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

2-5

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 :

$$1 - \cfrac{x}{1 - \cfrac{1}{1 + \cfrac{x}{1-x}}}$$

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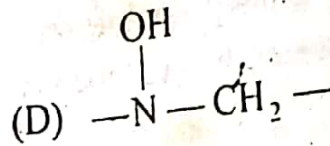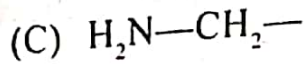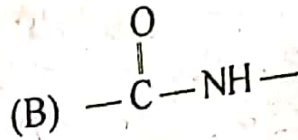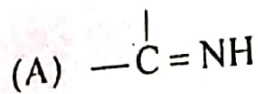   (D) $2\frac{2}{3}$ days

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 12 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) $\dfrac{3}{50}$ (B) $\dfrac{9}{100}$

   (C) $\dfrac{7}{50}$ (D) $\dfrac{9}{80}$

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) $6\dfrac{1}{2}\%$

   (C) $6\dfrac{1}{3}\%$ (D) $6\dfrac{2}{3}\%$

83. Value of $\dfrac{\cdot 81 \times \cdot 005}{\cdot 45}$ 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) $-\overset{\overset{\displaystyle O}{\|}}{C}-NH-$

(C) H_2N-CH_2-

(D) $-\overset{\overset{\displaystyle OH}{|}}{N}-\overset{|}{C}H_2-$

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).