

## LIC ADO Mock 1

Q.1. A shopkeeper purchased 150 identical pieces of calculators at the rate of ₹250 each. He spent an amount of ₹2500 on transport and packing. He fixed the labeled price of each calculator at ₹320. However, he decided to give a discount of 5% on the labelled price. What is the profit percent earned by the shopkeeper?

1. 20%
2. 16%
3. 15%
4. 14%

Q.2. An amount of ₹53 is divided among P, Q and R such that P gets ₹7 more than Q and Q gets ₹8 more than R. What is the ratio of their shares/

1. 16 : 9 : 18
2. 25 : 18 : 10
3. 18 : 25 : 10
4. 15 : 8 : 30

Q.3. A job can be done by 3 skilled workmen in 20 days or by 5 girls in 30 days. How many days will they take if they work together ?

1. 8 days
2. 10 days
3. 12 days
4. 11 days

Q.4. A car covers distance from Boston to Seattle at the speed of 56 km/hr and from Seattle to Boston at the speed of 53 km/hr. What is the average speed of the car?

1. 54.5 km/hr
2. 54 km/hr
3. 53/km/hr
4. 52.5 km/hr

Q.5. the speed of a boat in the still water is 15 km/hr and the rate of current is 3 km/hr. The distance travelled downstream in 12 minutes is?

1. 3.6 km
2. 2.4 km
3. 1.8 km
4. 1.2 km

Q.6. What time will the train take to pass a man who is walking in the direction of train at 6 kmph? When the train is 180 m long and travelling at 42kmph.

1. 21 sec
2. 25 sec
3. 18 sec
4. 24 sec

Q.7. What is the amount to be received after 2 years 6 month at the rate of 5% p.a. Of SI on a sum of ₹3200.

1. 3600
2. 3400
3. 3500
4. 3900

Q.8. the effective annual rate of interest corresponding to a nominal rate of 6% per annum payable half yearly is ?

1. 6.07%
2. 6.09%
3. 6.06%
4. 6.08%

Q.9. A typist uses a paper 30 cm by 15 cm. He leaves a margin of 2.5cm at the top and bottom and 1.25 cm on either side. What percentage of paper are approximately available for typing?

1. 64.4%
2. 65.9%
3. 72.9%
4. 69.4%

Q.10. How many such pairs of words are there in APPLICATION, each of which has as many letters between them as they have in the english alphabetical series (both backward and forward)?

1. More than 4
2. Less than 3
3. 3
4. 4

Directions 11-14: Read the information given and answer the questions following.

A,B,C,D,E,F and G are sitting around a circle of which five are facing the center while two are facing opposite to the center. C sits third to the left of D and both are facing the center. E is not the immediate neighbour of either of the two. The one sitting exactly between D and F is facing opposite the center. G is facing the center and sits third to the right of A. One of B's neighbours is facing opposite the center.

Q 11. What is the position of F with respect to B?

1. Second to left
2. Third to the left
3. Fourth to the left
4. Second to the right

Q 12. Excluding A, the position of how many will remain unchanged if all seven are asked to sit in clockwise direction and in an alphabetical order?

1. Three
2. Four
3. Two
4. One

Q 13. Which of the following pair represents persons, facing opposite the center?

1. E and A
2. F and B
3. F and C
4. C and E

Q 14. Who is sitting third to the left of A?

1. B
2. C
3. E
4. F

Q.15.

Statements:

Some Ocean are Seas

All Ocean are Rivers

No river is an Canal

Conclusions:

- I. All rivers can never be oceans
- II. All canals being ocean is a possibility

1. Only II follows
2. Both II and I follows
3. Only I follows
4. None Follows

Q.16.

Statements:

No day is Night

All Night are Noon

No Noon is evening

Conclusions:

- I. No evenings are nights
- II. All days being noon is a possibility

1. Only I follows
2. Only II follows
3. Both I and II follows

4. None Follows

Q.17. If in a certain code LANGUAGE is written as BMHOBVFH then in the same code how will SIMULATE be written as?

1. JVTMBNUF
2. JTVNBMFU
3. HRLTKZSD
4. HLTRKSDZ

Directions 18-20: A part of a sentence in each of the following questions has been left blank. From among the four options given select the one which would best fill in the blank.

Q.18. In India the talent is prodigious, and it increases \_\_\_\_.

1. each year
2. Annually
3. Progressively
4. year by year

Q.19. Education is central because electronic networks and software-driven technologies are beginning to \_\_\_\_ the economic barriers between nations.

1. Break
2. Break down
3. Crumble
4. Dismantle

Q 20. This is about \_\_\_\_ a sociological analysis can penetrate.

1. The outer limits that
2. Just how far into the subject
3. As far as
4. Just the relative distance that

Directions 21-22 Arrange the sentences 1,2,3 and 4 in a proper sequence so as to make a coherent paragraph.

Q.21.

1. Although the inability of some teachers to teach writing successfully remains a big stumbling block, a number of programmes have been developed to attack this problem.
2. Perhaps the best known is the Bay Area Writing Project, founded by James Gray in 1974.
3. Today's back-to-basics movement has already forced some schools to place renewed emphasis on writing skills.
4. The decline in writing skills can be stopped.

1. 4312
2. 2134
3. 2341
4. 3241

Q.22.

1. B. Today, it is committed to delivering the finest quality with over six million vehicles a year in over 200 countries across the world.
2. A. Almost a century ago, when the father of the modern automobile industry, Henry Ford, sold the first Model T car, he decided that only the best would do for his customers.
3. D. Thus, a vehicle is ready for the customer only if it passes the Ford 'Zero Defect Programme'.
4. C. And for over 90 years, this philosophy has endured in the Ford Motor Company.

1. 2143
2. 2431
3. 2413
4. 4321

Directions 23-24 In each question four options are given, three of the words are related to each other in some way. Select the word that does not fit in the relation.

Q.23.

1. Suffer
2. Withstand
3. Endure
4. Bear

Q.24.

1. Break
2. Hiatus
3. Bridge
4. Chasm

Q.25. Arrange sentences 1,2,3 and between sentences A and B, so as to form a logical sequence of six sentences.

A. Some of the maharajas, like the one at Kapurthala, had exquisite taste.

1. Kitsch is the most polite way to describe them.
2. Yeshwantrao Holkar of Indore brought in Bauhaus aesthetics and even works of modern artists like Brancusi and Duchamp.
3. In 1902, the Maharaja of Kapurthala gave his civil engineer photographs of the Versailles Palace and asked him to replicate it, right down to the gargoyles.
4. But many of them, as the available light photographs show, had execrable taste.

B. Like Ali Baba's caves, some of the palaces were like warehouses with the downright ugly next to the sublimely aesthetic.

1. 2314
2. 2413
3. 3214
4. 3241

### Answer Key

Q 1. 4	Q 2. 2	Q 3. 3	Q 4. 1	Q 5. 1
Q 6. 3	Q 7. 1	Q 8. 2	Q 9. 4	Q 10.2
Q 11. 2	Q 12. 3	Q 13. 1	Q 14. 3	Q 15. 4
Q 16. 3	Q 17. 2	Q 18. 2	Q 19. 2	Q 20. 3
Q 21. 1	Q 22. 3	Q 23. 2	Q 24. 3	Q 25. 4

### LIC ADO Mock Test 1 solutions

Solution 1.

Cost of each calculators = ₹(250 + 2500/150) = ₹266  $\frac{2}{3}$

Selling price of each calculator = (95/100 x 320) = ₹304

Therefore, Profit% = ( 112/3 x 3/800 x 100) % = 14%

Solution 2. Let R share be x

Then Q's share = (x + 8)

And P's share be = (x + 15)

so , (x + 15) + (x + 8) + x = 53

3x = 30

X = 10

Therefore, P : Q : R = 25 : 18 : 10

Solution 3.

1 day work of 3 men = 1/20

1 day's work of 5 girls = 1/30

(3 men + 5 girls)'s 1 day's work = (1/20 + 1/30) = 5/60 = 1/12

Therefore, 3 men and 5 girls will complete the work in 12 days.

Solution 4. Average speed of the car = (2 x 56 x 53/ 56 + 53) km/hr

5936/109 km/hr

= 54.45 km/hr i.e. 54.5 km/hr

Solution 5. Speed downstream = (15 + 3) = 18 Kmph

Distance travelled = (18 x 12/60) km = 3.6 km

Solution 6. Relative speed of train and man = (42 - 6) kmph = 36 kmph

(36 x 5/18) m/sec = 10 m/sec

therefore , time taken to pass the man = (180 /10) sec = 18 sec

Solution 7. Rate of Interest = 5% p.a.

Sum = 3200

Time = 2 years 6 months = 2  $\frac{1}{2}$  = 5/2 years

S.I = [P x T x R] / 100

$[3200 \times 5 \times 5] / 2 \times 100 = 400$   
Therefore, Amount = Sum + S.I =  $(3200 + 400) = 3600$ .

Solution 8.

Amount of rupees 100 for 1 year when compounded half-yearly =  $[100 \times (1 + 3/100)^2] = 106.09$   
Therefore, effective rate =  $(106.09 - 100)\% = 6.09\%$

Solution 9.

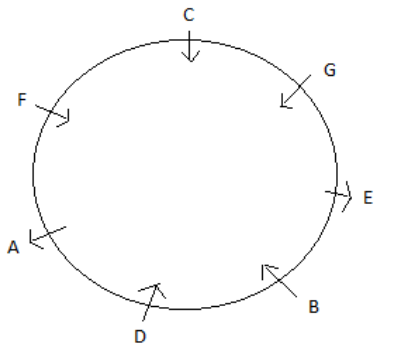
Are of the sheet =  $(30 \times 15) \text{ cm}^2 = 450 \text{ cm}^2$   
Are used for typing =  $[(30 - 5) \times (15 - 2.5)] \text{ cm}^2 = 312.5$

Therefore, required % =  $312.5 / 450 \times 100 = 69.4\%$

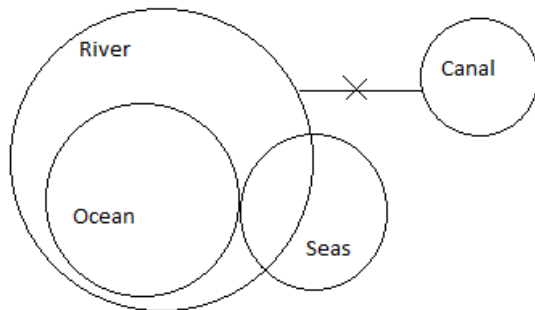
Solution 10.



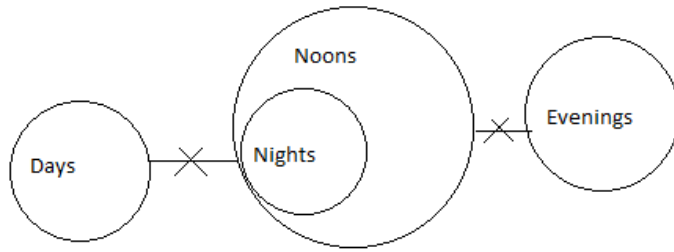
Solution 11-14.



Solution 15:



Solution 16.



Solution 17:

