in still water in km/ph?
(1) 6.5
(2) 7.5
(3) 8.5
(4) 9
(5) None of these

119. What is the average number of mobile phones sold by company I taking all the years together?
(1) 305.3
(2) 308.3
(3) None of these

120. By what per cent approximately is the number of mobile phones sold by company G in the year 2006 less than that sold by the same company in the year 2009?
(1) 4.5%
(2) 3.5%
(3) 5%
(4) 6%
(5) None of these

121. The respective ratio between the number of mobile phones sold by company G in the year 2008 and that sold by company I in the year 2010 is
(1) 115 : 157
(2) 157 : 115
(3) 29 : 23
(4) 23 : 29
(5) None of these

GENERAL AWARENESS

120. The headquarters of Asian Development Bank is located at
(1) Abu Dhabi
(2) Paris
(3) Washington, D.C.
(4) Manila
(5) Geneva

122. What is the currency of New Zealand?
(1) New Zealand Pound
(2) New Zealand Rupee
(3) New Zealand Dollar
(4) New Zealand Euro
(5) New Zealand Peso

123. What is the Capital of Fiji?
(1) Kiribati
(2) Suva
(3) Kampala
(4) Havana
(5) Guam

124. GST is a tax against
(1) Producer
(2) Goods and Services
(3) Industrial Trade
(4) Commerce
(5) Industrial Finance

125. Which of the following states has the largest international boundary?
(1) Gujarat
(2) Rajasthan
(3) Himachal Pradesh
(4) Jammu and Kashmir
(5) Uttar Pradesh

126. With which of the following games is Sardar Singh associated?
(1) Boxing
(2) Cricket
(3) Hockey
(4) Badminton
(5) Football

127. Where is the headquarters of WHO located?
(1) Geneva
(2) New York
(3) Manila
(4) Paris

128. Google recently launched an android based operating system. What is the name of this operating system?

129. The full form of NEFT is
(a) National Electronic Fund Transfer
(b) National Electronic Fund Transfer
(c) National Exchange Fund Transfer
(d) National Estimation of Fund Transaction
(e) None of these

130. Prime Minister Narendra Modi recently launched 'Jan Dhan Yojana'. What is its main purpose?
(1) It was launched for comprehensive financial inclusion.
(2) It was launched for providing financial assistance to rural people only
(3) It was launched for providing financial assistance by whole country's people
(4) It was launched for ensuring access to financial services
(a) Both 1 and 4

131. Kisan Vikas Patra was recently taken by ... Minister Arun Jaitley. What is it?
(a) Small Savings scheme
(b) Postal Life Insurance scheme
(c) Agricultural Insurance scheme
(d) Inflation Indexed Bond scheme
(e) None of these

132. Who among the following is the Chairman of 14th Finance Commission?
(a) Y.V. Reddy
(b) Bimal Jalan
(c) C. Rangarajan
(d) Suresh Prabhu
(e) Dinesh Kaushik

133. During Visakhapatnam's cyclone (Hud hud) the Indian Navy launched a relief and rescue operation known as

(1) Operation Lahar
(a) Operation Samudra
(b) Operation Vishoor
(c) Operation Save and Salvage
(d) Operation Suraksha

134. Who among the following is a winner of Nobel Prize in Economics?
(a) Jean Tirole
(b) Patrick Modiano
(c) William E. Moerner
(d) May Britt Moser
(e) Stefan W. Hell

135. Which city recently will host the next Asian Games?
(a) New Delhi, India
(b) Jakarta, Indonesia
(c) Beijing, China
(d) Manila, Philippines
(e) Osaka, Japan

136. Which country recently launched IRNSS 1C navigation satellite?
(a) Japan (b) India
(c) China (d) USA
(e) Indonesia

137. Who, among the following, is the Union Rural Development Minister?
(a) Kalraj Mishra
(b) Radha Mohan Singh
(c) Jitendra Singh
(d) Choudhary Birender Singh
(e) Nitin Gadkari

138. World Standards Day was recently celebrated on
(a) 17 August
(b) 18 July
(c) 14 October
(d) 16 September
(e) 17 November

139. The parliamentary constituency of Union Minister Rajyog Athawale
(a) Kalaburagi
(b) Allahabad
(c) Kanpur
(d) Deoria
(e) Gorakhpur

140. Which of the following countries was recently struck by Typhoon Vongfong?

(a) Malaysia (b) Thailand
(c) Japan (d) Singapore
(e) South Korea

141. Who, among the following novelists, completed graduation from IIT Delhi and PG from IIM Ahmedabad?
(a) Jeet Thayil
(b) Chetan Bhagat
(c) Jhumpa Lahiri
(d) V.S. Naipaul
(e) Salman Rushdie

142. Which film was selected as India's official entry for Oscar Award 2015?
(a) Liar's Dice
(b) The Road
(c) The Lunchbox
(d) Talash
(e) Bhaag Milkha Bhaag

143. Under the National Gramin Awas Mission, housing will be provided to all by
(a) 2019 (b) 2020
(c) 2022 (d) 2025
(e) 2038

144. When a customer deposits cheque to bank, the bank is a
(a) Drawer
(b) Agent
(c) Principal
(d) Drawee
(e) Bailee

145. Satya Nadella was in recent news. He is the CEO of which organization?
(a) Tata Sons (b) Infosys
(c) Microsoft (d) Citibank
(e) Apple

146. What is the full form of MOM?
(a) Money Order Mail
(b) Mars Orbiter Mission
(c) Man of Moment
(d) Mark of Mumbai
(e) None of these

147. UNESCO headquarters is located in
(a) Brussels
(b) Montreal
(c) Paris
(d) London
(e) Washington D.C.

148. What does amortization mean?
(a) Spreading payments over multiple periods
(b) Buying a financial instrument in one market in order to sell the same instrument at a higher price in another market
(c) Issuance of approval, by a credit card issuer
(d) Buying the underlying securities at a specified exercise price
(e) None of these

149. What is the duration of PPF account?
(a) 8 years
(b) 10 years
(c) 9 years
(d) 15 years
(e) 16 years

150. Alibaba is the company of which country?
(a) United Arab Emirates
(b) China
(c) Malaysia
(d) India
(e) Kuwait

151. Which state has the highest rural population in India?
(a) Uttar Pradesh
(b) Bihar
(c) Madhya Pradesh
(d) West Bengal
(e) Assam

152. When is World Pneumonia Day celebrated?
(a) 18 August
(b) 12 September
(c) 18 October
(d) 12 November
(e) 1 December

153. What is the age limit for minors to operate saving account in India?
(a) 5 years
(b) 10 years
(c) 12 years
(d) 15 years
(e) 16 years

154. Under which Act is cheque defined?
(a) Negotiable Instruments Act 1881
(b) SARFAESI Act 2002
(c) Contract Act 1872
(d) Banking Regulations Act 1949
(e) Reserve Bank of India Act 1935

155. Under which Act are the KYC norms implemented?
(a) SEBI Act 1992
(b) Foreign Contribution and Regulation Act 1976
(c) Prevention of Money Laundering Act 2002
(d) Banking Regulation Act 1949
(e) Both 3 and 4

156. Who is the Union Minister for Information and Broadcasting?
(a) Arun Jaitley
(b) Nitin Gadkari
(c) Rajnath Singh
(d) Narendra Modi
(e) Manohar Parrikar

157. Who has won the field of LTV?
(a) Loan to Value Ratio
(b) Lease to Value Ratio
(c) Labor Tax Value
(d) Leverage Tax Value
(e) Listed Tax Value

158. Sumitra Charat Ram Award was given to whom?
(a) Pandit Jasraj
(b) Ustad Bismillah Khan
(c) Pandit Birju Maharaj
(d) Kishori Amonkar
(e) Mayurbhav Rout

159. Who is the Chairman of National Commission for Women?
(a) Jayanti Patnaik
(b) Mamata Sharma
(c) Lalitha Kumaramangalam
(d) Poornima Advani
(e) Hemlata Kheria

160. Monetary Policy is regulated by:
(a) Union Ministry of Finance
(b) Reserve Bank of India
(c) Planning Commission
(d) Both 1 and 3
(e) All of the above

COMPUTER

161. What does HTML stand for?
(a) Hyper Text Making Links
(b) Hyper Text Markup Language
(c) Higher Textual Marking of Links
(d) Hyper Text Mixer of Links
(e) None of these

162. The short cut key Ctrl + R is used in Excel to
(a) Right align the content of cell
(b) Remove the cell contents of selected cells
(c) Fill the selection with active cells to the right
(d) Select multiple rows
(e) None of these

163. Linux is _____ operating system.
(a) Microsoft
(b) Apple
(c) Interface
(d) Android
(e) Open source

164. The full form of VDA is
(a) Virtual Desktop Access
(b) Visual Desktop Array
(c) Virtual Desktop Array
(d) Virtual Reality Access
(e) None of these

165. WAN stands for
(a) Whole Area Network
(b) Wide Area Network
(c) Wide Array Net
(d) Wireless Area Network
(e) None of these

166. Which among the following is an input Device?
(a) Monitor
(b) Joystick
(c) Plotter
(d) Both 1 and 2
(e) All of the above

167. Which among the following is the largest computer?
(a) Mainframe computer
(b) Personal Computer
(c) Laptop
(d) Notebook
(e) Supercomputer

168. ISDN stands for
(a) Integrated Services Digital Network
(b) International Subscriber Dialup Network

(3) International Service Digital Network
(4) Integrated Service Digital Network
(5) None of these

170. 1k is approximately equal to Megabyte.
(1) 10,000
(2) 100
(3) 1000
(4) 100

171. Which of the following is not a binary number?
(1) 100010
(2) 101010
(3) 101010
(4) 1011101
(5) 10111

171. Which of the following is an operating system?
(1) Computer
(2) Plotter
(3) Mac
(4) Both 1 and 2
(5) All of the above

172. Which of the following is not an operating system?
(1) Windows XP
(2) DOS
(3) IOS
(4) Computer
(5) None of these

173. Which of the following is a base of hexadecimal number?
(1) 10
(2) 12
(3) 16
(4) 24

174. Which of the following is the name of an application similar to MS Office?
(1) Libre Office
(2) Open Office
(3) Neo Office
(4) Prov Office
(5) All of the above

175. What is the full form of UMVAC?
(1) Universal Automatic Computer
(2) Universal Array Computer
(3) Unique Automatic Computer
(4) Universal Array Computer
(5) None of these

176. The process of converting an analog signals into digital signals so they can be processed by a receiving computer is referred to as

---

(1) Modulation
(2) Demodulation
(3) Synchronizing
(4) Digitizing
(5) Transmission

177. ASCII stands for
(1) American Stable Code for International Interchange
(2) American Standard Case for Institutional Interchange
(3) American Standard Code for Information Interchange
(4) American Special Code for Interchange Information
(5) None of these

178. Which of the following memory has stored data in large number?
(1) RAM
(2) ROM
(3) Cache memory
(4) Hard Disk
(5) None of these

179. Generally, web address is located by
(1) Hyperlink
(2) HTTP
(3) URL
(4) Locator
(5) Browser

180. Which of the following is more than TB?
(1) MB
(2) KB
(3) GB
(4) Bytes
(5) None of these

181. A _____ is an electronic device that process data, converting it into information.
(1) Computer
(2) Processor
(3) Case
(4) Stylus
(5) None of these

182. A web address is a unique name that identifies a specific _____ on the internet.
(1) URL
(2) Website
(3) PDA
(4) HTML
(5) None of these

183. A word in a webpage that, when clicked, opens another document is called
(1) Anchor
(2) Hyperlink
(3) Reference
(4) URL
(5) None of these

184. If you wish, to extend the length of the network without having the signal degrade, you would use a

---

(1) Gateway
(2) Router
(3) Modern
(4) Repeater
(5) Resonator

185. The _____ button on the Quick Access Toolbar allows you to cancel your recent commands or activities.
(1) Search
(2) Cut
(3) Undo
(4) Redo
(5) Document

186. A saved document is referred to as a
(1) File
(2) Project
(3) Folder
(4) Page
(5) None of these

187. A _____ is a collection of computers and devices connected together.
(1) Bridge
(2) Hub
(3) Modem
(4) LAN
(5) None of these

188. _____ is when the computer is turned on and the operating system is loading.
(1) Booting
(2) Scrolling
(3) Formatting
(4) Initiating
(5) None of these

189. To print a document.
(1) Select the Print command and then select OK
(2) Select the Ready Printer command then select OK
(3) Type PRINT and then press Enter
(4) Close the document, select the Print command then select OK
(5) None of these

190. The main folder on a storage device is called
(1) Platform
(2) Interface
(3) Root Directory
(4) Device Driver
(5) None of these

191. The thinking symbol on the computer screen is called
(1) Mouse
(2) Logo
(3) Hand
(4) Cursor
(5) Palm

192. Which of the following is not a computer programming language?
(1) Windows
(2) PASCAL
(3) BASIC
(4) COBOL
(5) None of these

193. _____ is also known as junk email or unsolicited bulk mail.

(1) Spam   (2) Trash
(3) Draft   (4) Spoof
(5) None of these

194. _____ is a power saving state designed primarily for laptops. It saves your open documents and programs to your hard disk and turns off our computer.

(1) Sleep   (2) Hibernate
(3) Suitcase   (4) Snooze
(5) Nap

195. _____ is the process of carrying out commands.

(1) Fetching   (2) Sorting
(3) Executing   (4) Decoding
(5) None of these

196. Internet Explorer, Google Chrome, Opera, etc are examples of

(1) Browser
(2) Network
(3) URL
(4) Social sites
(5) None of these

197. When you want to move some text from one page to a different page, the best method is to

(1) Drag and drop
(2) Cut and paste
(3) Delete and retype
(4) Find and replace
(5) None of these

198. A _____ is example of an Input Device.

(1) Printer   (2) Keyboard
(3) Monitor   (4) Scanner
(5) All of these

199. What is the full form of MICR ?

(1) Magnetic Ink Character Reader
(2) Magnetic Ink Code Reader
(3) Magnetic Ink Cases Reader
(4) Magnetic Instant Code Recognition
(5) Magnetic Ink Code Recognition

200. Text in a column is generally aligned _____

(1) Justified   (2) Right
(3) Centre   (4) Left
(5) None of these