General Studies & Mental Ability

Q.1. How many times in a day, are the hands of a clock in straight line but opposite in direction?

(A) 18

(B) 22

(C) 26

(D) 28

Q.2. An accurate clock shows 8 o'clock in the morning. Through how many degrees will the hour hand rotate when the clock shows 2 o'clock in the afternoon?

(A) 1460

(B) 1580

(C) 1750

(D) 1800

Q.3. At what time between 7 and 8 o'clock will the hands of a clock be in the same straight line but, not together?

(A) 6 min. past 7

(B)   min. past 7

(C)   min. past 7

(D) min. past 7

Q.4. At what time between 5.30 and 6 will the hands of a clock be at right angles?

(A) min. past 5

(B)   min. past 5

(C) 40 min. past 4

(D) 45 min. past 5

Q.5. A watch which gains 5 seconds in 3 minutes was set right at 7 a.m. in the afternoon of the same day, when the watch indicated quarter past 4 o'clock, the true time is:

(A) 3 p.m.

(B) 4 p.m.

(C) 5 p.m.

(D) 6 p.m.

Q.6. Statement: Rich people are very commonly suffering from heart attack.

Assumptions:

I. Most of the deaths of rich people are due to heart attack.

II. Poor people do not suffer the heart attack.

(A) Only assumption I is correct.

(B) Only assumption II is correct.

(C) Assumption I & II – both are correct.

(D) None of assumption I & II is correct.

Q.7. Consider the statement true: There are books in each library." Which of the following statements is definitely true?

(A) Books are only in the libraries.

(B) None of a library is without books.

(C) There are no readers in some libraries.

(D) Libraries are for books only.

Q.8. Statement: Our digest system gets affects because of the difficulties & fast life.

Assumptions:

I. Life is full of difficulties.

II. We do not have the security system of ancient time.

(A) Only assumption I is correct.

(B) Only assumption II is correct.

(C) Assumption I & II – both are correct.

(D) None of assumption I & II is correct.

Q.9. Statement: Quality of life is lowered in India because of the population bombardment.

Assumptions:

I. Population & quality of life are related to each other.

II. Quality of life in India is not related to the population.

(A) Only II is correct.

(B) I & II – both are correct.

(C) Only I is correct.

(D) I & II – both are not correct.

Q.10. Statement: The life is collapsed in the state because of the heavy rain in the odd season since last two days. Five persons are killed in that, but there is a relief in the scarcity of water in the state.

Actions:

I. The state government should form a committee to review on this situation.

II. The government should end all the bans related to the use of drinking water in all major cities of the state.

(A) None

(B) Only I.

(C) I & II – both

(D) Only II

Q.11. Statement: The management institutes of the city, which are not approved for running this type of courses by the local university or technical education board, have admitted so many students.

Actions:

I. The university & the technical education board should immediately cancel the approval of these management institutes.

II. The institutes should be asked to return the fees to the students & to admit the students for only granted courses.

III. All these students should be advised to get the admission in the granted courses at other institutions.

(A) Only I is followed.

(B) Only II is followed.

(C) Only III is followed.

(D) II & III – both are followed.

(D) None of the above.

Direction(12-16): It is expected to differentiate between the solid argument & the weak argument while -determining the important questions. The solid arguments are those which are important & directly related to the questions too. The weak arguments are not directly related to the question or related to the minor part of the questions & are of less or no importance.

In each of the following questions, two arguments 1 & 2 are given after the statement. You have to determine which of the argument is a strong argument & which is weak.

(A) If only 1 is a solid argument

(B) If only 2 is a solid argument

(C) Either argument 1 or 2 is solid

(D) Neither argument 1 or 2 is solid

(E) 1 & 2 – both are solid arguments.

Q.12. Statement:

If the foreign direct investment in the manufacturing of the defence equipment units should be permitted?

Argument:

1. Yes, it is only the way of modernising the defence equipment.

2. No, none of the country permits the direct foreign investment in this industry.

Q.13. Statement:

If the noticeable deduction in the long holidays of Indian judiciary system should be done?

Argument:

1. Yes, it will help to end the increasing no of pending cases.

2. No, the enough time is required for the preparation to settle the cases neutrally.

Q.14. Statement:

If the private companies should be given an opportunity in railway services like air lines?

Argument:

1. Yes, the service provided by the railways will be improved.

2. No, the private operators are not having enough resources to operate it.

Q.15. Statement:

If only one bus transport service agency like Mumbai should be in all other big cities?

Argument:

1. No, the monopoly of the company will be increased due to this, which can lead the under-development cities in their current situations.

2. Yes, it will help in managing the transportation/roads & determining the fares.

Q.16. Statement:

It the students of graduation courses should be examined by only assignments instead of the written examinations?

Argument:

1. No, it will be very difficult to identify the student's calibre because the assignments can be prepared with the help of others too.

2. Yes, the limitations of examining will be expanded where the entire course will be examined instead of some selected course.

Q.17. Statement: India is becoming an industrial country. Pollution is a problem related to the industrialization

Conclusion:

1. All the industrial hubs are polluted.

2. India is polluted.

3. Polluted nation is industrial.

4. India can be polluted.

(A) All are followed.

(B) None is followed.

(C) Only 4 is followed

(D) Only 2 is followed

Q.18. Statement:

1. All the radio sold in that shop are of high quality.

2. Some Murphy radio are sold in that shop.

Conclusion 1:

1. All high-quality radio are manufactured by the Murphy company.

2. Some Murphy radio are sold in that shop.

Conclusion 2:

1. All high quality radio are manufactured by the Murphy company.

2. Some Murphy radio are of high quality.

3. None of Murphy radio is of high quality.

4. Some high-quality Murphy radio are sold in that shop.

(A) Conclusion 1 & 2 only

(B) Conclusion 2 & 4 only

(C) Conclusion 1 & 3 only

(D) Conclusion 1 & 4 only

Direction (19-21)

(A) Conclusion 1 is logical.

(B) Conclusion 2 is logical.

(C) Conclusion 1 & 2 – both are logical.

(D) None of Conclusion 1 or 2 is logical.

Q.19. Statement: Unemployment is one of the major reasons for county's poverty.

Conclusion:

1. It is necessary to provide the employment opportunities to end the poverty.

2. All the people in the country are unemployed.

Q.20. Statement: The people in waiting list finally got the reservation in the Rajdhani Express.

Conclusion:

1. The passengers in waiting list generally get the reservation in the Rajdhani Express very toughly.

2. The no. of berths available in the Rajdhani Express are less than the expected.

Q.21. Statement: The sealed tenders are invited form the capable, experienced contractors for the high-level construction work.

Conclusion:

1. Tenders are invited from the capable, experienced contractors only.

2. It is difficult to know the capable people form the tenders regarding construction work.

Direction: (22-26) In each of the following questions, two statements are given & then two conclusions – I & II are given. Which logical conclusion/s can be drawn out as per statements?

(A) If only conclusion I is followed.

(B) If only conclusion II is followed.

(C) If both the conclusions are followed.

(D) If both the conclusions are not followed.

Q.22. Statement:

All the mice are cats.

Some mice are rabbits.

Conclusion:

I. Some cats are rabbits.

II. Some cats are mice.

Q.23. Statement

Some peacocks are leopards.

All the leopards are monkeys.

Conclusion:

I. Some peacocks are monkeys.

II. All peacocks are monkeys.

Q.24. Statement

All windows are needles

Some trees are windows.

Conclusions:

I. Some trees are needles.

II. Some trees are not needles.

Q.25. Statement:

All lamps are hooks.

Any hook does not lit.

Conclusion:

I. Some lamps are litting.

II. Any lamp does not lit.

Q.26. Statement

All the birds are dogs.

Some dogs are cats.

Conclusion:

I. Some cats are not dogs.

II. All dogs are not birds.

Direction (27-31): Eight executives - H, I, J, K, L, M, N & P are sitting around a circular table. M is third to the right of J & second to the left of K. H is at immediate left of I. P is at immediate right of K. L is third to the left of N.

Q.27. Which of the following pair of persons shows the nearest neighbor of 'M'?

(A) K, I

(B) L, I

(C) H, I

(D) H, L

Q.28. In which of the following pairs, second person is second to the right of first person?

(A) LI

(B) NL

(C) PJ

(D) None of these

Q.29. Which of the following is definitely correct?

(A) K is at immediate right to P

(B) P is second to the right of J

(C) H is at immediate left of J

(D) None of these

Q.30. Who is at immediate right of J?

(A) L

(B) I

(C) N

(D) H

Q.31. Who is second to the left of M?

(A) H

(B) P

(C) J

(D) K

Direction (32-36):

(i) Six people – K, L, M, N, O & P are working in different offices named U, V, W, X, Y, & Z but not necessarily in the same order:

(ii) L is a wife of O & is working in office X. None of a woman is working in office V & Z.

(iii) M is a sister of N. She is working in office U. P is working in office W & N is working in office V.

Q.32. How N is related to M?

(A) Brother

(B) Sister

(C) Sister or Brother

(D) Insufficient data

(E) None of these

Q.33. In which office is K working?

(A) Y

(B) Z

(C) V

(D) Cannot be determined

(E) None of these

Q.34. Which of the following is a definite pair of males?

(A) NP

(B) NK

(C) KP

(D) NO

(E) None of these

Q.35. Who is working in office Y?

(A) K

(B) L

(C) M

(D) Cannot be determined

(E) None of these

Q.36. At least how many males are among them?

(A) Two

(B) One

(C) Three

(D) Four

(E) None of these