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**ASSISTANT  
RECRUITMENT EXAM.**



**ARE**

Dr. LAL & JAIN

 **UPKAR'S**  
**L.I.C.**  
**ASSISTANT**  
**RECRUITMENT EXAM.**

*By*  
*Dr. Lal & Jain*

**UPKAR PRAKASHAN, AGRA-2**

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# Contents

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● Solved Model Paper

**Paper-I**

**Part-I**

General Knowledge & Current Affairs.....		{ 1-79 1-16 1-16
------------------------------------------	--	------------------------

**Part-II**

Reasoning Ability.....		1-92
------------------------	--	------

**Part-III**

Numerical Ability.....		1-96
------------------------	--	------

**Part-IV**

English Language.....		1-48
-----------------------	--	------

**Paper-II**

**Part-I**

Essays.....		1-24
-------------	--	------

**Part-II**

Precis Writing & Comprehension.....		{ 1-16 1-16
-------------------------------------	--	----------------

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## General Information

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- **Eligibility Conditions**

**AGE :** Minimum 18 years (completed),  
Maximum 30 years.

Relaxations in Upper Age Limit :

OBC : 3 Years                      SC/ST/ : 5 Years

PH(GEN) : 10 Years      PH(OBC) : 13 Years

PH (SC/ST) : 15 Years

Ex-Servicemen : Actual period of service in the Defence Service plus 3 years subject to maximum age limit of 45 years. (In case of Disabled Ex-Servicemen belonging to Scheduled Caste/ Scheduled Tribe/OBC, maximum age limit of 50 years for SC/ST and 48 years for OBC is allowed).

Confirmed LIC Employees : Further relaxation of five years.

- **Educational Qualifications**

Graduates of a recognized University.

Candidates who have appeared for their Final Year Graduation Examinations in the current academic year and whose results are awaited may also apply. Such candidates, if selected, shall produce the original passing certificate and a copy of the same at the time of interview.

- (i) In terms of the Order dated 21 March, 2007 of the Hon'ble High Court of Delhi in LPA No. 678/2004 with LPA 690/2004, 710/2004, 722/2004, 1023/2004 and 1165/2004 candidates who have worked for 85 days in any two consecutive calendar years with the Corporation between 20 May, 1985 uptill date and who confirm to the required eligibility criteria for regular recruitment on the dates of their initial temporary appointment may also apply.
- (ii) Temporary employees who have worked for a minimum period of 85 days or more in a financial year and who are governed by the Life Insurance Corporation of India (Employment of Temporary Staff) Instructions, 1993 and who conform to the required eligibility criteria for regular appointment on the date of their initial temporary appointment, may also apply.

Candidates falling under category C (i) and (ii) will have to furnish a self attested copy of appointment letter and discharge letter given by the respective LIC offices where they had worked.

- **Selection Procedure**

- **Written Test**

Applicants will have to appear for a written examination at the centres that shall be allotted to them at their own expenses. The written examination will consist of two parts :

- (A) **Paper-I**

A rank determining Objectives Type Test of : (i) Numerical Ability, (ii) Reasoning Ability, (iii) General Knowledge, (iv) English.

- (B) **Paper-II**

A qualifying Test of Descriptive Type :

English AND Official State Language

**Candidates are required to pass in each test separately.** Merit Order will be decided on the aggregate score obtained in Paper-I. Corporation reserves the right to decide the minimum eligibility standard in order to restrict the number of candidates to be called for interview commensurate with the number of vacancies.

**Candidates found eligible in the written test as stated above will be called for interview.** Selection is on the basis of overall performance in the written test and interview. Further the appointment of candidates will be subject of his/her being found medically fit in the pre-recruitment medical examination.

- **Interview**

Successful candidates in the written test will be called for personal interviews at a later date.

- **Probation**

Successful candidates shall be given appointment as per the merit of the candidate. On appointment, candidates shall be placed on probation for a period of six months from the date of appointment which can be extended upto one year.

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**LIC**  
**Assistant Recruitment Exam.**  
**Solved Paper**  
(Based on Memory)

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## 2008

### Test-I Reasoning Ability

1. To know the average speed of Ramu on his bicycle, which statement is sufficient.

I. He pedals the first one-third of the distance at 15 km/hour.

II. For the next one hour is cycling at the rate of 10 km/hr, covering these by the remaining distance.

- (A) Only I (B) Only II  
(C) None of the two (D) Both I and II

2. If  $P + Q$  means P is the brother of Q;  $P \times Q$  means P is the father of Q and  $P \div Q$  means P is the mother of Q, then which statements shows R is the son of M.

- (A)  $M \times S \times R$  (B)  $M \times R \div S$   
(C)  $M \div S \div R$  (D)  $M \div R + S$

**Directions**—(Q. 3-4) Which of the series of letters obeys the rule that the number of letters missing between two letters is decreasing by one.

3. (A) GFDZUPE (B) GEBWSJF  
(C) DBYUPJC (D) DCAWRLB

4. (A) QXWUROKW  
(B) XVS OJDW  
(C) ZWTPKEY  
(D) ZVQMICY

5. Which will replace the question-mark (?) ?

14 : 9 :: 26 : ?

- (A) 12 (B) 13  
(C) 15 (D) 31

**Directions**—(Q. 6-7) Find the correct answer on the basis of equation.

6.  $3 \times 9 \times 8 = 983$ ,  $4 \times 7 \times 5 = 754$ ,  $5 \times 2 \times 4 = ?$

- (A) 542 (B) 452  
(C) 245 (D) 254

7.  $6 \times 9 \times 8 = 14$ ,  $5 \times 7 \times 8 = 12$ ,  $6 \times 8 \times 5 = ?$

- (A) 8 (B) 10  
(C) 12 (D) 14

8. Find the wrong term in the series.

1, 5, 10, 16, 27, 37, 49, 65

- (A) 10 (B) 16  
(C) 27 (D) 37

**Directions**—(Q. 9-10) Find the number which will replace the question-mark (?)

9. If  $a = 11$  (242) 121,  $b = 14$  (392) 196,  $c = 13$  (?) 169—

- (A) 182 (B) 338  
(C) 2197 (D) 28224

10.  $323 \times 41 = 14323$ ,  $137 \times 72 = 27731$ ,  $48 \times 87 = 7884$ ,  $34 \times 75 = ?$

- (A) 2550 (B) 7534  
(C) 5743 (D) 4357

11. In a certain code, MONKEY is written as XDJMNL. How is TIGER written in that code ?

- (A) UJHFS (B) SHFDQ  
(C) QDFHS (D) SDFHS

12. In a certain code STREAMLING is written as CGTVUHOJMN. How will the word PERIODICAL be written in that code ?

- (A) PJSFQMBDJE (B) QKTGRMBDJE  
(C) PJSFQMNBJE (D) QKTGRMCKEF

13. In a certain code language 'DETECTION' is written as VGVWXMLRG and 'STATEMENT' is written as GZGHVGMVN. How will 'SUBSCRIBE' be written in that code language ?

- (A) HYFHXYBRI (B) BMTNGNDPQ  
(C) HYGHXYBRI (D) BNTMNGDPQ

14. If TWENTY is coded as 863985 and ELEVEN is coded as 323039, how is TWELVE written in that code ?

- (A) 863063 (B) 863203  
(C) 863584 (D) 863903

15. In a coded message KANPUR is written as 75 and SRINAGAR is written as 79. How is BHOPAL written in that code ?  
 (A) 48 (B) 55  
 (C) 61 (D) 74

**Directions**—(Q. 16–20) In each of the following questions three out of the four terms marked (A), (B), (C) and (D), are identical in some way and one is different from the rest. Identify the term which is different or odd.

16. (A) cceeggii (B) ffhhll  
 (C) mmooqqss (D) ooqqssuu
17. (A) PPPtta (B) dOOOggh  
 (C) UUUmmo (D) HHHtoy
18. (A) KP (B) MN  
 (C) HR (D) GT
19. (A) DSFU (B) PGRI  
 (C) HRGQ (D) BUDW
20. (A) FSYLD (B) MYGHZ  
 (C) VYAKB (D) LMVOX

**Directions**—(Q. 21–25) Study the following arrangement of letters and symbols, and answer the questions given below—

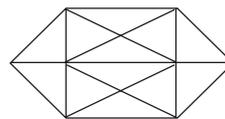
- D F J T \$ # P R Z Q ★ C M A B @ H K L S + ?
21. If all the symbols from the above sequence are dropped, which letter will be the seventh to the right of twelfth letter from right ?  
 (A) H (B) B  
 (C) K (D) A
22. If all the symbols of the above sequence are denoted by 7 and each letter is denoted by 5, then what will be the sum of all the elements of the sequence ?  
 (A) 142 (B) 138  
 (C) 132 (D) 122
23. If all the letters of the above sequence are dropped, which symbol will be from the left ?  
 (A) # (B) ★  
 (C) @ (D) +
24. If all the letters are written first in alphabetic order then after this all the symbols written, then which will next letter of the 5th letter from the left end ?  
 (A) A (B) B  
 (C) C (D) D

25. If all the symbols are arranged first and then after it all the letters are written, then which element will be 11th from the left end ?  
 (A) D (B) F  
 (C) P (D) T

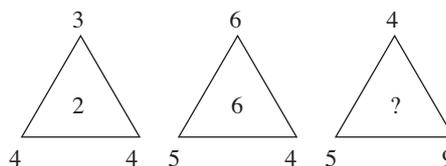
**Directions**—(Q. 26-27) Find the number among the four sets of numbers given in the alternatives which is most like the set given in the question.

26. Given set : (2, 14, 16)  
 (A) 2, 7, 8  
 (B) 3, 21, 24  
 (C) 4, 16, 18  
 (D) 2, 9, 16
27. Given set : (3, 12, 39)  
 (A) 7, 24, 75 (B) 6, 18, 54  
 (C) 9, 28, 24 (D) 11, 32, 95

28. How many triangles are in the figure given below—



- (A) 36 (B) 26  
 (C) 28 (D) 24
29. Which number will replace the question-mark (?) ?



- (A) 18 (B) 9  
 (C) 16 (D) 6
30. Which alternative will replace the question-mark on the basis of position of the letters in English alphabet ?  
 UPI, ?, ODP, MBQ, IAW  
 (A) SHJ (B) THK  
 (C) SIK (D) TIJ
31. Which alternative will replace the question-mark (?) in the following sequence ?  
 TG, HU, VI, JW, ?  
 (A) KY (B) YK  
 (C) XH (D) KK

32. If BAT is written as 283, CAT is written as 383 and ARE as 801, how BETTER will be written ?  
 (A) 213310 (B) 213301  
 (C) 123301 (D) 012334
33. Which number will replace the question-mark (?) ?  
 $335 : 216 :: 987 : ?$   
 (A) 867 (B) 888  
 (C) 869 (D) 967
34. Which alternative will replace the question-mark (?) in the following sequence ?  
 A7H, C14H, F5K, J25Q, O50T, ?, B25I  
 (A) V25Z (B) V5Z  
 (C) V28Z (D) U5Z
35. Three of the following four are similar in a certain manner and form a group. Which does not belong to the group ?  
 (A) Year (B) Time  
 (C) Day (D) Month
39. ?% of 450 = 45  
 (A) 6 (B) 12  
 (C) 24.3 (D) 10
40.  $\sqrt{1024} + \sqrt{?} = \sqrt{1600}$   
 (A) 3 (B) 64  
 (C) 576 (D) 24
41. If the rate of painting is Rs. 28 per sq. metre, what is cost of painting of the hall whose area is 729 sq. metres.  
 (A) Rs. 30240 (B) Rs. 20412  
 (C) Rs. 30420 (D) Rs. 37560
42. If the difference between a number and its  $\frac{2}{5}$  be 30, what is the number ?  
 (A) 57 (B) 60  
 (C) 75 (D) 50
43. The average income of 40 persons be Rs. 4200 and the average income of another 35 persons be Rs. 4000. What is app. average income of the whole group ?  
 (A) Rs. 4260 (B) Rs. 4106  
 (C) Rs. 4170 (D) Rs. 4180
44. The average of 5 consecutive even numbers A, B, C, D and E is 52. What is the product of B and E ?  
 (A) 2800 (B) 3024  
 (C) 2688 (D) 2912
45. If there fractions  $\frac{7}{8}, \frac{4}{5}, \frac{8}{14}, \frac{3}{5}$  and  $\frac{5}{6}$  are arranged in descending order, what will be the last fraction ?  
 (A)  $\frac{8}{14}$  (B)  $\frac{7}{8}$   
 (C)  $\frac{5}{6}$  (D)  $\frac{4}{5}$

## Test-II

### Numerical Ability

36. A train is running at 60 km/hr. It crosses a train which is running at 90 km/hr and half of its length in  $4\frac{1}{2}$  seconds in a tunnel. If the first train crosses the tunnel in  $4\text{ min. }37\frac{1}{2}$  seconds, what is the length of the tunnel?  
 (A) 4.6 km (B) 5.6 km  
 (C) 9 km (D) 8.5 km
37. If the difference between the compound interest and simple interest on a certain sum at 5% per annum for 2 years is Rs. 16, what is the sum ?  
 (A) Rs. 6400  
 (B) Rs. 6250  
 (C) Cannot be determined  
 (D) Rs. 6200
38. The marked price of an article is Rs. 750. If it is sold at a discount of 20% a profit of 25% is earned by dealer. What is its cost price ?  
 (A) Rs. 480 (B) Rs. 450  
 (C) Rs. 550 (D) Rs. 435
46. The ratio of managers and management trainees is 3 : 5. When 21 new management trainees are admitted then ratio becomes 3 : 8. What is the number of managers in the group ?  
 (A) 54 (B) 24  
 (C) 27 (D) 21
47. The value of  $23.415 \times 3324.1 \times 2.67$  is the same as that of—  
 (A)  $234.15 \times 997.23 \times 8.9$   
 (B)  $234.15 \times 332.41 \times 26.7$   
 (C)  $46.83 \times 49861.5 \times 0.89$   
 (D)  $46.83 \times 332.41 \times 13.35$

48.  $(256)^{0.18} \times (256)^{0.07} = ?$   
 (A) 4 (B) 6  
 (C) 8 (D) 64
49.  $1 \div [1 + 1 \div \{1 + 1 \div (1 + 1 \div 2)\}] = ?$   
 (A)  $\frac{1}{2}$  (B)  $\frac{2}{3}$   
 (C)  $\frac{3}{4}$  (D)  $\frac{5}{8}$
50. Three numbers are in the ratio 1 : 2 : 3 and their H.C.F. is 12. The numbers are—  
 (A) 12, 24, 36  
 (B) 10, 20, 30  
 (C) 5, 10, 15  
 (D) 4, 8, 12
51. The smallest number which when diminished by 3 is divisible 21, 28, 36 and 45 is—  
 (A) 423 (B) 1257  
 (C) 1263 (D) 1260
52.  $\frac{(0.6)^4 - (0.5)^4}{(0.6)^2 + (0.5)^2} = ?$   
 (A) 1.1 (B) 0.1  
 (C) 11 (D) 0.11
53.  $\sqrt{\frac{9.5 \times 0.0085 \times 18.9}{0.0017 \times 1.9 \times 2.1}} = ?$   
 (A) 0.15 (B) 0.5  
 (C) 15 (D) 250
54. The average weight of 9 mangoes increases by 20 gms, if one of them weighting 120 gms is replaced by another. The weight of the new mango (in gms) is—  
 (A) 180 (B) 200  
 (C) 260 (D) 300
55. The rent of a guest house was Rs. 50 per day for the first three days, Rs. 100 per day for the next 5 days and Rs. 300 per day for other days. The registration fee in the beginning is Rs. 50. If one has to pay Rs. 1300, for how many days he availed of the facility?  
 (A) 7 (B) 8  
 (C) 9 (D) 10
56. A certain number of two digits is three times the sum of digits and if 45 be added to it, the digits are reversed. The number is—  
 (A) 23 (B) 27  
 (C) 32 (D) 72
57. Ten years ago A was half of B, in age. If the ratio of their present age is 3 : 4, what is the total of their present ages (in years)?  
 (A) 20 (B) 30  
 (C) 35 (D) 40
58. If  $5^{x+3} = (25)^{3x-4}$ , then the value of  $x$  is—  
 (A)  $\frac{5}{11}$  (B)  $\frac{11}{5}$   
 (C)  $\frac{11}{3}$  (D)  $\frac{13}{5}$
59.  $\sqrt{2}$ ,  $\sqrt[3]{4}$  and  $\sqrt[4]{6}$  in ascending order are—  
 (A)  $\sqrt{2}$ ,  $\sqrt[3]{4}$ ,  $\sqrt[4]{6}$  (B)  $\sqrt[4]{6}$ ,  $\sqrt{2}$ ,  $\sqrt[3]{4}$   
 (C)  $\sqrt[4]{6}$ ,  $\sqrt[3]{4}$ ,  $\sqrt{2}$  (D)  $\sqrt{2}$ ,  $\sqrt[4]{6}$ ,  $\sqrt[3]{4}$
60.  $x\%$  of  $y$  is  $y\%$  of what?  
 (A)  $x$  (B)  $\frac{x}{100}$   
 (C)  $100x$  (D)  $\frac{y}{100}$
61. A number on subtracting 15 from it, reduces to its 80%. What is 40% of that number?  
 (A) 60 (B) 45  
 (C) 30 (D) 20
62. Profit after selling a commodity for Rs. 425 is the same as the loss after selling it for Rs. 355. What is the cost (in Rupees) of the commodity?  
 (A) 385 (B) 390  
 (C) 395 (D) 400
63. There would be 10% loss if a pen is sold at Rs. 10.80 per piece. At what price (in Rs.) should it be sold to earn a profit of 20%?  
 (A) 14.40 (B) 16.96  
 (C) 18.40 (D) 21.60
64. If  $x^2 + 4y^2 = 4xy$ , then  $x : y$  is—  
 (A) 1 : 1 (B) 1 : 2  
 (C) 2 : 1 (D) 2 : 3
65. A sum of Rs. 427 is to be divided among A, B and C such that 3 times A's share, 4 times B's share and 7 times C's share are all equal. The share of C (in Rupees) is—  
 (A) 84 (B) 147  
 (C) 196 (D) 240

# LIC Assistant Recruitment Exam.



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