
MasterTech™ Personnel Potential Analysis™ System

IQ Test Questions - Form A

This is a test to determine your aptitude for solving problems. There are 80 questions in this test.

Do not get hung up on any one question. If it appears too difficult go on to the next one, you may have time to come back to the difficult one.

Sample Question:

1. Which of the five things listed is hard?

a. cotton **b.** iron **c.** wool **d.** lint **e.** silk

The correct answer is (b) iron, so you would fill in the space for (b) on the answer sheet.

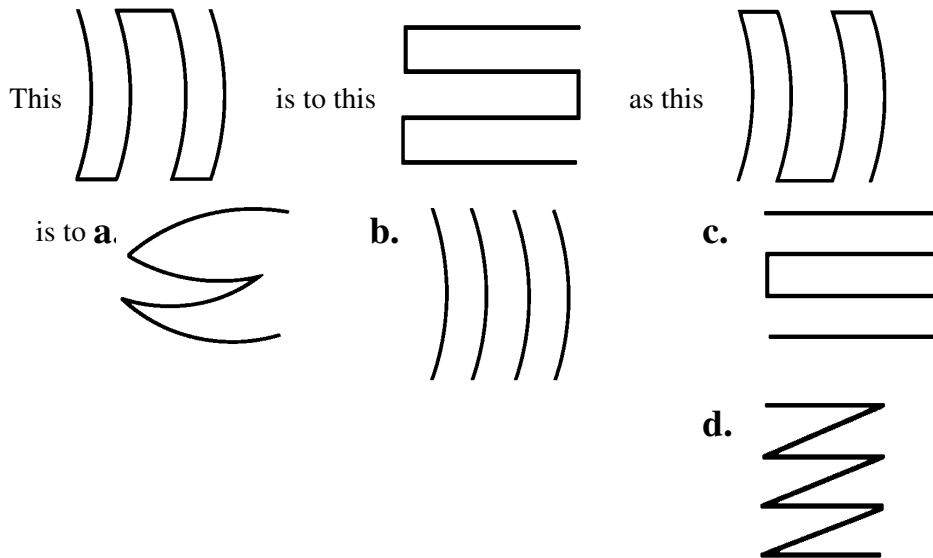
1. (a) ● (c) (d) (e)

You have thirty minutes for the test. No questions will be answered once you have started.

**TELL THE TEST ADMINISTRATOR YOU ARE READY
TO START.**

Turn the page and begin.

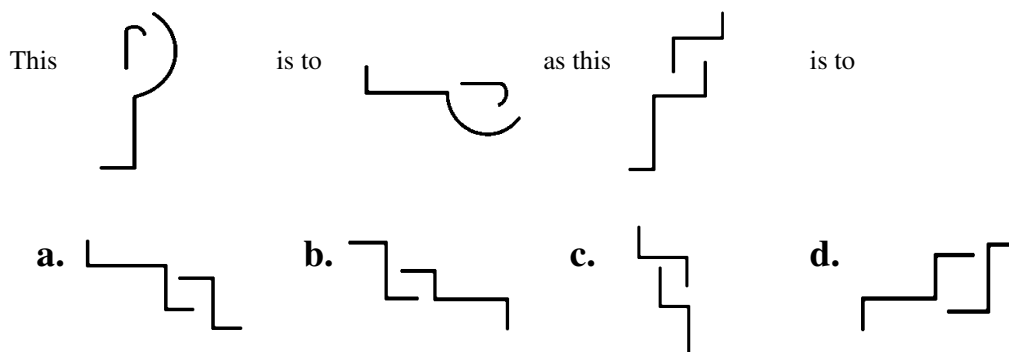
1. If two ice creams cost eight cents how many could you buy for eighty cents?
a. 160 **b.** 16 **c.** 20 **d.** 64 **e.** 6
2. A child does not always have
a. eyes **b.** nose **c.** toys **d.** lung **e.** mouth
3. A college is most likely to have
a. textbooks **b.** a blackboard **c.** a janitor **d.** a teacher **e.** pencils
4. Usually it is safer to judge character by
a. wealth **b.** appearance **c.** voice **d.** actions **e.** shoes
5. The first figure is related to the second in the same way as the third is related to one of the following four. Which one?



6. The opposite of awkward is
a. strong **b.** healthy **c.** beautiful **d.** slow **e.** graceful
7. The moon is related to the Earth as the Earth is to
a. Venus **b.** clouds **c.** the sun **d.** the stars **e.** the Universe
8. If the first two statements are true, the third is ?
George is older than Bill.
Harry is older than George.
Bill is younger than Harry.
a. true **b.** false **c.** uncertain
9. Which of the five words below is most unlike the other four?
a. swift **b.** quick **c.** speedy **d.** run **e.** fast
10. Which of these words come first in the dictionary?
a. forgotten **b.** furious **c.** failure **d.** fast **e.** fire

11. Diamonds are more costly than glass because they are
a. prettier **b.** purer **c.** transparent **d.** carbon **e.** scarcer
12. What letter in the word LONDONER is the same number in the word (counting from the beginning) as it is in the alphabet?
a. E **b.** O **c.** N **d.** L **e.** D
13. A memory that is not definite could be said to be
a. safe **b.** vague **c.** forgotten **d.** beautiful **e.** sad
14. If a dog can run 10 feet in 1/5th of a second, how many feet could he run in 20 seconds?
a. 500 **b.** 350 **c.** 2500 **d.** 1000 **e.** 250
15. Four of these five things are similar in some way, which item is dissimilar?
a. petrol **b.** oil **c.** wood **d.** electricity **e.** coal
16. If 5 crates of oranges weigh 200 pounds and each empty crate weighs 5 pounds, how many pounds of oranges are there in the five crates?
a. 205 **b.** 55 **c.** 175 **d.** 120 **e.** 195
17. One number is out of series in the following: 1, 6, 2, 7, 3, 8, 4, 9, 5, 9. Which number is incorrect?
a. 7 **b.** 9 **c.** 10 **d.** 12 **e.** 6

18.



19. If 2 1/2 yards of wire cost 15 cents what will 20 yards cost?
a. \$2.50 **b.** 35 cents **c.** 21 cents **d.** \$1.20 **e.** 75 cents
20. Four of these words are alike in some way. Which one is not so alike?
a. throw **b.** dislike **c.** reject **d.** answer **e.** listen
21. The opposite of economy is
a. buying **b.** miserly **c.** waste **d.** extravagance **e.** spending
22. A discussion always involves
a. an argument **b.** an office **c.** a chairman **d.** an audience **e.** a subject

23. Find the two letters in the word LOBOTOMY which have the same number of letters between them in the word as in the alphabet. Which of these two letters comes first in the alphabet?
a. T b. M c. L d. Y e. O
24. If the first two statements are true the third is ?
One cannot become a champion swimmer without much practice.
Jim frequently practices swimming.
Jim will be a champion swimmer.
a. true b. false c. uncertain
25. Which of these expressions is most unlike the other three?
a. fair to good b. handsome to beautiful c. small to little d. warm to hot
26. How many of the following words can be made from the letters in the word TRIANGLES using any letter any number of times?
Feelings, greatest, glorious, relating, greasiness, trials, reinstate.
a. 3 b. 6 c. 7 d. 5 e. 4
27. In physics the law of conservation of energy is
a. obsolete b. absolute c. hypothetical d. theoretical e. adjustable
28. Mat is to bat as ? is to stone.
a. luck b. hard c. grind d. mill e. prone
29. Which of these words is related to slow as many is to few?
a. stopped b. each c. going d. extra e. fast
30. The opposite of occasionally is
a. seldom b. periodically c. frequently d. never e. variably
31. A man and his wife, his two daughters and their husbands and four children in each daughter's family make up a party of ? persons.
a. 14 b. 12 c. 6 d. 9 e. 15
32. The opposite of affinity is
a. love b. encouragement c. joy d. hate e. fear
33. A cinema film is related to a photograph in the same way that ? is related to pond.
a. swimming b. waterfall c. yacht d. fish e. water
34. At a party there are always
a. drinks b. games c. guests d. cabaret e. waiters
35. A clock is related to time as scales are to
a. heavy b. motion c. weight d. ounces e. weighing machine
36. "Action of changing positions" is a good definition for
a. chaos b. activity c. rearrangement d. confusion e. promotion

37. If the first two statements are true, the third is ?

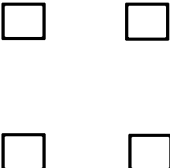
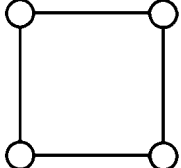
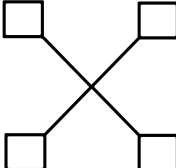
All students have passed their exams.
John has not passed his exam.
John is a student.

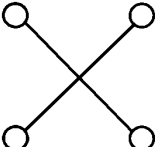
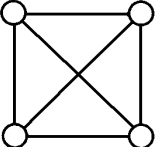
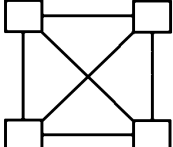
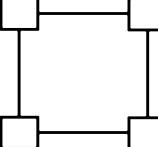
a. true b. false c. uncertain

38. If the words below are arranged to make a good sentence, what letter would the second word of the sentence commence with?

men two have legs most

a. A b. T c. M d. L e. H

39.  is to  as this  is to

- a.  b.  c.  d. 

40. Truth is to falsehood as ? is to absence.

a. lie b. leave c. presence d. absenteeism e. visit

41. A father is always ? than is his son.

a. taller b. slower c. older d. wiser e. sharper

42. Such things as language, clothing, customs, color, indicate

a. temperament b. race c. birthplace d. location e. personality

43. A building always has

a. doors b. windows c. walls d. bricks e. chimneys

44. What is related to a sphere in the same way that a square is related to a cube?

a. sides b. circle c. triangle d. angles e. dimension

45. Which of these pairs of words is most unlike the other three?

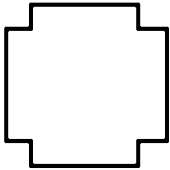
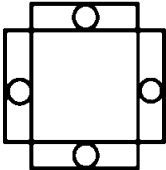
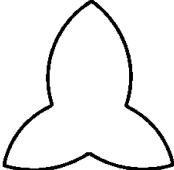
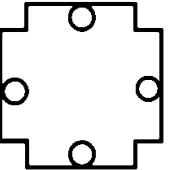
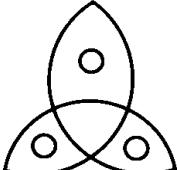
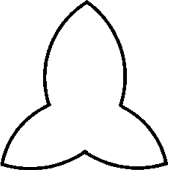
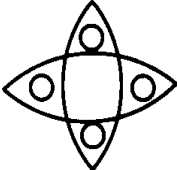
a. sad-pity b. beautiful-ugly c. truth-lie d. give-take

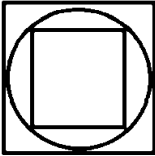
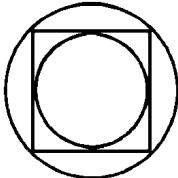
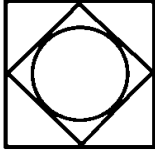
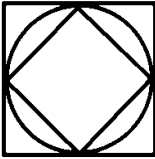
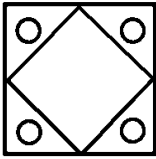
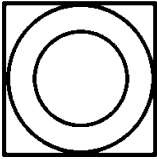
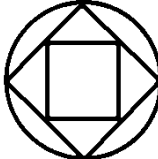
46. The two words, *necessary* and *desired* mean

a. the opposite b. the same c. neither the same nor the opposite

47. Of the five words below four are alike in a certain way. Which one is not like these four?

a. run b. walk c. crawl d. crouch e. jump

48. The idea that the Earth is the center of the universe is
 a. improbable b. intelligent c. subversive d. insular e. astronomical
49. The opposite of brave is
 a. stubborn b. traitor c. cowardly d. slow e. irresponsible
50. The opposite of success
 a. ensure b. withdraw c. failure d. setback e. win
51. Precede means to go before, prearrange means to arrange before, therefore pre means
 a. to arrange b. before c. to do before d. to go before e. to do before or after
52. If 13 $\frac{1}{2}$ yards of wire cost \$1.35, what will 10 $\frac{1}{2}$ yards cost?
 a. \$1.25 b. \$1.05 c. 75 cents d. \$1.47 e. 57 cents
53. Which number in this series appears a second time nearest the beginning?
 7 5 6 4 8 9 1 0 6 0 9 9 7 6 5 8 4 1 9 0 2
 a. 5 b. 1 c. 0 d. 6 e. 7
54. This  is to  as this  is to
- a.  b.  c.  d. 
55. If the first two of the following statements are true the third is ?
 Some of our acquaintances are clerks.
 Some of our acquaintances are male.
 Some of our acquaintances are male clerks.
 a. true b. false c. uncertain
56. If the words below are arranged to make a good sentence the fourth word in the sentence would end with what letter?
 the two bird is in hand the bush a in worth
 a. E b. D c. O d. A e. H
57. A soda fountain serves a mixture of three-parts water and two-parts orange. How many pints of water will it take to make 100 pints of the mixture?
 a. 80 b. 33 $\frac{1}{3}$ c. 60 d. 66 $\frac{2}{3}$ e. 40
58. If a person says things he knows to be incorrect he is said to be
 a. careful b. stubborn c. untruthful d. uninformed e. self-confident

59. Which of these expressions is most unlike the other three?
a. read books **b.** make beds **c.** receive guests **d.** work difficulties
60. If a father can walk 10 feet while baby crawls 4 feet, how many feet can father walk while baby crawls 6 feet?
a. 12 **b.** 8 **c.** 15 **d.** 18 **e.** 20
61. A statement which has not a definite meaning is said to be
a. unfair **b.** true **c.** ambiguous **d.** doubtful **e.** incorrect
62. Which of the following is a trait of personality
a. affluence **b.** reputation **c.** position **d.** withdrawn **e.** power
63. One number is wrong in the following series - 2, 12, 4, 9, 8, 6, 16, 4. What should that number be?
a. 11 **b.** 3 **c.** 5 **d.** 9 **e.** 10
64. Going is to gone as now is to
a. will be **b.** today **c.** then **d.** yesterday **e.** hereafter
65. If the words below were arranged to make a good sentence with what letter would the last word of the sentence end?
 know does mother best always not
a. S **b.** R **c.** T
66. This  is to  as this  is to
a.  **b.**  **c.**  **d.** 
67. If a piece of string 72 inches long shrinks to 66 inches after getting wet, how long would a 96-inch piece of string be after shrinking?
a. 92 **b.** 48 **c.** 88 **d.** 90 **e.** 76
68. Which of the five things below is most like these three: lime, cotton, ivory?
a. water **b.** snow **c.** oil **d.** cheese **e.** sea
69. If you were looking at the five words below in a mirror standing upright at the top of the page, which would look almost the same as if you looked at it directly?
a. BEET **b.** MAMA **c.** TOOK **d.** DEED **e.** SAT
70. A tiger is most similar to a
a. donkey **b.** elephant **c.** wolf **d.** cat **e.** zebra

71. Which additional word of the five words below would make the truer sentence?
Teachers are ? wiser than their pupils.

a. always b. never c. much d. usually e. rarely

72. What letter is the fourth letter to the right of the letter which is midway between U and C in the word RESURRECTION?

a. O b. E c. A d. T e. I

73. Which of the five words below is most unlike the other four?

a. lion b. acrobat c. clown d. circus e. horse

74. Devolution is to evolution as progression is to

a. expression b. evaluation c. retrogression d. revolution e. retarding

75. One number is wrong in the following series - 2, 4, 8, 16, 32, 60, 128. What should that number be?

a. 3 b. 9 c. 18 d. 64 e. 96

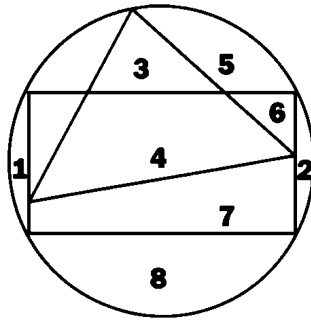
76. If an electric train is traveling 15 mph to the north and the wind is blowing strongly to the south at 30 mph the train will move to the south at 15 mph.

a. true b. false c. uncertain

77. If a piece of string is cut so that one piece is two-thirds as long as the other and the total length of the string is 40 yards, how long must the shorter piece be?

a. $36 \frac{1}{3}$ b. 16 c. 18 d. $23 \frac{2}{3}$ e. 24

78.



What number is in the space that is in the circle and in the triangle but not in the rectangle?

a. 1 b. 2 c. 3 d. 4 e. 5

79. How many numbers are there each of which is in two geometrical figures (but only two)?

a. 1 b. 2 c. 3 d. 4 e. 5

80. What number is in the same geometrical figure or figures (and no others) as the number 7?

a. 4 b. 3 c. 2 d. 6 e. 5