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# WBPSC

**Previous Year Paper**  
**IDO 2007**



# 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) Trypanosoma (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 on 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 lines 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

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) Mo  
 (C) M
58. Of five  
 the la  
 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  $\frac{5}{9}$ ,  $0.\dot{5}\dot{3}$ ,  $\sqrt{\frac{9}{64}}$  and  $(.8)^2$  is  
(A)  $\frac{5}{9}$  (B)  $0.\dot{5}\dot{3}$   
(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

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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  
 (A) Rs. 750 (B) Rs. 570  
 (C) Rs. 850 (D) Rs. 425
83. The Indian Institute of Information Technology, Calcutta was set up during the year.  
 (A) 1999 (B) 2000  
 (C) 2000-01 (D) 1998
84. India has recently gone into a bilateral agreement with China to revamp its  
 (A) Steel Sector (B) Agricultural Sector  
 (C) Power Sector (D) It Sector
85. Which of the following has highest nutritive value?  
 (A) Maize (B) Soyabean  
 (C) Groundnut (D) Arhar
86. Vallathol is regarded as one of the greatest lyric poets of which language?  
 (A) Kannad (B) Tamil  
 (C) Malayalam (D) Sindhi
87. Deepest lake in the world  
 (A) Eric (B) Baikal  
 (C) Wular (D) Aral
88. Karnam Malleswari got the Rajib Gandhi Khel Ratna award in 1996 for which sport?  
 (A) Shot Put (B) Weight Lifting  
 (C) Discuss Throwing (D) High Jump
89. The longest Himalayan glacier is the  
 (A) Blafo (B) Baltoro  
 (C) Gangotri (D) Siachen
90. Growth rate of population is highest in  
 (A) India (B) Bangladesh  
 (C) Sri Lanka (D) Malayasia
91. Who wrote 'Harsha Charit' ?  
 (A) Kalidasa (B) Banabhatta  
 (C) Jaydev (D) Kalhan



92. Who coined the term 'Socialism'?
- (A) Karl Marx (B) Robert Owen  
(C) Thomas Hodgsk in (D) William Thomson
93. During January 1991 to March 2004 the highest contribution in India's Foreign Direct Investment inflow was made by
- (A) USA (B) UK  
(C) Mauritius (D) The Netherlands
94. In which of the following State a world class Film city is being developed?
- (A) Andhra Pradesh (B) Goa  
(C) Haryana (D) Karnataka
95. Super conductors are those materials
- (A) which become non-conductors at transition point  
(B) which lose all electrical resistance when cooled below a certain temperature  
(C) in which resistance rises to infinity below a certain temperature  
(D) which conducts electricity at all temperature very well
96. In an examination, the candidates passed in Bengali, Mathematics and in both subjects are 85%, 70% and 65% respectively. If the total number of candidates is 60 the number of candidates failed in both subjects is
- (A) 39 (B) 12  
(C) 6 (D) 10
97. A man reduces the use of sugar by 25% due rise of price 25%. His cost of sugar then increases or decreases by
- (A) 50% increase (B) 50% decrease  
(C)  $6\frac{1}{4}\%$  increase (D)  $6\frac{1}{4}\%$  decrease
98. The area of a rectangle is 1350 sq.m. If the breadth is increased by 10 m and the length is decreased by 5m. it becomes a square. The length of the rectangle is
- (A) 30 m (B) 45 m  
(C) 135 m (D) 90 m
99. The number of registered factories in West Bengal is the highest in the district of
- (A) Howrah (B) 24 Parganas North and South combined  
(C) Nadia (D) Kolkata



100. An animal that is most active during the day-time is called  
 (A) Circadian (B) Diurnal  
 (C) Annual (D) Nocturnal

## 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) |         |         |         |         |    |