Direction for Q Nos. 1 to 3: Select the right word which gives the correct meaning of the word written in capital letters.

1.   EXPLICIT

    a. Clean   b. Implied

    c. Obvious   d. Specifically

2. INFAMY

    a. Dishonour   b. Glory

    c. Integrity   d. Reputation

3.   ABSOLUTE

    a. Division   b. Complete

    c. Small   d. Half

Direction for Q Nos. 4 and 5: Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.

4.   Man is a/an _____ creature; however, he is more in need of mental companionship than of physical companionship.

    a. egoistic   b. biological

    c. emotional   d. gregarious

5.   Shivalal _____ classical music. He always prefers Bhimsen Joshi to Asha Bhosale.

    a. adores   b. apprehends

    c. encompasses   d. cultivates

Directions for Q Nos. 6 to 10: In each of the following sentences, parts of the sentence are left blank. Beneath each sentence, four different ways of completing the sentence are indicated. Choose the best alternative from among the four.

6.   But _____ are now regularly written to describe well established practices, organisations and institutions, not all of which seem to be _____ away.

    a. reports, withering

    b. stories, trading

    c. books, dying

    d. obituaries, fading

7.   The Drawin who _____ is most remarkable for the way in which he _____ the attributes of the world class thinker and head of the household

    a. comes, figures

    b. arises, adds

    c. emerges, combines

    d. appeared, combines

8.   Since her face was free of _____ there was no way to _____ if she appreciated what had happened.

    a. make-up, realise

    b. expression, ascertain

    c. emotion, diagnose

    d. scars, understand

Space For Rough Work

9. In this context, the _____ of the British labour movement is particularly _____ .

   a.   affair, weird

   b.   activity, moving

   c.   experience, significant

   d.   atmosphere, gloomy

10. Indian intellectuals may boast, if they are so inclined, of being _____ to the most elitist among the intellectual _____ of the world.

   a.   subordinate, traditions

   b.   heirs, cliques

   c.   ancestors, societies

   d.   heir, traditions

Directions for Q Nos. 11 to 15: Some proverbs / idioms are given below together with their meanings. Choose the correct meaning of proverb / idiom.

11. To make clean breast of

   a.   To gain prominence

   b.   To praise oneself

   c.   To confess without reserve

   d.   To destroy before it blooms

12. To drive home

   a.   To find one's roots

   b.   To return to place of rest

   c.   Back to original position

   d.   To emphasise

13. To cry wolf

   a.   To listen eagerly

   b.   To give false alarm

   c.   To turn pale

   d.   To keep off starvation

14. To pick holes

   a.   To find some reason to quarrel

   b.   To destroy something

   c.   To criticise someone

   d.   To cut some part of an item

15. To smell a rat

   a.   To see signs of plague epidemic

   b.   To get bad smell of a dead rat

   c.   To suspect foul dealings

   d.   To be in a bad mood

Directions for Q Nos.16 to 20: Choose the word which is most OPPOSITE in meaning of the word given in capitals.

16. LATENT

   a.   Concealed

   b.   Real

   c.   Apparent

   d.   Dubious

Space For Rough Work

17. ZENITH

    a.   acme   b.   Top

    c.   Nadir   d.   Pinnacle

18. ADVANCE

    a.   Hamper   b.   Backward

    c.   Increase   d.   Defeat

19. PROMPT

    a.   Unwilling   b.   Restrain

    c.   Provoke   d.   Late

20. SUBSTANTIAL

    a.   Extensive   b.   Independent

    c.   Manifest   d.   Minimal

Directions for Q Nos. 21 to 25: In each of the questions, a related pair of words or phrases is followed by four pairs of phrases. Select the pair that best expresses a relationship similar to that expressed in the original pair.

21. WOOL : ACRYLIC

    a.   Minutes : Day

    b.   Cotton   : Polyester

    c.   India   : Assam

    d.   Nylon   : Rayon

22. DROPCLOTH : FURNITURE

    a.   Apron   : Clothing

    b.   Banner   : Flagpole

    c.   Towel   : Rack

    d.   Pillow   : Bending

23. CLOUDBURST : RAINFALL

    a.   Ashes   : Fire

    b.   Gust   : Wind

    c.   Sunbeam : Flame

    d.   Ripple   : Wave

24. MODERATE : DEBATE

    a.   Legislator: Election

    b.   Chef   : Banquet

    c.   Auditor : Lecture

    d.   Umpire : Game

25. FISH : MERMAID

    a.   Unicom : Tapestry

    b.   Horse   : Centaur

    c.   Pegasus : Fly

    d.   Cat   : Lion

Space For Rough Work

26. Which among the following brands does not belong to Nestle?

   a.   Sunrise   b.   Frappe

   c.   Bru   d.   Choc cafe

27. How many companies shares are represented in sensex of the Bombay Stock Exchange?

   a.   33   b.   50

   c.   32   d.   30

28. Which among the following nations is the second largest exporter of oil (petroleum) in the world ?

   a.   United Arab Emirates

   b.   Kuwait

   c.   Russia

   d.   Venezuela

29. The following pairs show groups and companies promoted by them. Which among the following is wrongly matched ?

   a.   A.V. Birla group : Grasim

   b.   Tata group : Hotel Taj

   c.   Thapar group : Built

   d.   Reliance : Hindalco

30. V2 is the upgraded version of which among the following cars ?

   a.   Fiat Palio

   b.   Hyundai Santro

   c.   Tata Indica

   d.   Maruti Versa

31. Euro I, Euro II and Euro III norms are related to

   a.   Automobile engine

   b.   Computer chips

   c.   Auto fuel

   d.   None of the above

32. Fiscal deficit refers to the

   a.   Final revenue deficit of the government

   b.   Actual deficit of the government

   c.   Deficit related to non-tax revenue

   d.   None of the above

33. Which among the following nations is the richest nation in the Arab world ?

   a.   United Arab Emirates

   b.   Saudi Arabia

   c.   Qatar

   d.   Kuwait

Space For Rough Work

34. "Your dreams, Our commitment" is the punch line of

   a. Birla Sun Life

   b. OM Kotak Mahindra

   c. Alliance Bajaj Insurance

   d. None of the above

35. CII is a

   a. Public Limited Company

   b. Private Limited Company

   c. Industrial apex body

   d. None of the above

36. In the last one decade, which one among the following sectors has attracted the highest foreign direct investment inflows into India ?

   a. Chemicals other than fertilizers

   b. Service sector

   c. Food processing

   d. Telecommunication

37. Development expenditure of the Central Government does not include

   a. Defence expenditure

   b. Expenditure on economic services

   c. Expenditure on social and community services

   d. Grant to states

38. Entomology is the science that studies

   a. Behaviour of human being

   b. Insects

   c. The origin and history of technical and scientific term

   d. The formation of rocks

39. For which of the following disciplines is Nobel Prize awarded ?

   a. Physics and chemistry

   b. Phsiology or medicine

   c. Literature, Peace and Economics

   d. All of the above

40. Exposure to sunlight helps a person to improve his health because

   a. The infrared lights kill bacteria in the body

   b. Resistance power increases

   c. The pigment cells in the skin get stimulated and produce a health tan

   d. The ultraviolet rays converts skin oil into Vitamin D

41. Guarantee to an exporter that the importer of his goods will pay immediately for the goods ordered by him, is known as

   a. Letter of credit (L/C)

   b. Laissezfeire

   c. Inflation

   d. None of the above

Space For Rough Work

42. Who administers the oath of office to President of India ?

    a.   Prime Minister

    b.   Vice-President

    c.   Chief Justice of Supreme Court

    d.   Lok Sabha speaker

43. White - Fi technology, which use of a Wi-Fi technology within the TV unused spectrum is being developed by _____ .

    a.   Google   b.   Microsoft

    c.   Facebook   d.   IBM

44. Which city has been chosen as City of Music by UNESCO under creative cities of network?

    a.   Mysuru

    b.   Pune

    c.   Varanasi

    d.   Patna

45. Recently, which Grand Slam Women's doubles was won by Sania Mirza ?

    a.   Wimbledon

    b.   French Open

    c.   US open

    d.   None of the above

46. In which State, is India's longest road tunnel coming up ?

    a.   Himachal Pradesh

    b.   Uttar Khand

    c.   Jammu and Kashmir

    d.   Haryana

47. Which port has received Golden Peacock Award for environment management ?

    a.   Krishnapatnam port

    b.   Nhava Sheva port

    c.   Perambur port

    d.   Kandla port

48. First Indian to win Oscar Award

    a.   Bhanu Athaaiya

    b.   Resul Pookutty

    c.   A. R. Rahman

    d.   None of the above

49. Who is the leader of the opposition in the present Lok Sabha ?

    a.   Mallikarjun Kharge

    b.   Rahul Gandhi

    c.   Sonia Gandhi

    d.   None of the above

50. Who is the Finance Minister of Government of Karnataka at present ?

    a.   R. V. Deshpande

    b.   D. K. Shivakumar

    c.   Siddaramaiah

    d.   Kagod Timmappa

Space For Rough Work

Questions 51 to 53:

A bus has exactly six stops on its route. The bus first stops at stop one and then at stops two, three, four, five and six respectively. After the bus leaves stop six, the bus turns and returns to stop one and repeats the cycle. The stops are at six buildings that are in alphabetical order: L, M, N, O, P and Q.

P is the third stop

M is the sixth stop

The stop O is the stop immediately before Q

N is the stop immediately before L

51. In case N is the fourth stop, which among the following must be the stop immediately before P ?

    a.   O   b.   Q

    c.   N   d.   L

52. In case L is the second stop, which among the following must be the stop immediately before M ?

    a.   N   b.   L

    c.   P   d.   Q

53. In case a passenger boards the bus at O, rides past one of the stops and gets off at P, which of the following must be true ?

    a.   O is stop one   b.   Q is stop three

    c.   P is stop four   d.   N is stop five

54. Look at this series: 3, 4, 7, 8, 11, 12, ... What number should come next ?

    a.   7   b.   10

    c.   14   d.   15

55. Look at this series: 58, 52, 46, 40, 34, ... What number should come next ?

    a.   26   b.   28

    c.   30   d.   32

56. FAG, GAF, HAI, IAH, _____

    a.   JAK   b.   HAL

    c.   HAK   d.   JAI

57. CMM, EOO, GQQ, _____, KUU

    a.   GRR   b.   GSS

    c.   ISS   d.   ITT

58. Instead of a metre scale, a cloth merchant uses a 120 cm scale while buying, but uses an 80cm scale while selling the same cloth. If he offers a discount of 20% on cash payment, what is his overall percent profit ?

    a.   20 %   b.   25 %

    c.   40 %   d.   15 %

59. A man has nine friends, four boys and five girls. In how many ways can he invite them, if there has to be exactly three girls in the invitees ?

    a.   320   b.   160

    c.   80   d.   200

Space For Rough Work

60. In a watch, the minute hand crosses the hour hand for the third time exactly after every 3 hours 18 minutes 15 seconds of watch time. What is the time gained or lost by this watch in one day ?

  a. 14 minutes 10 seconds lost

  b. 13 minutes 50 seconds lost

  c. 13 minutes 20 seconds gained

  d. 14 minutes 40 seconds gained

Directions for Q Nos. 61 to 65: Study the following information to answer the given questions.

Eight persons A, B, C, D, E, F, G and H are sitting around a rectangular table in such a way that two persons sit on each of the four sides of the table facing the center. Persons sitting on opposite sides are exactly opposite to each other.

D faces North and sits exactly opposite to H

E is to the immediate left of H.

A and G sit on the same side.

G is exactly opposite of B who is to the immediate right of C.

A is next to the left of D.

61. Who is sitting opposite of A ?

  a. G   b. D

  c. E   d. None of the above

62. Who is next to E in clockwise direction ?

  a. G   b. B

  c. F   d. A or F

63. Which of the following pairs of persons has both the persons sitting on the same side with first person sitting to the right of second person ?

  a. DF   b. CB

  c. FC   d. AG

64. Who is sitting opposite to E ?

  a. D   b. A

  c. F   d. A or D

65. Which of the following statements is definitely true ?

  a. A is facing north

  b. E is sitting opposite of F

  c. F is to the left of G

  d. C is to the left of A

Directions for Q Nos. 66 to 70: Answer the questions based on the following information.

The amount of money invested (in rupees crore) in the core infrastructure areas of two districts, X and Y of a state as follows:

X District			Y District		
Core Area	1995	1996	Core Area	1995	1996
Electricity	815.2	1054.2	Electricity	2065.8	2365.1
Chemical	389.5	476.7	Chemical	745.5	986.4
Thermal	690.4	565.9	Thermal	1232.7	1026.3
Solar	468.1	589.6	Solar	1363.5	1792.1
Nuclear	617.9	803.1	Nuclear	1674.3	2182.1
Total	2981.1	3489.5	Total	7081.6	8352.0

66. By what percent was the total investment in the two districts more in 1996 as compared to that in 1995 ?

  a. 14 %   b. 21 %

  c. 24 %   d. 18 %

67. Approximately how many times the total investment in X district was the total investment in Y district ?

  a. 2.8   b. 2.0

  c. 2.4   d. 1.7

Space For Rough Work

68. The investment in Electricity and Thermal Energy in 1995 in these two districts formed what percent of the total investment made in that year ?

    a.   41 %   b.   47 %

    c.   52 %   d.   55 %

69. In Y district, the investment in which area in 1996 showed the least percent increase over the investment in that area in 1995.

    a.   Electricity   b.   Chemical

    c.   Solar   d.   Nuclear

70. If the total investment in Y district shows the same rate of increase in 1997, as it had shown from 1995 to 1996, what appropriately would be the total investment in Y district in 1997 (in Rs. crore) ?

    a.   9,850   b.   10,000

    c.   9,170   d.   8,540

Directions for Q Nos. 71 to 75: The table shows the raw material requirements for a crank-shaft machining line of a major automobile manufacturer located in western India

Raw material requirement (Units)

Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Units	50	25	30	20	5	6	2	10	15	20	25	10	5	20	10

The company policy requires that adequate raw material has to be maintained at least a day in advance.

71. If the raw material inventory on Day 0 was 165 units, the manager requires to place an order latest by which day ?

    a.   8th   b.   9th

    c.   10th   d.   11th

72. If the raw material inventory on Day 0 was 73 units and the manager orders for 17, 53 and 86 units on the first, second and fourth day respectively, when does he need to order next ?

    a.   10th day   b.   11th day

    c.   13th day   d.   14th day

73. If the raw material supplier starts acting fishy and delays his supplies by 48 hours, then which day's production will be hit if the starting inventory on day 0 is 163 units and an order is placed on the morning of day 7 ?

    a.   None   b.   Day 8

    c.   Day 9   d.   Day 10

74. If the cost of placing an order is Rs. 650/ per order, determine the minimum cost incurred in Q 72 if we consider the whole cycle of 15 days.

    a.   Rs. 1,950   b.   Rs. 650

    c.   Rs. 2,600   d.   Rs. 3,250

75. If the daily pilferage is 5 units, find the minimum number of units to be ordered through the whole cycle if we start with an inventory on Day 0 of 100 units? (Assume that we end with zero inventory)

    a.   296   b.   153

    c.   75   d.   228

Space For Rough Work

76. Rajdhani Express leaves Mumbai towards Delhi at 3.10 p.m. and travels uniformly at 120 kmph. August Kranti Express leaves Delhi towards Mumbai at 12.20 p.m. and travels uniformly at 80 kmph. Both trains cross at Baroda at 4.30 p.m. On a particular day, Rajdhani Express leaves at 3.20 p.m. when will the two trains cross ?

    a. 4.32 pm   b. 4.36 pm

    c. 4.28 pm   d. 4.40 pm

77. A line is drawn from top left corner to the bottom right corner of a rectangle ABCD making it into two triangles, Area 1 and 2. Then

    a. area of 1 > area of 2

    b. area of 1 < area of 2

    c. area of 1 = area of 2

    d. relationship depends upon the dimensions of the rectangle

78. A sum of money is sufficient to pay A's wages for 18 days and B's wages for 27 days. The money is sufficient to pay the wages of both for:

    a. $10\tfrac{4}{5}$ days   b. $11\tfrac{3}{5}$ days

    c. $15\tfrac{1}{4}$ days   d. $24\tfrac{1}{2}$ days

79. Which of the following is the highest ?

    a. $12^2 + 9^2$ b. $13^2 + 8^2$

    c. $14^2 + 7^2$ d. $15^2 + 6^2$

80. Which of the following statements is true ?

    a. $(8)^7 - 8$ is divisible by 7

    b. $(9)^{10} - 9$ is divisible by 10

    c. $(10)^{11} - 10$ is divisible by 10

    d. None of the above

81. A single Badminton Tournament is held in which 20 men participate. It is a knock-out tournament, a player is eliminated as soon as he loses a match. How many matches should be played in the entire tournament ?

    a. 20   b. 19

    c. 10   d. None of the above

82. A person who has a certain amount with him goes to the market. He can buy 50 oranges or 40 mangoes. He retains 10% of the amount for taxi fare and buys 20 mangoes, and of the balance he purchases oranges. The number of oranges he can purchase is

    a. 36   b. 40

    c. 15   d. 20

83. Two positive integers differ by 4 and the sum of their reciprocals is 10/21. One of the numbers is

    a. 3   b. 1

    c. 5   d. 21

84. Which one of the following cannot be the ratio of angles in a right angled triangle ?

    a. 1 : 2 : 3   b. 1 : 1 : 3

    c. 1 : 3 : 6   d. None of the above

Space For Rough Work

85. A family consists of the father, mother, two sons and the youngest daughter. The age of the father is four times the age of the second son. The age of the first son is in the ratio of 3:1 with that of his sister. The mother is 3.5 times older than the second son. The age of the second son is 2/3 times of the first son. The age of the youngest daughter is 5 years. Find the sum of all ages.

    a.   115 years   b.   105 years

    c.   205 years   d.   210 years

86. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is

    a.   Rs. 650   b.   Rs. 690

    c.   Rs. 698   d.   Rs. 700

87. How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5 % per annum of simple interest ?

    a.   3.5 years   b.   4 years

    c.   4.5 years   d.   5 years

88. 1397 x 1397 = ?

    a.   1951609   b.   1981709

    c.   18362619   d.   2031719

89. Mr. X invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% per annum and 11% per annum respectively. If the total amount of simple interest earned in 2 years be Rs. 3,508, what was the amount invested in Scheme B ?

    a.   Rs. 6,400   b.   Rs. 6,500

    c.   Rs. 7,200   d.   Rs. 7,500

90. Find the remainder when 2^{93} is divided by 7

    a.   1   b.   2

    c.   4   d.   6

Directions for Q Nos. 91 to 95: The table given below gives the number of days worked by employees of five grades A, B, C, D and E in different departments

Grade	IT	Software	HR	Accounts
A	310	312	315	330
B	320	295	305	272
C	300	322	317	300
D	290	313	296	310
E	260	318	365	300

91. The number of days worked in HR department was highest for grade

    a.   A   b.   E

    c.   C   d.   D

92. The grade which worked least in all departments is

    a.   Grade E in IT

    b.   Grade B in HR

    c.   Grade B in software

    d.   Grade D in IT

93. What is the average of working days in IT department ?

    a.   305   b.   300

    c.   296   d.   292

94. If the average working hours in a day are 8, then the amount of work put in by Grade C is _____

    a.   13240   b.   12570
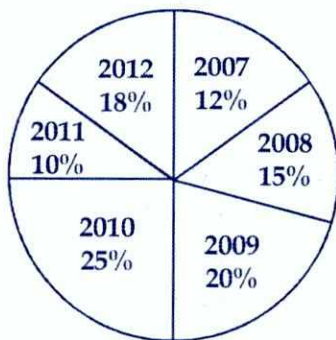
    c.   32600   d.   9912

Space For Rough Work

95. If working hours in a day are 8, then average work done (in hours) by Grade A in four departments together is ____.

    a.   1267   b.   2534
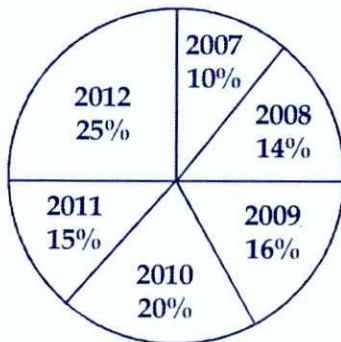
    c.   2436   d.   1672

Directions for Q Nos. 96 to 100: Study the following pie charts carefully and answer the questions given below:

Year-wise break up of the number of candidates appeared for an entrance exam and year-wise break up of the number of candidates who cleared the entrance exam.

Total number of candidates appeared in the entrance exam from 2007 - 2012 = 256000.

Total number of students who cleared the entrance test from 2007 - 2012 = 32000

96. What was the ratio of the number of students appeared for the entrance exam in 2012 and the number of students who cleared the exam in 2007 respectively ?

    a.   8 : 1   b.   36 : 5

    c.   72 : 5   d.   18 : 10

97. The total number of students appeared in entrance exam from 2008 and 2011 was what percentage of number of students appeared for the entrance exam in 2009

    a.   120   b.   150

    c.   125   d.   80

98. Approximately what was the difference between the number of students who cleared the entrance exam in 2009 and number of students who cleared the entrance exam in 2007 ?

    a.   960   b.   1920

    c.   3200   d.   5120

99. For which year was the difference in the number of students selected to number of students appeared in entrance exam the maximum ?

    a.   2007   b.   2008

    c.   2009   d.   2010

100. Approximately what was the total number of students cleared the entrance exam in 2010 and 2009 together ?

    a.   6400   b.   15200

    c.   7920   d.   None of the above

Space For Rough Work