

P.S.C. CLERKSHIP EXAMINATION—2007

(Held on 15/06/08) (1st Half)

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) Kanchenjunga
(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 $5.\dot{3} + 3.\dot{2}\dot{5} + 12.\dot{1}$ is :
(A) 20.069 (B) 20.069
(C) 20.069 (D) 20.69

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% becomes 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 10% 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 110 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. 15 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 in front 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-Bihar 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) $\frac{PQ}{R}$ (B) $\frac{PQ}{Q}$
(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). |