

ANALYTICAL REASONING TEST

CODE: 4102

FINALS

Max. Marks : 60

Duration : 60Mins.

General Instructions :

1. Please find the Answer Sheets (OMR) with in the envelop given to you.
2. Mention your Test Code, Student ID, Name, Class, Section and School Name on the OMR Sheet as per Question Paper and Hall Ticket.
3. This question paper contains 50 Questions, duration is 60 minutes.
4. Do rough work in the empty sheet provided along with this question paper.
5. Answer questions in OMR sheet only.
6. Don't write or tick anything on the question paper.
7. Use only Black or Blue Ball Point Pen or Dark Percil to answer the question in OMR sheet.
8. Indicate the correct answer by darkening one of the 4 or 5 responses provided.
9. Submit only OMR sheet to the invigilator

Directions (Qs. 1– 4) : If the first letters of a foreign term 'H I P P N O W A D I A S M' are written in reverse order, next five letters are written without changing their order and then the remaining letters are again written in reverse order, then

1. Which letter will be exactly in the middle ?

- A) H B) P C) J
D) A E) W

2. Which letter will be sandwiched between 2 vowels?

- A) A B) P C) H
D) N E) M

Mental Ability Test & Analytical Reasoning Test

6. Name the people who are politicians, businessmen, poets and mathematicians.

- A) Bengalis B) Tamils C) Punjabis
D) Gujaratis E) Kashmiris

7. The people who are politicians, businessmen, poets and warriors.

- A) Bengalis B) Tamils C) Punjabis
D) Gujaratis E) Kashmiris

Directions (Q. 8 - 9) : Study the following information to answer the given questions :

- (i) Six friends A, B, C, D, E and F are seated in a circle facing each other.
(ii) A is between D and B and F is between C and E
(iii) C is the third to the left of B

8. Who is between F and D?

- A) D B) E
C) B D) Cannot be determined
E) None of these

9. Which of the following is the position of A in relation to F?

- A) Second to the left B) Second to the right
C) Fourth to the right D) Third to the right
E) None of these

Questions (10 -13) : Each of the question below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and

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Give answer (A) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are sufficient to answer the question.

Give answer (B) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

Give answer (C) if the data either in statement I alone or in statement II alone are sufficient to answer the question.

Give answer (D) If the data even in both statements I and II together are not sufficient to answer the question.

Give answer (E) If the data in both statements I and II together are necessary to answer the question.

10. How many students in Standard V of our school play chess?

I. No girl has interest in Chess.

II. In standard V there are 40 boys.

11. How old is Tomar?

I. Tomar could not appear for the final examination because he was short by two months for the stipulated 18 years of age in January this year.

II. He will become eligible for casting his vote, where minimum age limit is 18, in March this year.

12. Jai ranks 10th in the class. How many students are there in the class?

I. His class friend got 58th rank which is the last.

II. Jai's rank from the last (other end) is 49th.

13. How many brothers does Ramu have?

I. Ramu's father has three children

II. Ramu has two sisters.

Mental Ability Test & Analytical Reasoning Test

Directions (14 - 18): The following questions are based on the following statements. Read them carefully and find the correct answer out of the alternatives given under each.

Madhu and Shivani are good in Dramatics and Computer Science.

Asha and Madhu are good in Computer Science and Physics

Asha, Pratibha and Namita are good in Physics and History

Namita and Asha are good in Physics and Mathematics

Pratibha and Shivani are good in History and Dramatics

14. Who is good in Physics, History and Mathematics, but not in Computer Science?

- A) Pratibha B) Asha C) Madhu
D) Namita E) None

15. Who is good in Physics, History and Mathematics, but not in Computer Science?

- A) Asha B) Madhu C) Namita
D) Pratibha E) None

16. Who is good in Physics, History and Dramatics?

- A) Madhu B) Pratibha C) Asha
D) Shivani E) None

17. Who is good in Physics, Dramatics and Computer Science?

- A) Shivani B) Pratibha C) Madhu
D) Asha E) None

18. Who is good in Computer Science, History and Dramatics?

- A) Madhu B) Asha C) Namita
D) Shivani E) None

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Following information pertains to Questions (19 -20):

- In a family of seven, three generations are living at a time
- The family contains 2 married couples having 2 children each
- Gopal is lucky to have two grand children.
- There are two housewives and both are beautiful.
- Father of Manoj, Gopal is a lawyer and earns the most.
- Jyotsna is the sister of a lecturer and herself is a nurse.
- Anuradha is married to a lecturer, who is the son of Nidhi.
- Jyotika is grand daughter of one of the housewives and is a classical dancer.

19. Who are the children of Nidhi?

- A) Jyotsna and Manoj B) Anuradha and Jyotsna
C) Anuradha and Manoj D) Cannot be determined
E) None

20. Who among the following is one of the married couple?

- A) Gopal - Jyotika B) Nidhi - Gopal
C) Manoj - Jyotika D) Cannot be determined
E) None

Following information pertains to Questions (21-22)

Mrs. And Mr. Sharma have two kids Asha and Shashi. Shashi married Radha, daughter of Mrs. Mahagan. Suresh, son of Mrs. Mahajan marries Rita. Sonu and Rocky are born to Suresh and Rita. Uma and Sudha are the daughters of Shashi and Radha.

21. What is the surname of Sonu?

- A) Mahajan B) Sharma
C) Shashi D) Cannot be determined
E) None

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28. Which digit has the highest frequency leaving digit 9 in the above set of numbers.

- A) 8 B) 7 C) 5
D) 3 E) None

29. There are pairs of adjoining figures which add up to 12. How many such pairs are there?

- A) 1 B) 2 C) 3
D) 6 E) None

30. How many 3s are there not preceded by 9 but immediately followed by 9?

- A) 2 B) 3 C) 4
D) 5 E) 1

Questions (31- 34) : Five friends Lokesh, Manoj, Gopal, Raveesh and Rohit have agreed to work together on a part - time job offered by a local restaurant. The restaurant opens five days a week and this group have following schedules when they can work:

- i) Neeraj and Raveesh can work on Monday, Tuesday and Wednesday.
- ii) Raveesh and Rohit can work on Monday, Wednesday and Thursday.
- iii) Rohit and Lokesh can work on Monday, Friday and Thursday.
- iv) Lokesh and Manoj can work on Friday, Tuesday and Thursday.
- v) Neeraj and Manoj can work on Friday, Tuesday and Wednesday.

31. Which one of the five friends cannot work on Thursdays?

- A) Neeraj B) Raveesh C) Rohit
D) Lokesh E) Manoj

32. Which is the one who cannot work on Tuesdays?

- A) Neeraj B) Raveesh C) Rohit
D) Lokesh E) Manoj

33. Name the person who cannot work on Fridays.

- A) Neeraj B) Rohit C) Manoj
D) Raveesh D) Lokesh

34. Which one among the group cannot work on Monday?

- A) Neeraj B) Rohit C) Manoj
D) Raveesh D) Lokesh

Directions for Questions(35 -38) : Answer the question on the basis of the following information.

Four families decided to attend the marriage ceremony of one of their colleagues. One family has no kids, while the others have at least one kid each. Each family with kids has at least one kid attending the marriage. Given below is some information about the families, and who reached venue to attend the marriage.

- The family with 2 kids came just before the family with no kids.
- Shanthi who does not have any kids reached just before Sridevi's family.
- Anil is not the husband of Joya.
- Anil and Raj are fathers.
- Sridevi's and Anita's daughters go to the same school.
- Joya came before Shanthi and met Anita when she reached the venue.
- Raman stays the farthest from the venue.
- Raj said his son could not come because of his exams.

35. Which woman arrived third?

- A) Shanti B) Sridevi
C) Anita D) Joya

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36. Name the correct pair of husband and wife.

- A) Raj and Shanthi B) Sunil and Sridevi
C) Anil and Sridevi D) Raj and Anita

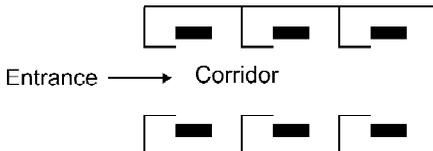
37. Of the following pairs, whose daughters go to the same school?

- A) Anil and Raman B) Sunil and Raman
C) Sunil and Anil D) Raj and Anil

38. Whose family is known to have more than one kid for certain?

- A) Raman's B) Raj's
C) Anil's D) Sunil's

Directions for Questions (39 - 42) : Answer the questions on the basis of the following information.



The plan above shows an office block for six officers, A, B, C, D, E, and F.

Both B and C occupy offices to the right of the corridor (as one enters the office block) and A occupies an office to the left of the corridor. E and F occupy offices on opposite sides of the corridor but their offices do not face each other. The offices of C and D face each other. E does not have a corner office. F's office is further down the corridor than A's but on the same side.

39. If E sits in his office and faces the corridor, whose office is to his left?

- A) A B) B C) C
D) D E) None

40. Whose office faces A's office?

- A) B B) C C) D
D) E E) None

41. Who is/are F's neighbour(s) ?

- A) A only B) A and D C) C only
D) B and C E) None

42. D was heard telling someone to go further down the corridor to the last office on the right. To whose room was he trying to direct that person?

- A) A B) B C) C
D) F E) None

Directions (43 - 47) : If the "DISINTERESTEDNESS" is rewritten by reversing the order of first seven and last six letter, then,

43. If all vowels are removed, which letter will have one preceding and one following letter in the same order as in the English alphabet?

- A) T B) D C) N
D) R E) S

44. Which letter will be the 10th letter towards right?

- A) R B) E C) T
D) S E) D

45. Which will be the sixth letter from end towards left?

- A) R B) E C) S
D) N E) T

46. Which consonant will be exactly in the middle?

- A) T B) E C) S
D) E E) None

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47. How many vowels are there to the left of the letter exactly in the middle?

- A) 1 B) 2 C) 3 D) 4 E) None

Directions (48 - 50): The following questions are based on the sequence of alphabets

a b c d e g h i j k l m n o p q r t s u v w x y z .

48. Which letter is missing in the above set of letter?

- A) j B) y C) f D) v E) none

49. Which letter is out of its normal position?

- A) t B) j C) d D) s E) r

50. How many vowels are there?

- A) 6 B) 4 C) 5 D) 7 E) 8

KEY TO MODEL PAPER-II

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|-------|-------|-------|-------|-------|-------|
| 1. E | 2. D | 3. E | 4. B | 5. B | 6. D |
| 7. A | 8. E | 9. D | 10. D | 11. A | 12. C |
| 13. E | 14. D | 15. C | 16. A | 17. D | 18. A |
| 19. A | 20. B | 21. A | 22. B | 23. B | 24. B |
| 25. A | 26. E | 27. C | 28. D | 29. D | 30. B |
| 31. B | 32. C | 33. B | 34. C | 35. A | 36. B |
| 37. C | 38. B | 39. C | 40. D | 41. A | 42. B |
| 43. E | 44. D | 45. C | 46. E | 47. C | 48. C |
| 49. A | 50. C | | | | |

