

LIC AAO Prelims Memory Based Questions PDF

4th May 2019 (All Shifts)

Direction (1-5): In the following questions, relationships between different elements are shown in the statements. These statements are followed by two conclusions. Answer accordingly.

1. **Statements:**
 $A < J = N; H \geq Y \geq I > S = N$
Conclusions:
 I. $S = J$
 II. $S > J$
 A. Only conclusion I is true.
 B. Only conclusion II is true.
 C. Either conclusion I or II is true.
 D. Neither conclusion I nor II is true.
 E. Both conclusions I and II are true.

Ans: A

2. **Statements:**
 $T \geq J \geq F; U < J \geq H = S$
Conclusions:
 I. $S > F$
 II. $T \geq H$
 A. Only conclusion I is true.
 B. Only conclusion II is true.
 C. Either conclusion I or II is true.
 D. Neither conclusion I nor II is true.
 E. Both conclusions I and II are true.

Ans: B

3. **Statements:**
 $Y \geq U \geq H = Q; R \geq U = M$
Conclusions:
 I. $M > Q$
 II. $M = Q$
 A. Only conclusion I is true.
 B. Only conclusion II is true.
 C. Either conclusion I or II is true.
 D. Neither conclusion I nor II is true.
 E. Both conclusions I and II are true.

Ans: C

4. **Statements:**
 $L \leq F = G < W; H < S \leq L$
Conclusions:
 I. $S \leq G$
 II. $W > H$
 A. Only conclusion I is true.
 B. Only conclusion II is true.
 C. Either conclusion I or II is true.
 D. Neither conclusion I nor II is true.
 E. Both conclusions I and II are true.

Ans: E

5. **Statement:**
 $Q < R < S \geq T = F \geq Z$
Conclusions:
 I. $S > Z$
 II. $S = Z$
 A. Only conclusion I is true.
 B. Only conclusion II is true.
 C. Either conclusion I or II is true.
 D. Neither conclusion I nor II is true.
 E. Both conclusions I and II are true.

Ans: C

Direction (6-10): Study the following information carefully and answer the questions.

There are nine people A, B, C, D, E, F, G, H and I who are sitting around a circular table. All are facing towards the centre of the table. A is second to the right of B. H is the immediate neighbour of B. B is second to the right of D. There are three people who are sitting between C and H. E is second to the right of C. Only two people are sitting between D and F. I is sitting between B and A. E is an immediate neighbour of G but not a neighbour of H.

6. Who among the following is sitting 3rd to the right of G in the circular table?
 A. The one who is sitting between I and C.
 B. The one who is sitting to the immediate left of H.
 C. The one who is sitting second to the left of A.
 D. The one who is sitting to the immediate right of I.
 E. None of the above.

Ans: C

7. How many people are there between B and E when counted from E in the clockwise direction?
 A. 3
 B. 2
 C. 5
 D. 4
 E. None of these

Ans: D

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8. Which of the following is true?
A. A is sitting to the immediate left of I.
B. Three persons are sitting between G and F.
C. C is not an immediate neighbour of E.
D. G is sitting third to the right of B.
E. None of the above.

Ans: C

9. If A is related to B and H is related to G. In the same way, E is related to which of the following?
A. C
B. B
C. D
D. F
E. None of these

Ans: A

10. How many people are sitting between the one who is second to the left of F and the one who is third to the right of E in the circular table?
A. 1
B. 3
C. 5
D. 2
E. Either '2' or '5'

Ans: E.

11. How many such pairs of numbers are there in '624348', each of which has as many numbers between them (in both forward and backward directions) as they have between them in the original order?
A. One
B. Two
C. Three
D. Four
E. Five

Ans: D.

12. If HONESTY is written as INODTSZ, how can LENGTH be written in that code?
A. MDFUOG
B. MDFOUG
C. GDOFUM
D. GDFUOM
E. MDOFUG

Ans: E.

Direction (13-17): Study the following information and answer the given questions.

6 lectures were held on 10th and 25th of three different months- January, March and April. Lecture 4 was held on 25th March. Lecture 5 was held before lecture

1, but both of them were not held in the same month. Only 2 lectures were held between lecture 3 and lecture 2, which was held immediately after lecture 1. The number of lectures held before lecture 1 are equivalent to the number of lectures held after lecture 6.

13. Which lecture was held on 10th January?
A. Lecture 5
B. Lecture 1
C. Lecture 2
D. Lecture 3
E. None of these

Ans: A

14. How many lectures were held between lecture 6 and lecture 1?
A. 4
B. 3
C. 1
D. 2
E. None

Ans: D

15. If lecture 6 is related to lecture 4 and lecture 5 is related to lecture 3. In the same way, lecture 4 is related to which of the following?
A. Lecture 2
B. Lecture 1
C. Lecture 6
D. Lecture 3
E. Lecture 5

Ans: A

16. Which of the following lecture was held in a month which has 30 days?
A. Lecture 5
B. Lecture 3
C. Lecture 1
D. Lecture 4
E. Lecture 6

Ans: C

17. Which lecture was held on 25th April?
A. Lecture 5
B. Lecture 3
C. Lecture 1
D. Lecture 2
E. Lecture 6

Ans: D

Direction (18-22): In each of the following questions, some statements are given and these statements are followed by two conclusions numbered I and II. You have to take the given three statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

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18. **Statements:**
All papers are pens.
All pencils are pens.
Some pens are markers.
Conclusions:
I. Only a few pencils are papers.
II. Some markers are pencils.
A. Only conclusion I is true.
B. Only conclusion II is true.
C. Either conclusion I or II is true.
D. Neither conclusion I nor II is true.
E. Both conclusions I and II are true.

Ans. D.

19. **Statements:**
Some Questions are True.
Only few Answers are False.
Some Answers are True.
Conclusions:
I. Some False can be Questions.
II. All False are not True.
A. Only conclusion I is true.
B. Only conclusion II is true.
C. Either conclusion I or II is true.
D. Neither conclusion I nor II is true.
E. Both conclusions I and II are true.

Ans. A.

20. **Statements:**
Some Sofas are tables.
Only a few chairs are beds.
No table is a chair.
Conclusions:
I. No bed is sofa.
II. At least some chairs are sofa.
A. Only conclusion I is true.
B. Only conclusion II is true.
C. Either conclusion I or II is true.
D. Neither conclusion I nor II is true.
E. Both conclusions I and II are true.

Ans: D

21. **Statements:**
All leaves are trees.
Some trees are woods.
Conclusions:
I. Some trees are leaves.
II. Only a few leaves are woods.

- A. Only conclusion I is true.
B. Only conclusion II is true.
C. Either conclusion I or II is true.
D. Neither conclusion I nor II is true.
E. Both conclusions I and II are true.

Ans: A

22. **Statements:**
Some Sofas are tables.
Only a few chairs are beds.
No table is a chair.
Conclusions:
I. No Tables are beds.
II. Some beds being sofa is a possibility.
A. Only conclusion I is true.
B. Only conclusion II is true.
C. Either conclusion I or II is true.
D. Neither conclusion I nor II is true.
E. Both conclusions I and II are true.

Ans: B

Direction (23-25): Read the following information carefully and answer the questions given below.

Point B is 15m west of point A. Point C is 30m south of point A. Point G is 45m to the south of point D. Point E is 15m to the south of point B. Point F is 20m to the north of point A. Point D is 15m to the west of Point C.

23. What is the direction of point E with respect to A?
A. North B. South-west
C. North-east D. East
E. None of these

Ans. B.

24. If Point H is 15m to the north of point C, then what is the distance between E & H?
A. 15m B. 20m
C. 25m D. 30m
E. 10m

Ans. A.

25. What is the distance between point G and point B?
A. 75m B. 85m
C. 90m D. 95m
E. 100m

Ans. A.

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26. The surface area of a sphere is 400π sq. units. The diameter of the sphere is equal to the side of a square. Find the perimeter of the square.

- A. 120 units B. 80 units
C. 160 units D. 40 units
E. None of these

Ans. B

27. Two unbiased dices are rolled. What is probability of getting sum of their outcome as 6 ?

- A. $1/12$ B. $1/18$
C. $5/36$ D. $1/9$
E. None of these

Ans. C

28. Find out wrong term in the series
5, 14, 55, 274, 1641, 11500

- A. 55 B. 274
C. 1641 D. 11500
E. 5

Ans. C

29. Find out wrong term in the series
2.5, 3.5, 15, 60, 300, 1800

- A. 3.5 B. 15
C. 60 D. 300
E. 2.5

Ans. A

30. Find out wrong term in the series
513, 257, 129, 65, 31, 17, 9

- A. 257 B. 129
C. 65 D. 31
E. 17

Ans. D

31. Find out wrong term in the series
3, 5, 14, 55, 274, 1041

- A. 14 B. 55
C. 274 D. 1041
E. 5

Ans. D

32. Three years ago ratio of son & father's ages was 1: 9 respectively. Ratio of present ages of son & the mother is 4:21. Present ages of father is 6 years more than that of mother. Find out the age of the mother.

- A. 42 B. 45
C. 39 D. 48
E. None of these

Ans. A

33. Find out the approximate value of x.
 $x + 269.91 = 349.9$

- A. 78 B. 79
C. 80 D. 81
E. 82

Ans. C

34. Pipe A alone can fill the tank in 20 hrs. Pipe B alone can fill the tank in 10 hrs. A, B & C together can fill the tank 7.5 hrs. How many hrs will be taken by pipe C alone to empty the full tank ?

- A. 30 hrs B. 45 hrs
C. 60 hrs D. 90 hrs
E. 120 hrs

Ans. C

35. 30 kgs of sugar of cost price 20 Rs. per kg & 20 kgs of sugar of cost price is x Rs. per kg are mixed and the mixture is sold at 43.20 Rs. per kg at a profit of 50%. What is the value of x ?

- A. 40 Rs. per kg B. 42 Rs. per kg
C. 44 Rs. per kg D. 46 Rs. per kg
E. None of these

Ans. B

36. Train A passes, another train B which is running in opposite direction in 12 seconds. Speed of train A is 20 m/s. Length of the train A is 250 m and length of the train B is 350 m. What is the speed of train B?

- A. 15 B. 20
C. 25 D. 30
E. None of these

Ans. D

37. Find out the approximate value of x.

$$\sqrt{1224} - \sqrt{628} = \sqrt{x}$$

- A. 81 B. 100
C. 64 D. 121
E. 110

Ans. B

38. Find out the approximate value of x.
 $12^2 - x = 109.48$

- A. 33 B. 35
C. 37 D. 39
E. 31

Ans. B

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39. Find out the approximate value of x.
 $206.91 - x - 416.02 = 765.46$
 A. - 974
 B. - 971
 C. - 978
 D. - 969
 E. - 981

Ans. A

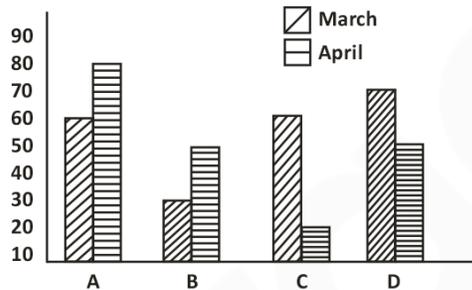
40. Find out the approximate value of x.

$$\sqrt{678} + 4 \times 15.24 - x = \sqrt{145}$$

- A. 73
 B. 71
 C. 75
 D. 79
 E. 77

Ans. C

41. Directions: Study the following information carefully and answer the questions given below. In the bar graph sugar sold by 4 different shops A, B, C and D (in kg) in the two months March and April is given.

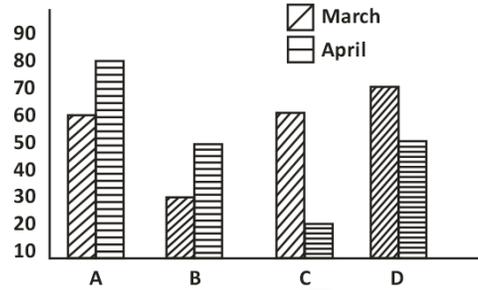


What is the ratio of the total sugar sold by the shop A and B together in March to total sugar sold by the shop D in both the month together?

- A. 6 : 5 B. 3 : 4
 C. 4 : 3 D. 3 : 5
 E. None of these

Ans: B

42. Directions: Study the following information carefully and answer the questions given below. In the bar graph sugar sold by 4 different shops A, B, C and D (in kg) in the two months March and April is given.

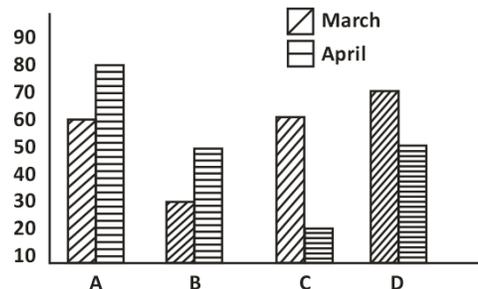


What is the difference of the total sugar sold by all the 4 shops in the month of March to total sugar sold by all the 4 shops in the month of April?

- A. 10 kg
 B. 15 kg
 C. 20 kg
 D. 25 kg
 E. None of these

Ans: C

43. Directions: Study the following information carefully and answer the questions given below. In the bar graph sugar sold by 4 different shops A, B, C and D (in kg) in the two months March and April is given.



Total sugar sold by shop C in the given two months is how much percent of total sugar sold by shop D in the given two months?

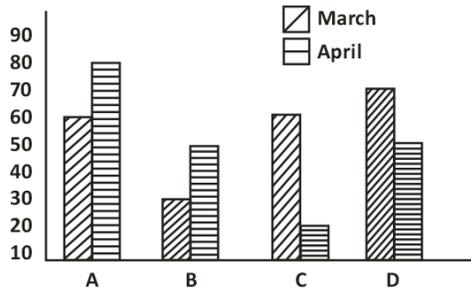
- A. $66\frac{2}{3}\%$ B. $33\frac{1}{3}\%$
 C. 25% D. 150%
 E. None of these

Ans: A

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44. Directions: Study the following information carefully and answer the questions given below. In the bar graph sugar sold by 4 different shops A, B, C and D (in kg) in the two months March and April is given.

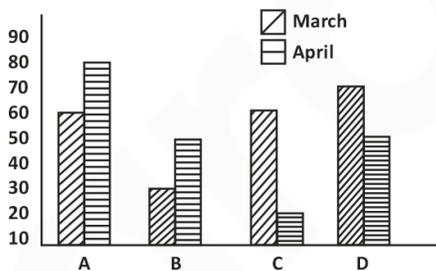


In the month of March, total sugar sold by shop B is how much percent more/less than that by shop C?

- A. 25% B. $33\frac{1}{3}\%$
 C. 50% D. 100%
 E. None of these

Ans: C

45. Directions: Study the following information carefully and answer the questions given below. In the bar graph sugar sold by 4 different shops A, B, C and D (in kg) in the two months March and April is given.

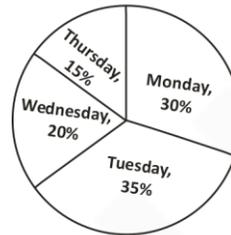


In the month of April the total sugar sold by another shop E is 40% more than the total sugar sold by shop B in March, then find the sugar sold by shop E in April?

- A. 42 kg B. 65 kg
 C. 78 kg D. 26 kg
 E. None of these

Ans. A

Directions (46-48): Study the following information carefully and answer the questions given below. In the pie-chart Percentage break up of total visitors on 4 different days Monday, Tuesday, Wednesday and Thursday is given. In the table total number of male visitors during these 4 days is given. The total number of visitors in the given 4 days together is 1200.



Days	Number of males
Monday	216
Tuesday	382
Wednesday	132
Thursday	144

46. What is the ratio of total number of female visitors to total number of male visitors on Monday and Thursday together?
 A. 2 : 1 B. 3 : 4
 C. 5 : 4 D. 9 : 5
 E. None of these

Ans : A

47. Out of the total number visitors on Wednesday, what percent were female?
 A. 30% B. $33\frac{1}{3}\%$
 C. 45% D. 50%
 E. None of these

Ans: C

48. What is the average number of female visitors in the given days?
 A. 78.5 B. 81.5
 C. 75 D. 90
 E. None of these

Ans : B

49. Find out the missing term in the series given below.
 5, 12, 24, 40, 59, ?
 A. 72 B. 78
 C. 80 D. 83
 E. 87

Ans. C

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- B. Never before have culture, economics and science developed so rapid within one century as during the Renaissance.
- C. They celebrated my tiniest improvements and insisted that I focus on a distant and idealistic future.
- D. The profession of the person wanting insurance will determine which body part will be insured and for how much.
- E. None of these.

Ans. B

Sol. All the sentences except B are correct. Here, "developed" is a verb, thus, an adverb is required to modify it. "Rapid" is an adjective and must be replaced by "rapidly" to make the sentence correct.

57. **Direction:** *The following question carries a word, which has been used in 3 different sentences given below it. Identify the statement(s) in which the word has been used correctly.*

Route

- 1) There was no real way to know which **route** she might've taken.
 - 2) All lines of communication were **routed** through Beijing
 - 3) The concept of arranged marriages is **routed** in the Indian culture.
- A. Only 1 B. Only 2
 C. Both 1 and 2 D. Both 2 and 3
 E. All 1, 2 and 3

Ans: C

Sol.

Route as a **noun** means a way or course taken in getting from a starting point to a destination.

Route as a **verb** means to send or direct along a specified course.

The word **route** must not be confused with **root** which means the basic cause, source, or origin of something. The last sentence must have rooted and not routed.

58. **Direction:** *The following question carries a word, which has been used in 3 different sentences given below it. Identify the statement(s) in which the word has been used correctly.*

Disclaimer

- 1) This **disclaimer** of perfect agreement renders the remaining portion of what he says redundant.
- 2) The tour guide gives a **disclaimer** saying the tourists must put on a sensible level of sunblock.
- 3) The **disclaimer** reminded viewers that the movie is a drama, not a documentary.

- A. Only 1 B. Only 2
 C. Both 1 and 2 D. Both 2 and 3
 E. All 1, 2 and 3

Ans. E

Sol.

As a **Noun** Disclaimer means a statement that denies something, especially responsibility.

In legal terminology, it means an act of repudiating a claim, warranty, or request.

Hence all the statements are correct.

59. **Direction:** Out of the three statements given below, one or more may be grammatically incorrect. Identify the incorrect statement(s) and choose the corresponding option as your answer.

- 1) In a unique endeavour, the Tihar jail has organised a musical reality show for its inmates, including foreign convicts.
 - 2) According to a senior prison official, the show, its title track, and promo will be screened at a special function on Saturday.
 - 3) The performance of the inmates was judged by eminent personalities from the film and music industry.
- A. Only 1 B. Only 2
 C. Only 1 & 2 D. Both 2 & 3
 E. None of these

Ans. E

Sol. All the given sentences are grammatically and structurally correct. Hence, the correct answer is E.

60. **Direction:** Rearrange the following seven sentences (A), (B), (C), (D) (E), (F) and (G) in a proper sequence to form a meaningful paragraph; then answer the questions that follow.

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(A) Fiscal credibility, important as it is to macroeconomic management, will make it possible to sustain India's current growth rate and to convert potential into actual growth.

(B) The Finance Minister has undertaken to clean up the clutter of tax incentives for the corporate sector to plug revenue leakages, in order to set the stage for lower tax rates.

(C) The focus will be on the budget-makers' tricks of funding subsidies through non-transparent, off-budget borrowings or higher taxes on fuel and so on.

(D) With inflation now under 4 per cent, interest rate cuts adding up to 125 basis points in the past 12 months, and the Centre and the States going all out to revive stalled projects and improve the ease of doing business, India remains well-poised on the path to economic recovery.

(E) He is bound to find the business lobbies less enthusiastic about giving up sops, and must resist pleas for their retention.

(F) On the road to fiscal correction, Finance Ministers walk, and are judged, alone.

(G) He will have to be unsusceptible too to excuses for delaying even further the urea prices de-control and other such expenditure-side reforms.

Which of the following will be the Fourth sentence?

- A. A
- B. B
- C. C
- D. D
- E. E

Ans. B

Sol. Refer to the last question of the series.

61. **Direction:** Rearrange the following seven sentences (A), (B), (C), (D) (E), (F) and (G) in a proper sequence to form a meaningful paragraph; then answer the questions that follow.

(A) Fiscal credibility, important as it is to macroeconomic management, will make

it possible to sustain India's current growth rate and to convert potential into actual growth.

(B) The Finance Minister has undertaken to clean up the clutter of tax incentives for the corporate sector to plug revenue leakages, in order to set the stage for lower tax rates.

(C) The focus will be on the budget-makers' tricks of funding subsidies through non-transparent, off-budget borrowings or higher taxes on fuel and so on.

(D) With inflation now under 4 per cent, interest rate cuts adding up to 125 basis points in the past 12 months, and the Centre and the States going all out to revive stalled projects and improve the ease of doing business, India remains well-poised on the path to economic recovery.

(E) He is bound to find the business lobbies less enthusiastic about giving up sops, and must resist pleas for their retention.

(F) On the road to fiscal correction, Finance Ministers walk, and are judged, alone.

(G) He will have to be unsusceptible too to excuses for delaying even further the urea prices de-control and other such expenditure-side reforms.

Which of the following will be the First sentence?

- A. A
- B. B
- C. C
- D. D
- E. F

Ans. D

Sol. Refer to the last question of the series.

62. Which of the following will be the Last sentence?

- A. E
- B. D
- C. C
- D. F
- E. A

Ans. D

Sol. Refer to the last question of the series.

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63. Which of the following will be the Third sentence?

- A. A
- B. F
- C. C
- D. B
- E. E

Ans. C

Sol. Refer to the last question of the series.

64. Which of the following will be the Fifth sentence?

- A. B
- B. F
- C. C
- D. D
- E. E

Ans. E

Sol. D is the opening statement as it provides the introduction and the background story of the topic in concern. A should follow D as it elaborates on the importance of the fiscal credibility which has been subtly mentioned in D. C is the next statement as it takes the discussion in A further forward. B is the next statement as it brings in the finance minister in the discussion, who is the person of interest in the further statements. E should be the next statement and should be further followed by G as they start with pronouns addressing the finance minister. F is the last statement as it gives the passage a concluding tone. So, the correct sequence is DACBEGF.

65. **Direction:** The following question carries a statement with four highlighted words. The words are denoted by (A), (B), (C) and (D). One of these words may either be misspelt or incorrect in the given context. Identify the incorrect word. If all of the words are correct, mark option E, 'All correct' as your answer.

By **created** (A)/ the most **precise** (B)/ lunar **gravity** (C)/ map, **scientists** (D) hope to find out what is beneath the lunar surface.

- A. A
- B. B
- C. C
- D. D
- E. All are correct

Ans. A

Sol. Here "creating" should be used in place of "created" in order to make sentence context appropriate.

66. **Direction:** The following question carries a statement with four highlighted words. The words are denoted by (A), (B), (C) and (D). One of these words may either be misspelt or incorrect in the given context. Identify the incorrect word. If all of the words are correct, mark option E, 'All correct' as your answer.

The more **scarce** (1)/ any **collectible** (2)/ item is, the **higher** (3)/ the **price** (4)/ tends to be.

- A. A
- B. B
- C. C
- D. D
- E. All are correct

Ans. B

Sol. In second part of sentence, "collectible" is wrongly spelt and the correct spelling is "collectable/ collectible".

67. **Direction:** The following question carries a statement with four highlighted words. The words are denoted by (A), (B), (C) and (D). One of these words may either be misspelt or incorrect in the given context. Identify the incorrect word. If all of the words are correct, mark option E, 'All correct' as your answer.

That old **modal** you saw (A)/ is quite **devoted** to you and I had (B)/ to tell him all about you - who you are, about your **residence** (C)/, your **income** (D), what prospects you have.

- A. A
- B. B
- C. C
- D. D
- E. All are correct

Ans. A

Sol. The incorrectly spelt word here is 'model' which means 'a person trying to imitate something.' The word 'modal' is incorrect which means 'relating to mode or form as opposed to substance.' Thus A is the correct answer.

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Sol. 'Word' can mean information about recent and important events, as in sentence 2. It can also mean 'promise', as in sentence 3. 'Words' however, is not an adjective, and has been incorrectly used in alternative 1. Hence, the correct answer is D.

72. **Direction:** The following question carries a word, which has been used in 3 different sentences given below it. Identify the statement(s) in which the word has been used correctly.

Shake

1) The council was hoping to **shake** a children's home into a residence for adolescent girls.

2) When a company goes out of

business, officials usually **shake** in to take control.

3) Businessmen are trying to **shake** off habits learned under six decades of a protected economy.

- A. Only 1 B. Only 3
C. Both 1 and 2 D. Both 2 and 3
E. All 1, 2 and 3

Ans. B

Sol. 'Shake off' as used in sentence 3, means to get rid off something. There is no phrasal verb as 'shake in' and shaking a residence doesn't make any sense whatsoever. Hence, the correct answer is B.

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