1. The Satpura Range is a :
   - (A) Block Mountain
   - (B) Fold Mountain
   - (C) Volcanic Mountain
   - (D) Relict Mountain

2. Who among the following is famous as the 'Tragedy King' of Indian cinema?
   - (A) Raj Kapoor
   - (B) Dilip Kumar
   - (C) Bharat Bhushan
   - (D) Ashok Kumar

3. 5 cultivators can weed out 8 bighas of land in 4 days. 25 cultivators take to weed out 70 bighas of land in :
   - (A) 5 days
   - (B) 6 days
   - (C) 7 days
   - (D) 8 days

4. The square of the sum of two numbers is 625, and the square of their difference is 81. The numbers are :
   - (A) 17, 8
   - (B) 16, 9
   - (C) 18, 7
   - (D) 20, 5

5. A cloth of length $24\frac{1}{2}$ metre is cut into pieces, each of length being $1\frac{1}{6}$ metre. How many such pieces can be cut?
   - (A) 18
   - (B) 19
   - (C) 20
   - (D) 21

6. Mallikarjun Mansoor the musician who dies in 1992 at the age of 82 was a :
   - (A) Violinist
   - (B) Vocalist
   - (C) Sitar player
   - (D) Tabla player

7. The chief port of Gujarat is :
   - (A) Porbandar
   - (B) Surat
   - (C) Okha
   - (D) Kandla

8. If 15 is added to 5 times a number the sum is 6 times the number. The number is :
   (A) 15
   (B) 16
   (C) 17
   (D) 18

9. Ram, Shyam and Jadu individually can plough a garden in 18, 21 and 24 hours respectively. If they work together, to finish the work they will take :

   (A) $6\frac{66}{73}$ hrs
   (B) $5\frac{36}{53}$ hrs
   (C) $7\frac{17}{49}$ hrs
   (D) $4\frac{9}{23}$ hrs

10. With which musical instrument was Ustad Alikhan associated?
    (A) Shehnai
    (B) Flute
    (C) Sitar
    (D) Tabla

11. By how much does the sum of 17·443 and 29·657 exceed the sum of 13·687 and 18·548?
    (A) 14·285
    (B) 14·658
    (C) 14·865
    (D) 14·586

12. A fruit vendor sold 32 baskets of mango at Rs. 55 per basket, 41 baskets at Rs. 35 per basket and 15 baskets at Rs. 46 per basket. The average price of mango per basket is :
    (A) Rs. 44·15
    (B) Rs. 44
    (C) Rs. 44·25
    (D) Rs. 45

13. A man travels 516 m in 6 mins. His speed per hour is :
    (A) 0·0516 km
    (B) 0·516 km
    (C) 5·16 km
    (D) 51·6 km

14. The highest peak of India is :
    (A) Mt. Everest
    (B) Kanchenjungha
    (C) K2
    (D) Nanga Parbat

15. A man earns Rs. 3600 per month. His income is increased in the ratio 12 : 13. His new monthly income is :
    (A) Rs. 3500
    (B) Rs. 3700
    (C) Rs. 3900
    (D) Rs. 4100

16. Who amongst the following is a famous Sarod player?
   (A) Zakir Hussain
   (B) Hariprasad Chourasia
   (C) Siv Kumar Sharma
   (D) Amjad Ali Khan

17. Value of $\sqrt{2}$ is :
   (A) 1·441
   (B) 1·414
   (C) 1·144
   (D) 1·5

18. The Shivasamudram Falls are located on the :
   (A) Kaveri
   (B) Godavari
   (C) Krishna
   (D) Mahanadi

19. The ratio between the length and width of a rectangular sheet of paper is 7 : 5. If the width of the sheet is 20·5 cm the length is :
   (A) 28·7 cm
   (B) 27·5 cm
   (C) 27·8 cm
   (D) 28·9 cm

20. Musical instrument used by Amir Khusro was :
   (A) Sarod
   (B) Tabla
   (C) Sitar
   (D) Flute

21. A can finish a work in 12 days and B does it in 10 days. A alone works for 8 days and then B joins him to finish the work together. The work will be finished in :

   (A) $5\frac{5}{11}$ days
   (B) $2\frac{9}{11}$ days

   (C) $1\frac{9}{11}$ days
   (D) $3\frac{6}{11}$ days

22. The leading tea producing State of India is :
   (A) West Bengal
   (B) Assam
   (C) Karnataka
   (D) Tamil Nadu

23. Value of $5\cdot\dot{3}+3\cdot\dot{2}\dot{5}+12\cdot\dot{1}$ is :

   (A) $20\cdot0\dot{6}\dot{9}$
   (B) $20\cdot\dot{0}6\dot{9}$

   (C) $20\cdot069$
   (D) $20\cdot\dot{6}\dot{9}$

24. 30 children at a camp have provisions for 18 days. They are joined by 6 more children. How long will the provisions last?

    (A) 10 days

    (B) 12 days

    (C) 15 days

    (D) 17 days

25. The Iron and Steel plant at Bhadravati gets Iron ore from :

    (A) Bababudan Hills

    (B) Keonjhar

    (C) Bailadila

    (D) Bonai

26. A alone can knit a sweater in 3 hours, and B alone can knit it in 4 hours. How much time would they take working together to knit 14 sweaters?

    (A) 14 hours

    (B) 18 hours

    (C) 21 hours

    (D) 24 hours

27. 'Scurvy' disease is prevented by :

    (A) Vitamin 'B-12'

    (B) Vitamin 'K'

    (C) Vitamin 'C'

    (D) Vitamin 'D'

28. 6 cows can plough 12 hectares of land in 25 days. Number of hectares of land that will be ploughed by 10 cows in 20 days is :

    (A) 12 hectares

    (B) 14 hectares

    (C) 16 hectares

    (D) 20 hectares

29. _____ industry is known as the 'Modern Industrial Giant'.

    (A) Automobile

    (B) Iron and Steel

    (C) Petrochemical

    (D) Ship building

30. The total capacity of a tank is 200 litres. At present it is 60% full with water. Some water is taken from the tank and it is found that the tank is now 35% full. The quantity of water taken is :

    (A) 30 litres

    (B) 40 litres

    (C) 45 litres

    (D) 50 litres

31. If 2 dozen apples weigh 3 kg 600 gm, how many apples are there in 3 boxes weighing 26 kg 250 gm each?
    (A) 500   (B) 510
    (C) 515   (D) 525

32. Structural and functional unit of Kidney is :
    (A) Nephridia   (B) Nephron
    (C) Neuron   (D) Malpighian tubule

33. An ore contains 2% of copper. How much quantity of the ore is required to get 8·7 kg of copper?
    (A) 400 kg   (B) 410 kg
    (C) 425 kg   (D) 435 kg

34. The average daily rainfall during the month of February in the year 1808 in a city was 4·7 mm. What is the total rainfall during the month of February?
    (A) 13·63 cm   (B) 13·00 cm
    (C) 13·05 cm   (D) 13·25 cm

35. The Kathiawar Peninsula is situated in :
    (A) Rajasthan   (B) Maharashtra
    (C) Kerala   (D) Gujarat

36. Grains are bought at 4 kg for Rs. 28 and sold at 3 kg for Rs. 27. The gain or loss made by selling 80 kg grains is :
    (A) Gain Rs. 100   (B) Gain Rs. 160
    (C) Loss Rs. 50   (D) Loss Rs. 80

37. 10 pumps can raise 75 tons of water in 10 hrs. Time taken by 15 pumps to raise 100 tons of water is :
    (A) 7 hrs   (B) 8 hrs

    (C) $8\frac{8}{9}$ hrs   (D) 9 hrs

38. Value of $4\frac{1}{2}\%$ of 12 m is :
    (A) 50 cm   (B) 52 cm
    (C) 54 cm   (D) 56 cm

39. The chief guest in India's Republic Day parade function 2008 was :

(A) Vladimir Putin

(B) Nicolas Sarkozy

(C) Gordon Brown

(D) Jacques Chirac

40. In which phase of cell cycle DNA-replication occurs?

(A) G_1

(B) G_2

(C) 'S'-phase

(D) 'M'-phase

41. Find the number which when decreased by 8% becon 506 :

(A) 510

(B) 520

(C) 540

(D) 550

42. By selling a tape recorder for Rs. 600 a loss of Rs. 100 suffered. If the tape recorder be sold in order to gain 1 the price is :

(A) Rs. 800

(B) Rs. 806

(C) Rs. 812

(D) Rs. 818

43. Rajendra Pachauri headed the international panel on :

(A) Food production

(B) Climate change

(C) Refugee Settlement

(D) Disarmament

44. If 125 men can do a piece of work in 120 days, then in days the work can be done by :

(A) 110 men

(B) 120 men

(C) 135 men

(D) 150 men

45. The price of diesel increases from Rs. 12 per litre to Rs. per litre. Find the percentage increase in the price :

(A) 33%

(B) $33\frac{1}{2}$%

(C) $33\frac{1}{3}$%

(D) $33\frac{1}{5}$%

46. India Russia joint military exercise in 2007 was named :

(A) Shatrunash 2007

(B) Vajra 2007

(C) Cactus 2007

(D) Indra 2007

47. The heat producing gases present in coal gas are :
    (A) H_2, CO and CH_4
    (B) C_2H_4, C_2H_2 and C_6H_6 vapour
    (C) CO, O_2 and N_2
    (D) CO_2, butane and N_2

48. Find the difference between $\frac{13}{15}$ of Rs. 675 and $\frac{9}{16}$ of Rs. 656 :
    (A) Rs. 204   (B) Rs. 208
    (C) Rs. 212   (D) Rs. 216

49. Pushp Kumar Dahal is better known as :
    (A) Paras   (B) Prachanda
    (C) Baburam   (D) Girija Prasad

50. The safety limit of arsenic content in drinking water, recommended by the WHO is :
    (A) 0·01 mg/litre   (B) 0·1 mg/litre
    (C) 0·001 mg/litre   (D) 1 mg/litre

51. Who established Asiatic Society?
    (A) William Jones   (B) Max Muller
    (C) James Prinsep   (D) Rajendralal Mitra

52. When Rahul Dravid completed 10,000 runs in Test Cricket, his India companion on the field was :
    (A) Sachin Tendulkar (B) VVS Laxman
    (C) Wasim Jafar   (D) Saurav Ganguly

53. 12 cakes of soap weigh 5 kg and 604 gm. Find the weight of 5 cakes in kg :
    (A) 233·5   (B) 23·35
    (C) 2·335   (D) 2·533

54. Apala, Lopamudra, Gargi—these learned women belonged to which period?
    (A) Vedic period   (B) Maurya period
    (C) Kushan period   (D) Gupta period

55. A boy goes 6 km straight to the east and from there goes 8 km straight to the north. What is his displacement?

(A) 14 km

(B) 8 km

(C) 10 km

(D) 2 km

56. The Tibetans mark as 'uprising day' :

(A) 10th March

(B) 12th January

(C) 15th August

(D) 20th May

57. An article is bought for Rs. 750 and is sold at a gain of 20%. How much more will be gained, if the article is sold at a gain of 30%?

(A) Rs. 75

(B) Rs. 70

(C) Rs. 65

(D) Rs. 60

58. Number of tiles each $2\frac{1}{3}$ dm by 1 dm, required to cover the floor of a room, 20 m by 14 m is :

(A) 120

(B) 1200

(C) 12000

(D) 120000

59. The Bangla Band that defines its music as 'urban folk' is :

(A) Chandrabindoo

(B) Bhoomi

(C) Fossils

(D) Lakhichhara

60. Which Gupta ruler ended the Saka rule in western India?

(A) Samudragupta

(B) Chandragupta II

(C) Kumargupta I

(D) Skandagupta

61. Which of the following elements has no isotope?

(A) Sodium

(B) Uranium

(C) Carbon

(D) Chlorine

62. The perimeter of a square field having twice the area of a rectangular field, 9 m by 8 m is :

(A) 24 m

(B) 48 m

(C) 64 m

(D) 72 m

63. 'A Writer's People' is authored by :

(A) Vikram Seth

(B) VS Naipaul

(C) Jhumpa Lahiri

(D) Arundhati Roy

64. The Ratha type temples of Mahabalipuram were built by :
  (A) The Pallavas
  (B) The Cholas
  (C) The Pandyas
  (D) The Chalukyas of Badami

65. Interest on Rs. 600 for 5 years amounted to Rs. 60. The rate of interest is :
  (A) 1·5%
  (B) 2%
  (C) 2·5%
  (D) 3%

66. Mechanical advantage is always less than one in a :
  (A) First class lever
  (B) Second class lever
  (C) Third class lever
  (D) Inclined plane

67. Red Ribbon Express is :
  (A) New Train between Kolkata and Guwahati
  (B) Mobile exhibition for spreading awareness about HIV/AIDS
  (C) Rail tourism plan to connect Buddhist religious places in India
  (D) None of the above

68. Jaydev, author of Gitagobinda, was the court-poet of which Bengal ruler?
  (A) Dharmapala
  (B) Devapala
  (C) Ballalsena
  (D) Lakshmansena

69. The area of the path one metre wide surrounding a playground 60 metres long and 40 metres broad is :
  (A) 264 sq. m
  (B) 240 sq. m
  (C) 204 sq. m
  (D) 206 sq. m

70. The letters of which of the following series does not show lateral inversion infront of a mirror?
  (A) APC
  (B) PSR
  (C) OMU
  (D) BDO

71. Number of stones each $1\frac{1}{4}$ metres square, will cover a roof 40 metres square is :
    (A) 1004
    (B) 1040
    (C) 1440
    (D) 1024

72. During whose reign Fatehpur Sikri was built?
    (A) Akbar
    (B) Jahangir
    (C) Shah Jahan
    (D) Aurangzeb

73. USS Nimitz visited the Indian port of :
    (A) Mumbai
    (B) Vishakhapatnam
    (C) Chennai
    (D) Haldia

74. Source of tremendous energy in the sun is :
    (A) Nuclear fusion
    (B) Nuclear fission
    (C) Presence of lots of radioactive atoms
    (D) None of the above

75. Who was the founder of the Sikh religion?
    (A) Guru Nanak
    (B) Guru Arjan
    (C) Guru Tegh Bahadur
    (D) Guru Govind Singh

76. A sum of money triples itself, the rate of interest being 5% per annum. The time is :
    (A) 10 years
    (B) 20 years
    (C) 30 years
    (D) 40 years

77. The greatest number of 5 digits which is a perfect square is :
    (A) 10001
    (B) 99685
    (C) 99865
    (D) 99856

78. Green Park stadium is in :
    (A) Chennai
    (B) Mumbai
    (C) Mohali
    (D) Kanpur

79. Interest on Rs. 250 for 2 years 6 months at 6 paise per rupee per month is :
    (A) Rs. 450
    (B) Rs. 425
    (C) Rs. 400
    (D) Rs. 375

80. The first president of the Indian National Congress was :
    (A) Surendra Nath Banerjee
    (B) Womesh Chunder Bonnerjee
    (C) Dadabhai Naoroji
    (D) Badruddin Tyabji

81. The least number which should be added to 10000 so that the sum is exactly divisible by 237 is :
    (A) 10191   (B) 19011
    (C) 10911   (D) 19110

82. The smallest number by which 2187 is to be divided so that the quotient may be a perfect square is :
    (A) 3   (B) 5
    (C) 7   (D) 9

83. The amount from Rs. 360 for 1 year 4 months at 2 p.c. per annum is :
    (A) Rs. 362·50   (B) Rs. 365
    (C) Rs. 368   (D) Rs. 369·60

84. Barreto, the Mohun Bagan Club striker, is from :
    (A) Kenya   (B) Brazil
    (C) Cuba   (D) Spain

85. Simplify : $5 - [3 - 1 - \{2 - (5 + \overline{3 - 2})\}]$
    (A) 0   (B) −1
    (C) 1   (D) −2

86. The capital of British India was transferred from Calcutta to Delhi in :
    (A) 1905   (B) 1919
    (C) 1911   (D) 1914

87. The least number which on adding 10 is exactly divisible by 48, 72, 84 is :

(A) 1008   (B) 1018

(C) 998   (D) 990

88. A gardener plants an orchard with 5776 trees and arranges them so that the number of rows equals the number of trees in each row. The number of rows are :

(A) 74   (B) 75

(C) 76   (D) 77

89. Cooch-Behar Trophy is given in :

(A) Chess   (B) Bridge

(C) Cricket   (D) Football

90. The interest on a sum of money for 5 years at 6% is Rs. 75. The sum is :

(A) Rs. 200   (B) Rs. 225

(C) Rs. 250   (D) Rs. 275

91. The 'drain of wealth' was criticised by :

(A) Dadabhai Naoroji   (B) G. K. Gokhale

(C) Badruddin Tyabji   (D) Ramesh Chandra Dutt

92. The fraction by which $\frac{35}{42}$ should be multiplied so that the square root of the product is 1 is :

(A) $1\frac{1}{5}$

(B) $\frac{35}{42}$

(C) $\frac{24}{53}$

(D) $\frac{8}{7}$

93. The mascot of goodluck dolls of Beijing Olympic is known as :

(A) Jing   (B) Fuwa

(C) Pinyin   (F) Meilin

94. Interest on a sum of money for 3 years 4 months is $\frac{2}{15}$ of the principal. Rate percent per annum is :

   (A) Rs. 3
   (B) Rs. 4
   (C) Rs. 4·50
   (D) Rs. 5

95. Days are longer in India in :

   (A) December
   (B) September
   (C) June
   (D) March

96. The H.C.F. and L.C.M. of two numbers are 9 and 270 respectively. If one of the numbers is 54, the other number is :

   (A) 40
   (B) 45
   (C) 50
   (D) 55

97. Standing on the side of a railway track a man finds that a train of length 280 m crosses him in 14 seconds. The speed of the train is :

   (A) 55 km/hr
   (B) 66 km/hr
   (C) 72 km/hr
   (D) 80 km/hr

98. The H.C.F. of two numbers is P and their L.C.M. is Q. If one of the numbers be R, then the other number is :

   (A) $\dfrac{PQ}{R}$
   (B) $\dfrac{PQ}{Q}$

   (C)
   (D) 1

99. Dronacharya Award is given for excellence in :

   (A) Archery
   (B) Wrestling
   (C) Sports coaching
   (D) Boxing

100. The Teesta Gorge is seen in the river's :

   (A) Upper Course
   (B) Middle Course
   (C) Lower Course
   (D) At its delta

ANSWER

1. (A), 2. (A), 3. (C), 4. (A), 5. (D),
6. (B), 7. (D), 8. (A), 9. (A), 10. (C),
11. (C), 12. (A), 13. (C), 14. (C), 15. (C),
16. (D), 17. (C), 18. (A), 19. (A), 20. (C),
21. (C), 22. (B), 23. (D), 24. (C), 25. (C),
26. (D), 27. (C), 28. (C), 29. (B), 30. (D),
31. (D), 32. (B), 33. (D), 34. (A), 35. (D),
36. (B), 37. (C), 38. (C), 39. (B), 40. (C),
41. (D), 42. (C), 43. (B), 44. (D), 45. (C),
46. (D), 47. (A), 48. (D), 49. (B), 50. (C),
51. (A), 52. (D), 53. (C), 54. (A), 55. (C),
56. (A), 57. (A), 58. (C), 59. (B), 60. (B),
61. (A), 62. (B), 63. (B), 64. (A), 65. (B),
66. (C), 67. (B), 68. (D), 69. (C), 70. (C),
71. (D), 72. (A), 73. (C), 74. (A), 75. (A),
76. (D), 77. (D), 78. (D), 79. (A), 80. (B),
81. (A), 82. (A), 83. (D), 84. (B), 85. (B),
86. (C), 87. (C), 88. (C), 89. (C), 90. (C),
91. (D), 92. (A), 93. (B), 94. (B), 95. (C),
96. (B), 97. (C), 98. (A), 99. (C), 100. (A).

P.S.C. CLERKSHIP EXAMINATION—2007
(Held on 15/06/08) (2nd Half)

1. The first woman president of the Indian National Congress was :
   - (A) Annie Besant
   - (B) Sarojini Naidu
   - (C) Nellie Sengupta
   - (D) Aruna Asaf Ali

2. According to Economic Survey of 2007-08, India's largest trade partner is :
   - (A) USA
   - (B) Russia
   - (C) China
   - (D) Great Britain

3. Which of the following atoms has no neutron in the nucleus?
   - (A) Nitrogen
   - (B) Hydrogen
   - (C) Helium
   - (D) Neon

4. The author of the drama, Nildarpan was :
   - (A) Michael Madhusudan Dutt
   - (B) Dinabandhu Mitra
   - (C) Dwijendra Lal Roy
   - (D) Girish Chandra Ghosh

5. A rectangular court 60 metre long and 40 metre broad has within it a path 2 metre wide round it. The area of the path is :
   - (A) 348 sq.m
   - (B) 384 sq.m
   - (C) 380 sq.m
   - (D) 388 sq.m

6. Which of the following is not a part of Indo-US Next Steps in Strategic Partnership?
   - (A) High Tech trade
   - (B) Missile Defence
   - (C) Space Co-operation
   - (D) Aids prevention

7. The perimeter of a square equal in area to two squares whose sides are 8 m and 15 m respectively in length is :

(A) 17 m

(B) 34 m

(C) 68 m

(D) 289 m

8. If the velocity of a particle in doubled its kinetic energy becomes :

(A) Double

(B) Four times

(C) Half

(D) One-fourth

9. Who was known as the mother of Indian revolutionaries?

(A) Sister Nivedita

(B) Madame Cama

(C) Annie Besant

(D) Matangini Hazra

10. First Indian Wicketkeeper to lead a Test Team is :

(A) S. Kirmani

(B) F. Engineer

(C) K. More

(D) M. S. Dhoni

11. When the angle of incidence is equal to the critical angle, the angle of refraction is :

(A) 0°

(B) 90°

(C) 30°

(D) 45°

12. The principal that will amount to Rs. 1300 in $2\frac{1}{2}$ years a 12% per annum is :

(A) Rs. 900

(B) Rs. 1000

(C) Rs. 1100

(D) Rs. 1200

13. The Deccan Trap is made up of :

(A) Basalt

(B) Granite

(C) Gneiss

(D) Laterite

14. In article is sold for Rs. 1350 at a loss of Rs. 150. Find th loss as percent :

(A) 8%

(B) 9%

(C) 10%

(D) 11%

15. The team Lahore Badshahs in ICL was led by :

(A) Imran Farhat

(B) Shahid Afridi

(C) Shoaib Malik

(D) Inzamam-ul-Haq

16. Find the fraction which is as much greater than $\frac{5}{8}$ as is le than $\frac{3}{4}$:

(A) $\frac{3}{8}$

(B) $\frac{3}{16}$

(C) $\frac{11}{16}$

(D) $\frac{13}{16}$

17. The migrating sand dunes of the Thar Desert are called :
   (A) Marusthali
   (B) Barkhan
   (C) Dhrian
   (D) Seif

18. The least number of 4 digits which is perfect square is :
   (A) 1000
   (B) 1042
   (C) 1024
   (D) 1100

19. The amount from Rs. 200 for 3 years at 1 paise per rupee per month interest is :
   (A) Rs. 200
   (B) Rs. 72
   (C) Rs. 272
   (D) Rs. 250

20. Agha Khan Cup is given in :
   (A) Chess
   (B) Hockey
   (C) Football
   (D) Table Tennis

21. Chhotanagpur is a ——— plateau.
   (A) Intermontare
   (B) Dissected
   (C) Desert
   (D) Lava

22. Interest on Rs. 400 for 2 years 6 months at $7\frac{1}{2}$% per annum is :
   (A) Rs. 65
   (B) Rs. 70
   (C) Rs. 75
   (D) Rs. 80

23. The smallest number by which 486 is to be multiplied to make the product a perfect square is :
   (A) 2
   (B) 3
   (C) 4
   (D) 6

24. The number of goodluck dolls forming the Beijing Olympic Mascot is :
   (A) 2
   (B) 4
   (C) 5
   (D) 7

2-r

25. The Commercial Capital of India is :
   (A) Mumbai   (B) Delhi
   (C) Kolkata   (D) Chennai

26. A sum of money doubles itself, the rate of interest per annum being 12%. The time is :

   (A) 8 years   (B) $8\frac{1}{3}$ years

   (C) $8\frac{1}{2}$ years   (D) $8\frac{1}{4}$ years

27. The Narmada rises in the :
   (A) Satpuras   (B) Mahadev Hills
   (C) Amarkantak   (D) Mahendragiri

28. The sum lent at 5% interest p.a. will produce 1 rupee interest a day is :
   (A) Rs. 7300   (B) Rs. 7030
   (C) Rs. 7003   (D) Rs. 7303

29. The only cricketer awarded Rajiv Gandhi Khel Ratna is :
   (A) Sunil Gavaskar   (B) Kapil Dev
   (C) Rahul Dravid   (D) Sachin Tendulkar

30. —— is a gap in the Sahyadris.
   (A) Palghat   (B) Thalghat
   (C) Western Ghat   (D) Eastern Ghat

31. The number multiplied by itself, will gave 172225 is :
   (A) 400   (B) 415
   (C) 420   (D) 425

32. The largest 4 digit number which is exactly divisible by 135 is :
   (A) 9999   (B) 9099
   (C) 9990   (D) 9009

33. Who among the following is famous as the 'Tragedy Queen' of Indian cinema?
   (A) Madhubala   (B) Rekha
   (C) Mina Kumari   (D) Hema Malini

2-8

34. Regur soil is rich in :
    (A) Lime
    (B) Humus
    (C) Iron
    (D) Salt

35. The interest on Rs. 425 for 5 years is Rs. 21·25. Rate of interest is :
    (A) 1%
    (B) 1·25%
    (C) 1·50%
    (D) 1·75%

36. The smallest whole number by which $\frac{49}{27}$ should be multiplied so that the product is a fraction which is a perfect square is :
    (A) 3
    (B) 5
    (C) 7
    (D) 9

37. Mallika Sarabhai is associated with which of the following fields?
    (A) Social Service
    (B) Classical Music
    (C) Classical Dance
    (D) Sports

38. Simplify :
$$1 - \frac{x}{1 - \dfrac{1}{1 + \dfrac{x}{1 - x}}}$$
    (A) 1
    (B) zero
    (C) x
    (D) 1 + x

39. The largest cotton weaving centre of South India is :
    (A) Chennai
    (B) Coimbatore
    (C) Pondicherry
    (D) Mysore

40. Amjad Ali Khan is associated with which of the following musical instruments?
    (A) Violin
    (B) Sitar
    (C) Veena
    (D) Sarod

41. Time taken by a train of length 120 m moving with a speed of 60 km/hr to cross a bridge of length 330 m is :
    (A) 20 sec
    (B) 24 sec
    (C) 27 sec
    (D) 30 sec

42. Two numbers are in the ratio 4 : 7; and their difference 18. the greater number is :
   (A) 24
   (B) 42
   (C) 12
   (D) 21

43. Artificial fibres are products of the —— industry.
   (A) Cotton weaving
   (B) Jute
   (C) Silk
   (D) Petro-chemical

44. The L.C.M. and G.C.M. of two numbers are $\frac{4}{5}$ and respectively. If reciprocal of one number is $6\frac{1}{4}$, the other number will be :
   (A) $\frac{16}{625}$
   (B) 1
   (C) 25
   (D) $\frac{625}{16}$

45. Kamal Hasan is associated with :
   (A) Films
   (B) Music
   (C) Education
   (D) Art

46. 4 persons can finish a piece of work in 8 days working 4 hrs a day. Number of persons who will finish that work 4 days working 8 hrs a day is :
   (A) 7
   (B) 8
   (C) 9
   (D) 10

47. India's greatest mica belt is found in :
   (A) Ranchi
   (B) Rakha-hills
   (C) Kodarma
   (D) Ghatshila

48. The ratio between male and female teachers in a School 5 : 8. If there are 56 female teachers in the School, the total number of teachers is :
   (A) 35
   (B) 65
   (C) 70
   (D) 91

49. Vilayat Khan is associated with :

(A) Painting

(B) Classical Vocal Music

(C) Light Music

(D) Instrumental Music

50. Hugo Chavez is the President of :

(A) Nicaragua

(B) Brazil

(C) Venezuela

(D) Colombia

51. In a camp, there was sufficient food for 250 students to last for 18 days. Find how long the food last if 50 additional students join the camp?

(A) 15 days

(B) 12 days

(C) 16 days

(D) 20 days

52. The product of two numbers is 45 and the sum of their squares is 106. The numbers are :

(A) 5, 9

(B) 3, 15

(C) 45, 1

(D) 12, 4

53. Other than the Samjhauta Express, the train that links India and Pakistan is :

(A) Thar Express

(B) Moitree Express

(C) Delhi-Islamabad Express

(D) None of the above

54. Urea is synthesized in :

(A) Liver

(B) Spleen

(C) Heart

(D) Stomach

55. A, B and C individually can do a work in 6 days, 8 days and 12 days respectively. If they work together, they will finish the work in :

(A) $2\frac{1}{4}$ days

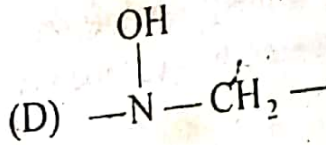(B) $3\frac{1}{2}$ days
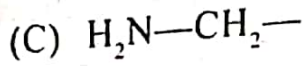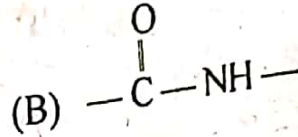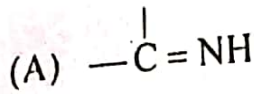
(C) $3\frac{1}{3}$ days

(D) $2\frac{2}{3}$ days

56. A and B together can do a work in 4 days. A alone would take 6 days to do it. How much time would B alone take to do the same work?

(A) 8 days

(B) 10 days

(C) 12 days

(D) 14 days

57. Cauvery River water dispute involves :

(A) Karnataka and Tamil Nadu

(B) Kerala and Andhra Pradesh

(C) Tamil Nadu and Andhra Pradesh

(D) Karnataka and Maharashtra

58. Three strings of length 50 m 75 cm, 68 m 58 cm and 121 m 3 cm are joined together to get a single longer string. If this single string is divided into 12 equal pieces, the length of each piece is :

(A) 20 m

(B) 20·1 m

(C) 20·3 m

(D) 20·03 m

59. Glomerulus is present in :

(A) Nephridia

(B) Nephron

(C) Liver

(D) Pancreas

60. A travelled 5 km in an hour. Distance travelled by him in 5 minutes is :

(A) 4·166 m

(B) 0·4166 m

(C) 416·67 m

(D) 4166·7 m

61. Gorkha Janmukti Morcha is headed by :

(A) Subhas Ghishing

(B) Vinay Tamang

(C) Bimal Gurung

(D) Prashant Tamang

62. If 45 is subtracted from 5 times a number, the difference is 100. The number is :

(A) 145

(B) 125

(C) 75

(D) 29

63. The greatest number of 3 digits which is exactly divisible by 28 and 40 is :
    (A) 999   (B) 100
    (C) 109   (D) 840

64. The Indian to score highest run in an innings of a Test Match is :
    (A) Sunil Gavaskar   (B) Sachin Tandulkar
    (C) Virendra Sehwag   (D) Rahul Dravid

65. A can finish a work in 12 days and B does it in 10 days. A and B, working together, can finish 5 times the work in :

    (A) 20 days   (B) $20\frac{2}{3}$ days

    (C) $25\frac{1}{4}$ days   (D) $27\frac{3}{11}$ days

66. In which phase of mitotic cell division sister chromatids are separated?
    (A) Prophase   (B) Metaphase
    (C) Anaphase   (D) Telophase

67. Apart from Tibet, in which of the following provinces of China the Tibetans are settled?
    (A) Qinghai   (B) Gansu
    (C) Yunnan   (D) All of the above

68. Average daily income of 8 men is Rs. 13·20 and that of another group of 14 men is Rs. 12·10. The average daily income of these 22 men is :
    (A) Rs. 12   (B) Rs. 12·50
    (C) Rs. 13   (D) Rs. 13·25

69. A typist types 70 pages in 3 hours 30 minutes. How long will she take to type 300 pages?
    (A) 12 hours   (B) 14 hours
    (C) 15 hours   (D) 16 hours

70. The Bangla film 'Anuranan' is directed by :

    (A) Aniruddha Roy Choudhury

    (B) Rituporno Ghosh

    (C) Sandip Ray

    (D) Aparna Sen

71. 15 men earn Rs. 630 in 12 days. 4 men will earn Rs. 112 in :

    (A) 6 days   (B) 8 days

    (C) 10 days   (D) 12 days

72. Product of two numbers is 4032 and their H.C.F. is 12. Their L.C.M. is :

    (A) 330   (B) 340

    (C) 336   (D) 346

73. Value of √3 is :

    (A) 1·372   (B) 1·273

    (C) 1·732   (D) 1·700

74. The main villain in Harry Potter novels is :

    (A) Voldemort

    (B) Dumbledore

    (C) Ron Weasley

    (D) Hagrid

75. 25 men can dig a pond, 12 m long, in 20 days. In 25 days 21 m long pond can be dug by :

    (A) 30 men   (B) 32 men

    (C) 35 men   (D) 38 men

76. Who first deciphered the Asokan inscriptions?

    (A) William Jones   (B) Max Muller

    (C) James Prinsep   (D) Charles Wilkins

77. If the mean of 15, 18, x, 14, 21, 26, 8 is 16, find the value of x :

    (A) 8   (B) 9

    (C) 10   (D) 11

78. What fraction is 270 gm of 3 kilogram?

(A) $\frac{3}{50}$

(B) $\frac{9}{100}$

(C) $\frac{7}{50}$

(D) $\frac{9}{80}$

79. 6 men can unload coal from one truck in 5 hours. Number of hours taken by 15 men to unload coal from 3 trucks is :

(A) 4 hours

(B) 6 hours

(C) 8 hours

(D) 10 hours

80. What was the name of the son of Gautam Buddha?

(A) Rahul

(B) Ananda

(C) Upali

(D) Mahendra

81. 25 gms NaCl is present in 250 ml solution. The percentage strength of the solution is : .

(A) 11·1%

(B) 9%

(C) 10%

(D) 25%

82. What per cent is 26 seconds of 6 minutes 30 seconds?

(A) 6%

(B) $6\frac{1}{2}$%

(C) $6\frac{1}{3}$%

(D) $6\frac{2}{3}$%

83. Value of $\frac{·81 \times ·005}{·45}$ is :

(A) ·009

(B) ·009

(C) ·9

(D) ·009

84. Who composed the Allahabad Prasasti of Samudragupta?

(A) Harisena

(B) Kalidas

(C) Bijaygupta

(D) Basubandhu

85. Length of fencing required to fence a square field of 441 square metre is :

(A) 42 m

(B) 84 m

(C) 48 m

(D) 24 m

86. Peptide bond is :

(A) $-\overset{|}{C}=NH$

(B) $-\overset{O}{\overset{||}{C}}-NH-$

(C) H_2N-CH_2-

(D) $-\overset{OH}{\overset{|}{N}}-CH_2-$

87. If 2·5% of a number is 15, the number is :

(A) 500

(B) 550

(C) 600

(D) 650

88. Which Delhi Sultan adopted measures to control market and prices?

(A) Iltutmish

(B) Balban

(C) Alauddin Khalji

(D) Muhammad Bin Tughlaq

89. Find the number which when increased by 30% becomes 39 :

(A) 30

(B) 32

(C) 34

(D) 36

90. γ-ray is :

(A) A stream of positively charged particles

(B) Electro-magnetic wave

(C) A stream of negatively charged particles

(D) None of the above

91. The number of voters in a town is 1,20,000. Out of them, 75% go for poll for an election between A and B. If B gets 45% of the votes polled, the votes polled for A is :

(A) 49,500

(B) 47,000

(C) 49,000

(D) 47,900

92. Who introduced the Kabuliyat and Patta system?

(A) Alauddin Khalji

(B) Sher Shah

(C) Akbar

(D) Aurangzeb

93. The circumference of a steam roller is 2 metres and it is 6 decimetres wide. Ground passed over by the roller in 120 complete revolutions is :
   (A) 140 sq.m   (B) 144 sq.m
   (C) 148 sq.m   (D) 160 sq.m

94. A body of mass 25 kg is acted upon by a force to produce an acceleration of 5 m/sec². The force is :
   (A) 125 Newton   (B) 5 Newton
   (C) 125 dyne   (D) 100 Newton

95. 12% of a money is Rs. 63. What is 40% of the money?
   (A) Rs. 200   (B) Rs. 210
   (C) Rs. 220   (D) Rs. 230

96. A shop-keeper buys three articles for Rs. 375, Rs. 580 and Rs. 428. He is able to sell these articles for Rs. 436, Rs. 635 and Rs. 350 respectively. The loss or gain to the shop-keeper on the whole is :
   (A) Gain Rs. 40   (B) Loss Rs. 40
   (C) Gain Rs. 38   (D) Loss Rs. 38

97. The founder of the Husain Shahi dynasty in Bengal was :
   (A) Husain Shah
   (B) Nusrat Shah
   (C) Ghiyas-uddin-Mahmud Shah
   (D) Raja Ganesh

98 A piece of cloth is 24·5 m long. How many pieces, each of length 1·75 m can be cut from it?
   (A) 14   (B) 15
   (C) 16   (D) 17

99. A florist bought 240 roses at Rs. 9 per dozen. If he sold all of them at Re. 1 each, his profit percentage is :
   (A) $33\frac{1}{2}\%$ (B) $33\frac{1}{3}\%$
   (C) $33\frac{1}{4}\%$ (D) $33\frac{1}{5}\%$

100. The author of Ain-i-Akbari was :
   (A) Akbar   (B) Abul Fazal
   (C) Faizi   (D) Jahangir

ANSWER

1. (A),   2. (C),   3. (B),   4. (B),   5. (B),

6. (B),   7. (C).   8. (B),   9. (B),   10. (A),

11. (B),   12. (B),   13. (A),   14. (C),   15. (D),

16. (C),   17. (C),   18. (C),   19. (B),   20. (B),

21. (B),   22. (C),   23. (D),   24. (C),   25. (A),

26. (B),   27. (C),   28. (A),   29. (D),   30. (B),

31. (B),   32. (C),   33. (C),   34. (A),   35. (A),

36. (A),   37. (A),   38. (A),   39. (B),   40. (D),

41. (C),   42. (B),   43. (D),   44. (B),   45. (A),

46. (A),   47. (C),   48. (D),   49. (D),   50. (C).

51. (A),   52. (A),   53. (A),   54. (A),   55. (D).

56. (C),   57. (A),   58. (D),   59. (B),   60. (B),

61. (C),   62. (D),   63. (D),   64. (C),   65. (D),

66. (B),   67. (A),   68. (B),   69. (C),   70. (A),

71. (B),   72. (C),   73. (C),   74. (D),   75. (C).

76. (C),   77. (C),   78. (B),   79. (B),   80. (A),

81. (C),   82. (D),   83. (A),   84. (A),   85. (B).

86. (B),   87. (C),   88. (C),   89. (A),   90. (B),

91. (A),   92. (B),   93. (B),   94. (A),   95. (B),

96. (C),   97. (C),   98. (A),   99. (B),   100. (B).