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**PUBLIC SERVICE COMMISSION  
INDUSTRIAL DEVELOPMENT OFFICER  
(IDO)EXAMINATION-2007**

Collected from memory

1. Which one of the following is not a carbohydrate?  
(A) Dextrose (B) Cellulose  
(C) Diastase (D) Starch

2. Fuse wire is made up of  
(A) 63% tin, 37% lead (B) 63% lead, 37% tin  
(C) 63% tin, 37% iron (D) 63% lead, 37% iron

3. When a money bill is passed by the Parliament, the President has the power to  
(A) amend it (B) reject it  
(C) keep it with lien (D) return it for reconsideration

4. The protein of the red pigment of the blood is called  
(A) Haem (B) Globin  
(C) Myoglobin (D) Oxyglobin

5. Kala-azar is caused by  
(A) Trypnosoma (B) Leishmania  
(C) Leptomonas (D) Entamoeba

6. Write down the missing number.  
4, 14, 30, ? 80, 114  
(A) 52 (B) 46  
(C) 55 (D) 60

7. The first Software Technology Park (STP) in West Bengal was set up at  
(A) Haldia (B) Salt Lake  
(C) Kalyani (D) Jadavpur

8. The present age of the father is equal to the square of that of the son. When the age of the son will be equal to half the present age of the father, then age of the father will be equal to 8 times the present age of the son. The present age of the father is  
(A) 36 (B) 49  
(C) 64 (D) 25

28. A planet has a diameter and average density twice that of the earth. The acceleration due to gravity on its surface will be  
 (A) G (B) 2G  
 (C) 4G (D) 8G

29. World Environment Day falls on  
 (A) June 5th (B) October 2nd  
 (C) November 10th (D) November 19th

30. Brahmo Samaj was founded in  
 (A) 1825 (B) 1828  
 (C) 1827 (D) 1830

31. Population density is highest in  
 (A) Kerala (B) Uttar Pradesh  
 (C) West Bengal (D) Maharashtra

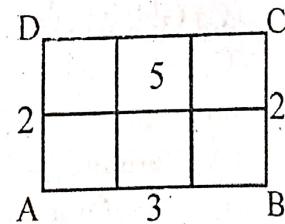
32. The Indian author who wrote The Continent of Circe—  
 (A) Mulk Raj Anand (B) Raja Rao  
 (C) V. S. Naipaul (D) Nirod C. Choudhury

33. The white, fleshy edible part of coconut is  
 (A) Epicarp (B) Mesocarp  
 (C) Endocarp (D) Endosperm

34. ABCD is a rectangle whose sides are 3 units and 2 units long. The length of the shortest path from A to C following the lines of the diagram is 5 units. How many different shortest paths are there from A to C?  
 (A) 10 (E) 3  
 (C) 12 (D) 6

35. A cistern can be filled up by a tap in 5 hours while it can be emptied by another tap in 6 hours. If both the taps are turned on together when the cistern is empty the time taken to fill up the cistern is  
 (A) 15 hrs. (B) 20 hrs.  
 (C) 25 hrs. (D) 30 hrs.

36. The kinetic energy of simple harmonic motion  
 (A) is never zero (B) becomes zero twice in each period  
 (C) is zero at equilibrium (D) is constant



37. The Sperms are produced by  
(A) Amitosis (B) Mitosis  
(C) Meiosis (D) None of the above

38. A nucleus has a mass number 202 and atomic number 84 and it emits an alpha particle followed by a beta particle. The final nucleus formed has an atomic number  
(A) 83 (B) 82  
(C) 198 (D) 80

39. Credit rating agency. Crisil has tied up with SIDBI to rate companies belonging to  
(A) Public Sector (B) SSI Sector  
(C) PRivate Sector (D) Multinationals

40. A two-digit number is 5 times the sum of the digits. The digits are reversed if 9 is added to the number. The number is  
(A) 54 (B) 45  
(C) 44 (D) 53

41. Which Bourbon King was overthrown by the July Revolution in France?  
(A) Louis XVIII (B) Charles X  
(C) Louis Philippe (D) Louis VI

42. The greatest hallmark of personal liberty is  
(A) Habeas corpus (B) Mandamus  
(C) Certiorai (D) Quo warranto

43. The atmospheric layer which reflects radio waves is called  
(A) Exosphere (B) Ionosphere  
(C) Stratosphere (D) Troposphere

44. If cost price : selling price = 10 : 11, the gain percent is  
(A) 5% (B) 10%  
(C) 50% (D) 100%

45. The product of two consecutive positive even numbers is 528. The numbers are  
(A) 12, 44 (B) 66, 8  
(C) 88, 6 (D) 22, 24

46. Which one of the following is an antioxidant?  
(A) Iodine (B) Sulphuric acid  
(C) Ascorbic acid (D) Nitric acid

6. 47. 'Bande Mataram' was first sung at the session of the Indian National Congress in  
 (A) 1886 (B) 1896  
 (C) 1894 (D) 1907

48. Which country does Jose Saramago, the recipient of the 1998 Nobel Prize for literature belong to ?  
 (A) Italy (B) Nicaragua  
 (C) Portugal (D) Spain

49. The term CII stands for  
 (A) Centre of Indian Industry (B) Confederation of Indian Industry  
 (C) Council of Indian Industry (D) Chambers of Indian Industry

50. Which is that first Indian State to have completely banned the use of plastic carry bags ?  
 (A) Haryana (B) Himachal Pradesh  
 (C) Jharkhand (D) Karnataka

51. The current in a 100 watt, 220 volts electric lamp is  
 (A) 2 amps (B) 1.1 amps  
 (C) 5/11 amp (D) 2200 amps

52. The sum of two positive numbers is 8 and their product is 15. The sum of the reciprocals is  
 (A)  $\frac{8}{15}$  (B)  $\frac{15}{8}$   
 (C)  $\frac{3}{5}$  (D)  $\frac{5}{3}$

53. Who was the author of 'Panchatantra' the ancient book of Indian fables ?  
 (A) Sivadasa (B) Vishnu Sarma  
 (C) Kshemankara (D) Betal Bhatta

54. Who was the Congress President when India attained independence ?  
 (A) Aruna Asaf Ali (B) Sardar Ballavbhai Patel  
 (C) J. B. Kripalani (D) Rajendra Prasad

55. The "sorrow of Bengal" is  
 (A) Teesta (B) Mahananda  
 (C) Rupnarayan (D) Damodar

56. Which of  
 (A) Anti  
 (C) Ele

57. With w  
 (A) Mi  
 (C) M

58. Of fiv  
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 numt  
 (A)  
 (C)

59. Wh  
 Ind  
 (A)  
 (C)

60. W  
 (A)  
 (C)

61. V  
 t

62.

63.

64.

56. Which one of the following dramas was not written by Sophocles ?  
(A) Antigone (B) Trojan Women  
(C) Electra (D) Oedipus Tyrannus

57. With which game the Uber Cup is associated ?  
(A) Men's Table Tennis (B) Women's Table Tennis  
(C) Men's Badminton (D) Women's Badminton

58. Of five numbers, the average of the first four is 26 and that of the last four is 25. The difference of the first and the fifth number is  
(A) 1 (B) 4  
(C) 2 (D) 5

59. Which British Governor General introduced postage stamp in India ?  
(A) Lord Dalhousie (B) Lord Auckland  
(C) Lord Canning (D) Lord William Bentinck

60. Which of the following is included in the Union List ?  
(A) Post and Telegraph (B) Criminal Law  
(C) Land Revenue (D) Police

61. Which one of the following fundamental rights has been omitted by the 44th amendment ?  
(A) Right to Freedom (B) Right to Life and Personal Liberty  
(C) Right to Religion (D) Right to Property

62. The ratio of two numbers is 7 : 8 and their sum is 60. Their H.C.F. is  
(A) 4 (B) 6  
(C) 2 (D) 8

63. A man encashed a cheque of Rs.700 from a bank and got 100 notes of Rs. 5 and Rs. 10. The numbers of Rs. 5 note is  
(A) 40 (B) 50  
(C) 60 (D) 70

64. The minimum value of  $\frac{5}{9}$ ,  $0.\overline{53}$ ,  $\sqrt{\frac{9}{64}}$  and  $(.8)^2$  is  
(A)  $\frac{5}{9}$  (B)  $0.\overline{53}$   
(C)  $\sqrt{\frac{9}{64}}$  (D)  $(.8)^2$

65. A bag contains some 1 Re and 50 paise coins amounting to Rs. 260. If of 1 Re coins be replaced by the same number of 50 paise coins, the total amount is Rs. 215. At first the number of coins of 1 Re was  
 (A) 160 (B) 180  
 (C) 80 (D) 90

66. Who was not a party of 'Triple Alliance'?  
 (A) Italy (B) Germany  
 (C) Austria (D) England

67. Of the following names, which one is not a drama?  
 (A) Death of a Salesman (B) The Doll's House  
 (C) Oliver Twist (D) Waiting for Godot

68. Which Indian footballer made a hattrick in Olympic football?  
 (A) P. K. Banerjee (B) Neville D' Souza  
 (C) S. Banerjee (D) P. Mewalal

69. The largest recipient of foreign direct investment (FDI) in South Asia during 2000 is  
 (A) China (B) Bangladesh  
 (C) India (D) Pakistan

70. The maximum stake that a foreign investor can have in an Indian company is  
 (A) 100% (B) 51%  
 (C) 49% (D) 25%

71. Which one of the following is used as a dental abrasive?  
 (A) Sodium bicarbonate (B) Calcium fluoride  
 (C) Titanium dioxide (D) Bismuth oxide

72. The formation of an Interim Government which was set up on September 2, 1946 was first envisaged by  
 (A) Cripps Mission (B) Wavell Plan  
 (C) Cabinet Mission Plan (D) None of the above

73. If 5 times of a positive whole number is 3 less than twice the square of the number. The number is  
 (A) 3 (B) 5  
 (C) 7 (D) 9

74. The simplest value of  $99\frac{1}{7} + 99\frac{2}{7} + 99\frac{3}{7} + 99\frac{4}{7} + 99\frac{5}{7} + 99\frac{6}{7}$  is  
 (A) 100 (B) 693  
 (C) 597 (D) 594

75. In an election 10% of the total voters remained absent. 3% of casted votes were rejected. The elected candidate defeated his rival by getting 56% of the legal votes in 2619 votes. The total of voters was  
(A) 20,000 (B) 25,000  
(C) 30,000 (D) 40,000

76. The number which is reciprocal of itself is  
(A) 10 (B) 1  
(C) 100 (D) 1000

77. The number of Industrial Training Institutes (ITIs) in West Bengal is  
(A) 25 (B) 30  
(C) 22 (D) 28

78. Assume that the following three statements are true.  
I. All youngs are human beings  
II. All workers are human beings  
III. Some workers do think  
Given the following four statements  
(1) All youngs are workers (2) Some human beings think  
(3) No young thinks  
(4) Some human beings who think are not young  
Those which are logical consequences of I, II and III are—  
(A) 4 (B) 2  
(C) 2, 3 (D) 1, 4

79. The length of each side of a square is increased by 10%. Then its area is increased by  
(A) 10% (B) 31%  
(C) 12% (D) 21%

80. The SEBI is an agency that controls and regulates  
(A) the stock markets of the country  
(B) the commercial banks of the country  
(C) the PSUs of the country  
(D) the exports and imports of the country

81. Which gas was leaked from Union Carbide Factory to create Bhopal tragedy ?  
(A) Ammonia (B) Hydrocyanic acid  
(C) Phosphine (D) Methyl isocyanate

PSC, IDO -2007

10  
82. The cost of 2 tables and 3 chairs together is Rs.1075. Again the cost of 3 tables and 8 chairs together is Rs. 1875. The cost of each table is (B) Rs. 570  
(A) Rs. 750 (D) Rs. 425  
(C) Rs. 850

83. The Indian Institute of Information Technology, Calcutta was set up during the year. (B) 2000  
(A) 1999 (D) 1998  
(C) 2000-01

84. India has recently gone into a bilateral agreement with China to revamp its (B) Agricultural Sector  
(A) Steel Sector (D) It Sector  
(C) Power Sector

85. Which of the following has highest nutritive value ? (B) Soyabean  
(A) Maize (D) Arthar  
(C) Groundnut

86. Vallathol is regarded as one of the greatest lyric poets of which language ? (B) Tamil  
(A) Kannad (D) Sindhi  
(C) Malayalam

87. Deepest lake in the world (B) Baikal  
(A) Eric (D) Aral  
(C) Wular

88. Karnam Malleswari got the Rajib Gandhi Khel Ratna award in 1996 for which sport ? (B) Weight Lifting  
(A) Shot Put (D) High Jump  
(C) Discuss Throwing

89. The longest Himalayan glacier is the (B) Baltoro  
(A) Blafo (D) Siachen  
(C) Gangotri

90. Growth rate of population is highest in (B) Bangladesh  
(A) India (D) Malayasia  
(C) Sri Lanka

91. Who wrote 'Harsha Charit' ? (B) Banabhatta  
(A) Kalidasa (D) Kalhan  
(C) Jaydev



## ANSWER

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