

PERCENTILE CLASSES

(Cause-Effect)

Directions to Solve

In each of the following questions, two statements numbered I and II are given. There may be cause and effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship. Read both the statements in each question and mark your answer as

- (A) If statement I is the cause and statement II is its effect;
(B) If statement II is the cause and statement I is its effect;
(C) If both the statements I and II are independent causes;
(D) If both the statements I and II are effects of independent causes; and
(E) If both the statements I and II are effects of some common cause.

1. Statements:

The prices of petrol and diesel in the domestic market have remained unchanged for the past few months.

The crude oil prices in the international market have gone up substantially in the last few months.

2. Statements:

The government has recently fixed the fees for professional courses offered by the unaided institutions which are much lower than the fees charged last year.

The parents of the aspiring students launched a severe agitation last year protesting against the high fees charged by the unaided institutions.

3. Statements:

The Reserve Bank of India has recently put restrictions on few small banks in the country.

The small banks in the private and co-operative sector in India are not in a position to withstand the competitions of the bigger in the public sector.

4. Statements:

All the schools in the area had to be kept closed for most part of the week.

Many parents have withdrawn their children from the local schools.

5. Statements:

India has surpassed the value of tea exports this year over all the earlier years due to an increase in demand for quality tea in the European market.

There is an increase in demand of coffee in the domestic market during the last two years.

6. Statements:

There is unprecedented increase in the number of young unemployed in comparison to the previous year.

A large number of candidates submitted applications against an advertisement for the post of manager issued by a bank.

7. Statements:

The police authority has recently caught a group of house breakers.

The citizens group in the locality have started night vigil in the area.

8. Statements:

Majority of the students in the college expressed their opinion against the college authority's decision to break away from the university and become autonomous.

The university authorities have expressed their inability to provide grants to its constituent colleges.

9. Statements:

The literacy rate in the district has been increasing for the last four years.

The district administration has conducted extensive training programme for the workers involved in the literacy drive.

10. Statements:

*The school authority has asked the X Std. students to attend special classes to be conducted on Sundays.
The parents of the X Std. students have withdrawn their wards from attending private tuitions conducted on Sundays.*

11. Statements:

*The Government has imported large quantities of sugar as per trade agreement with other countries.
The prices of sugar in the domestic market have fallen sharply in the recent months.*

12. Statements:

*There is sharp decline in the production of oil seeds this year.
The Government has decided to increase the import quantum of edible oil.*

13. Statements:

*The private medical colleges have increased the tuition fees in the current year by 200 per cent over the last year's fees to meet the expenses.
The Government medical colleges have not increased their fees in spite of price escalation.*

14. Statements:

*Large number of people living in the low-lying areas has been evacuated during the last few days to safer places.
The Government has rushed in relief supplies to the people living in the affected areas.*

15. Statements:

*It is the aim of the city's civic authority to get the air pollution reduced by 20% in the next two months.
The number of asthma cases in the city is constantly increasing.*

16. Statements:

*The local co-operative credit society has decided to stop giving loans to farmers with immediate effect.
A large number of credit society members have withdrawn major part of their deposits from the credit society.*

17. Statements:

*The employees of the biggest bank in the country have given an indefinite strike call starting from third of the next month.
The employees of the Central Government have withdrawn their week long demonstrations.*

18. Statements:

*Police resorted to lathi-charge to disperse the unlawful gathering of large number of people.
The citizens' forum called a general strike in protest against the police atrocities.*

19. Statements:

*Majority of the citizens in the locality belongs to higher income group.
The sales in the local super market are comparatively much higher than in other localities.*

20. Statements:

*The life today is too fast, demanding and full of variety in all aspects which at times leads to stressful situations.
Number of suicide cases among teenagers is on increase.*

21. Statements:

*The government has decided to make all the information related to primary education available to the general public.
In the past, the general public did not have access to all these information related to primary education.*

22. Statements:

*The farmers have decided against selling their kharif crops to the Government agencies.
The Government has reduced the procurement price of kharif crops starting from last month to the next six months.*

23. Statements:

*The performance of most of the students in final exam of class X in the schools run by the Government was excellent.
Many teachers of the Government schools left the school and joined private schools.*

24. Statements:

*There is considerable reduction in the number of people affected by water-borne diseases in City A during this rainy season.
The government has opened four new civil hospitals in City A in the beginning of the year.*

25. Statements:

*The prices of vegetables have been increased considerably during this summer.
There is tremendous increase in the temperature during this summer thereby damaging crops greatly.*

26. Statements:

*There has been a high increase in the incidents of atrocities against women in the city during the past few months.
The police authority has been unable to nab the culprits who are committing crime against women.*

27. Statements:

*Rural and semi-urban areas in the country have been suffering due to load shedding for quite some time.
If the Government is not able to overcome the power crisis, load shedding will be extended even to the urban areas.*

28. Statements:

*The university authority has instructed all the colleges under its jurisdiction to ban use of all phones inside the college premises.
Majority of the teachers of the colleges signed a joint petition to the university complaining the disturbances caused by cell phone ring-tones inside the classrooms.*

29. Statements:

*Most of the steel producing companies in the country have made considerable profit during the last financial year.
Many Asian countries have been importing huge quantities of steel from India.*

30. Statements:

*There is increase in water level of all the water tanks supplying drinking water to the city during the last fortnight.
Most of the trains were cancelled last week due to water-logging on the tracks.*

DIRECTIONS: Each question has a main statement followed by four statements labeled A, B, C and D. Choose the ordered pair of statements, where the first statement implies the second, and the two statements is logically consistent with the main statement.

31. If you once visit Baba's bar, you get addicted to liquor.

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|--|------------------------------------|--------|--------|
| 1. Ramesh got addicted to liquor. | 2. Ramesh didn't visit Baba's bar. | | |
| 3. Ramesh didn't get addicted to liquor. | 4. Ramesh visited Baba's bar. | | |
| (A) 14 | (B) 23 | (C) 32 | (D) 12 |

32. Whenever Ravi meets me, I become nervous.

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|-----------------------------|-------------------------|--------|--------|
| 1. I became nervous. | 2. Ravi didn't meet me. | | |
| 3. I didn't become nervous. | 4. Ravi met me. | | |
| (A) 23 | (B) 14 | (C) 32 | (D) 12 |

33. I take the pill X whenever I have a headache.

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|-----------------------|------------------------------|--------|--------|
| 1. I took the pill X. | 2. I didn't take the pill X. | | |
| 3. I had a headache. | 4. I didn't have a headache. | | |
| (A) 13 | (B) 24 | (C) 42 | (D) 12 |

34. Whenever I watch a movie, I feel jittery.

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|---------------------------|----------------------------|--------|-------------------|
| 1. I felt jittery. | 2. I watched a movie. | | |
| 3. I didn't feel jittery. | 4. I didn't watch a movie. | | |
| (A) 34 | (B) 43 | (C) 12 | (D) None of these |

35. Either Raju is black or he is white.

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|-------------------|-------------------|
| 1. Raju is black. | 2. Raju is white. |
|-------------------|-------------------|

3. Raju is not black. 4. Raju is not white.
 (A) 12 (B) 13 (C) 14 (D) 24

DIRECTIONS: In each of the following questions, a set of three statements labeled A, B and C is given. Mark your answer as valid if statements A and B together logically conclude and give statement C, else mark the set as invalid.

36. (A) All Greeks are humans.
 (B) All Athenians are Greeks. Valid/Invalid
 (C) All Athenians are humans.
37. (A) All rabbits are very fast runners.
 (B) Some horses are very fast runners. Valid/Invalid
 (C) Some horses are rabbits.
38. (A) Some mammals are not horses.
 (B) No horse is a centaur. Valid/Invalid
 (C) All centaurs are mammals.
39. (A) All people who are most hungry are people who eat most.
 (B) All people who eat least are people who are most hungry. Valid/Invalid
 (C) All people who eat least are people who eat most.
40. (A) Some reformers are fanatics.
 (B) Some idealists are fanatics. Valid/Invalid
 (C) All reformers are idealists.

DIRECTIONS: Read the information given below and answer the questions that follow.

A vending machine has five switches which when opened give Coca-cola, 7-Up, Mirinda, Limca and Pepsi depending upon the switches that are turned on.

The machine is such that each switch supplies two different drinks and each drink is supplied by two different switches. If two switches are turned on, the common drinks if any, nullify each other and will not come out at all. To get the drink that one wants, one has to turn on the right combination of switches, put in the money, press the delivery button, and get the drink.

Use the following information and answer the questions that follow.

TURNING ON SWITCHES:

- (a) 1 and 3 gives 7-Up and Mirinda.
 (b) 1 and 2 gives Coca-cola and Pepsi.
 (c) 1 and 4 gives Limca, Coca-cola, Mirinda and Pepsi.
 Switches 1, 2, 3, 4 and 5 do not supply 7-Up, Limca, Coca-cola, Mirinda and Pepsi resp.

41. Which drinks are supplied by turning on switches 2 and 3?
 A. Mirinda, Limca, 7-Up. B. Pepsi, Limca, 7-Up.
 C. Coca-cola and Mirinda. D. Coca-cola, Mirinda, Pepsi and 7-Up.
42. Which drinks are supplied by turning on switches 2 and 4?
 A. Coca-cola, Limca and Mirinda. B. Pepsi, Limca and Mirinda.
 C. Mirinda and Pepsi. D. None of these.
43. Coca-cola is one of the drinks which will be supplied by turning on switches.
 A. 1 and 3. B. 1 and 5.
 C. 2 and 4. D. 2 and 5.
44. Which switches should be turned on to get just Limca and Coca-cola?
 A. 2 and 3. B. 1, 2, 3 and 5.
 C. 1, 3 and 4. D. 2, 3 and 4.

45. Which drinks are supplied by turning on switches 1, 2 and 3?

- A. Pepsi, Mirinda, Coca-cola, 7-Up. B. Pepsi, Coca-cola, Limca, 7-Up.
C. Mirinda, 7-Up, Limca, Coca-cola. D. Coca-cola and 7-Up.

DIRECTIONS: Read the information given below and answer the questions that follow.

In a city called 'Haina', the natives only ask questions. They never make statements. They ask only such questions which can be answered in either 'Yes' or 'No'. There are only two types of natives living in that city. The 'X' types who ask only those questions whose correct answer is 'Yes' and the 'Y' types ask questions whose correct answer is 'No'

46. A native of 'Haina' asks you, "Am I of type Y?" What type is he?

- A. X. B. Y.
C. X or Y. D. Such a question cannot be asked.

47. Another native of 'Haina' asks you, "Am I of type X?" What type is he?

- A. X. B. Y.
C. X or Y. D. Such a question cannot be asked.

48. Mr. John asked his wife "Are we of different types?" What type is Mr. John?

- A. X. B. Y.
C. X or Y. D. Such a question cannot be asked.

49. In the previous question, what type is Mrs. John?

- A. X. B. Y.
C. X or Y. D. Such a question cannot be asked.

50. Mr. P asked someone "Are Mrs. P and I of the same type Y?" What type is Mrs. P?

- A. X. B. Y.
C. X or Y. D. Both are of the same type.

ANSWERS

1	D	11	A	21	B	31	C	41	D	51	
2	B	12	A	22	B	32	C	42	D	52	
3	B	13	C	23	D	33	B	43	D	53	
4	D	14	E	24	C	34	A	44	B	54	
5	C	15	B	25	B	35	C	45	D	55	
6	A	16	B	26	C	36	V	46	D	56	
7	E	17	D	27	E	37	I	47	C	57	
8	B	18	B	28	B	38	I	48	C	58	
9	B	19	A	29	B	39	V	49	B	59	
10	A	20	A	30	E	40	I	50	A	60	