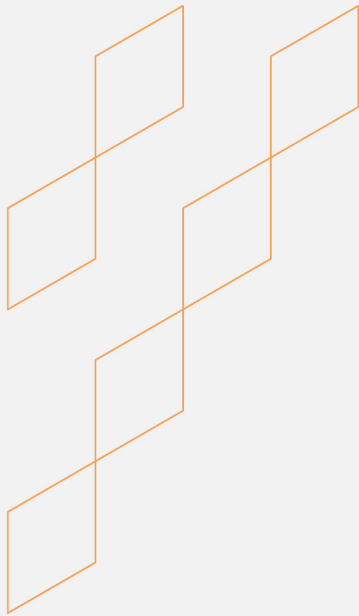




THE GENERAL APTITUDE TEST (GAT)

TRIAL TEST



Section One

Items: 1-26
Time: 25 min

INSTRUCTIONS

- There is only ONE correct answer to each question.
- Be certain to completely shade the circle of the letter of your answer.

Do not turn this page until you are instructed to do so.





Instructions

Choose the word closest in meaning to the **underlined** word, and mark your choice on your answer sheet.

- Before starting out on a long trip by car, it is a good idea to make sure the spare tire is in good condition.
A used B new
C extra D old
- Nation
A province B country
C district D region
- Parents don't like their children to go out with their peers so often.
A classmates B partners
C tutors D adversaries
- We have a lot of work to do in a very short span of time. So we are working under a very tight schedule.
A period B constraint
C limit D notice
- Sorry to be so grouchy today; I had a very bad experience this morning.
A tired B angry
C fuzzy D loose

Instructions

Choose the best answer to complete the following sentences, and mark your choice on your answer sheet.

- No one can..... that Ghazi is a good student; he has made grades during his four years at the university.
A refuse – low
B say – inferior
C accept – high
D deny – good

- Establishing a new requires a lot of patience, planning, and sufficient money; a new company is not overnight.
A network – forgotten
B school – planned
C business – born
D club – remembered
- My father loves; when he goes shopping, looking for is his favorite thing to do.
A reading – books
B painting – goods
C drawing – gloves
D writing – items
- He has had several job, but hasn't had an offer that he finds really
A meetings – interesting
B inquiries – healthy
C interactions – precise
D interviews – exciting
- It is very important to attend class regularly; being is usually seen as a of motivation.
A late – means
B present – shortage
C tardy – sign
D absent – lack
- Although I had wonderful experiences during my, I was to return home.
A sabbatical – unhappy
B travel – sorry
C vacation – happy
D departure – reluctant
- The development of medicine led to abandoning many traditional treatments; nowadays a new approach is to the wisdom of traditional medicine.
A useful – explode
B contemporary – prepare
C ancient – prevent
D modern – explore
- Idealists often have..... with being in their everyday lives.
A experience – pragmatic
B difficulty – practical
C knowledge – operative
D hardship – indifferent





Instructions

In the following items a pair of capitalized words is followed by four choices marked A, B, C, D. Choose the pair of words whose relationship is most similar to that expressed by the capitalized pair, and mark your choice on your answer sheet.

14. CUT : NAILS

- A remove : bark
- B restore : feathers
- C polish : toes
- D trim : hair

15. PUSH : PULL

- A go : leave B put : poll
- C win : lose D come : bring

16. FLOOR : RUG

- A turf : earth
- B sand : land
- C shade : window
- D bed : sheet

17. MONEY : WALLET

- A box : jewelry
- B gold : stocks
- C papers : folder
- D words : ink

18. SHIRT : BUTTONS

- A wound : stitches
- B belts : pants
- C pins : staples
- D threads : needles

19. BANK : MONEY

- A stars : night
- B brain : ideas
- C leaves : papers
- D shop : mall

Instructions

Read the following passage, then choose the best answer to each of the questions that follow, and mark your choice on your answer sheet.

- (1) Dr. Dianne Grey was a general practitioner. She used to work in the south of England. She was a successful doctor with a good career and a comfortable life. Treating patients with routine medical problems such as colds, sore throats, and so on appeared to her to be rather boring. She felt that she could do something more important.
- (2) She decided to join "Doctors Without Frontiers" which is a volunteer medical organization that provides emergency health care in several African countries. For the last eight months she has been living in Angola.
- (3) Her organization has been sending medical teams and equipment to Angola since 1986. With militant groups fighting each other, the standards of health care there have grown worse and worse. Outside the cities there are not enough hospitals, doctors, or nurses, and disease has become a major problem.
- (4) Dr. Grey has been working hard to improve conditions there. She has treated thousands of patients and has trained local people to be health care workers. Although she has never felt so useful before, she is leaving Angola but with a determination to return as soon as possible.

Questions

20. Dr. Grey used to work as a medical doctor in:
- A Africa.
 - B Angola.
 - C southern England.
 - D South Africa.
21. The main role of "Doctors Without Frontiers" is to:
- A supply food for the poor.
 - B treat ill people.
 - C provide shelter for people.
 - D train families.

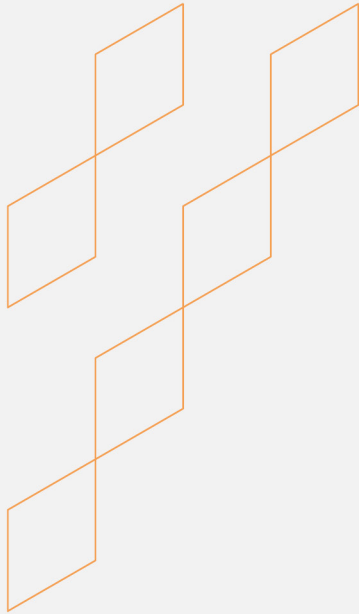




22. Dr. Grey went to Angola because she felt:
- A she was not comfortable enough in England.
 - B her work was not too exciting.
 - C she was working for long hours.
 - D she did not have a good career in England.
23. Dr. Grey has been working in Angola:
- A for eight months.
 - B for years.
 - C for decades.
 - D since 1986.
24. The standards of health care in Angola were poor because of:
- A lack of medicine.
 - B shortage of supplies.
 - C militant groups.
 - D need for more hospitals.
25. Working in Angola gave Dr. Grey a lot of:
- A satisfaction.
 - B problems.
 - C fear.
 - D ideas.
26. When Dr. Grey leaves Angola, she plans to:
- A work for another organization.
 - B be away for a month.
 - C go to another continent.
 - D come back to Africa.

Stop!
End of Section.





Section Two

Items: 27-48
Time: 25 min

INSTRUCTIONS

- There is only ONE correct answer to each question.
- Be certain to completely shade the circle of the letter of your answer.

Do not turn this page until you are instructed to do so.





Multiple Choice Questions

In the following problems, you are given four answers. Choose the right answer, and mark your choice on your answer sheet.

27. Determine which of the following numbers fit into the last two spaces in the sequence: 20, 25, 29, 34, 38,,

A 42, 46 B 42, 47
C 43, 46 D 43, 47

28. If 20% of an amount of money is 16 Riyals, how much is 25% of the same amount?

A 40 B 30
C 20 D 10

29. $\frac{400}{10} + \frac{4}{100} + \frac{4}{1000} =$

A 40.044 B 40.404
C 40.440 D 40.444

30. $\sqrt{\left(\frac{2}{3}\right)^2} \times \sqrt{\frac{9}{4}} =$

A 2 B 1
C Zero D -1

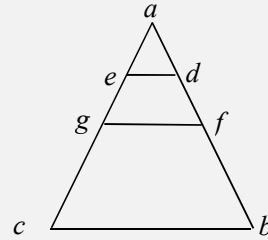
31. $\sqrt[3]{27 \times 64} =$

A 12 B 36
C 108 D 192

32. A man bought a game for 74 Riyals and a book for 50 Riyals less than the value of the game. How much did the man pay for both of them?

A 12 B 24
C 98 D 124

33. The straight line gf joins the mid-points of sides ab and ac and the straight line ed joins the mid-points of ag and af .
What is the ratio of ae to ac ?

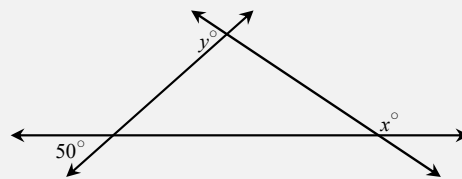


A $\frac{2}{3}$ B $\frac{1}{8}$
C $\frac{1}{3}$ D $\frac{1}{4}$

34. A water faucet pours 500 liters per minute into a rectangular tank with sides 1, 2, and 3 meters. How many minutes does it take to fill the tank?

A 10 B 12
C 14 D 15

35. In the figure below, what is the total of $x + y$?



A 130 B 160
C 230 D 260

36. If $\frac{3}{5} = \frac{x}{4}$, then x equals:

A 4.2 B 2.4
C $\frac{5}{12}$ D $\frac{20}{3}$



37. If $x + y = z$ and $x = y$, then which one of the following statements is **false**?

- A $2x + 2y = 2z$
- B $z - y = 2x$
- C $x - z = y - z$
- D $x = \frac{z}{2}$

38. Water consumption is priced according to the following scale:

1. $1 - 50 \text{ m}^3$ is priced at 10 Fils / m^3 .
2. $51 - 100 \text{ m}^3$ is priced at 20 Fils / m^3 .
3. $101 - 200 \text{ m}^3$ is priced at 50 Fils / m^3 .
4. $201 - 300 \text{ m}^3$ is priced at 70 Fils / m^3 .

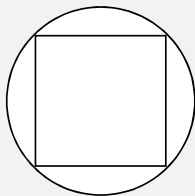
If the consumption indicated on a water bill is 300 m^3 , how much is the cost in Dinars (1D = 1000 Fils)?

- A 11.5 B 12.5
- C 13.0 D 13.5

39. 32% of the number 250 equals:

- A 64 B 80
- C 88 D 96

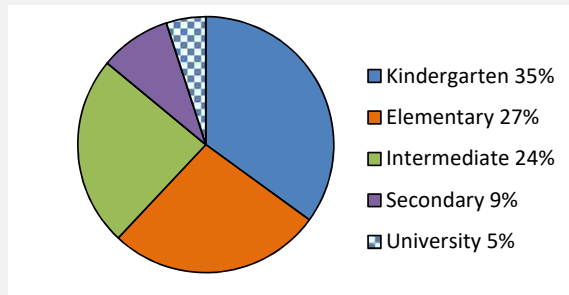
40. In the figure below the perimeter of the square is 20 cm. What is the radius of the circumscribed circle?



- A $\frac{2}{5}$ B $\frac{\sqrt{2}}{5}$
- C $\frac{5\sqrt{2}}{2}$ D $5\sqrt{2}$

Questions 41 - 44 are related to the following figure.

Student distribution in school stages during 2001- 2002



41. The sector with the least percentage of students in the year 2001-2002 represents:

- A university students.
- B intermediate students.
- C secondary students.
- D kindergarten students.

42. The three largest sectors in increasing order are:

- A elementary-kindergarten-intermediate.
- B university-secondary-intermediate.
- C elementary-intermediate-secondary.
- D intermediate-elementary-kindergarten.

43. If the total number of students in 2001-2002 is 120,000, then the number of university students is:

- A 6000 B 5000
- C 4000 D 3000

44. The ratio of the intermediate students to the elementary students as a percentage is approximately:

- A 10% B 30%
- C 60% D 90%





Comparison Questions

In the following problems there are two values, one in column A and the other in column B, followed by four answers. Choose the right answer, and mark your choice on your answer sheet.

45. If the price of 3 pens and one pencil is 7 Riyals, and the price of one notebook and 3 pens is 10 Riyals, **compare:**

Column A	Column B
The price of a pencil	The price of a notebook
(A) The value in column A is greater. (B) The value in column B is greater. (C) The two values are equal. (D) The information provided is not sufficient to decide.	

46. **Compare:**

Column A	Column B
$(5 - \sqrt{2})(\sqrt{3} - 5)$	$(\sqrt{2} - 5)(5 - \sqrt{3})$
(A) The value in column A is greater. (B) The value in column B is greater. (C) The two values are equal. (D) The information provided is not sufficient to decide.	

47. **Compare:**

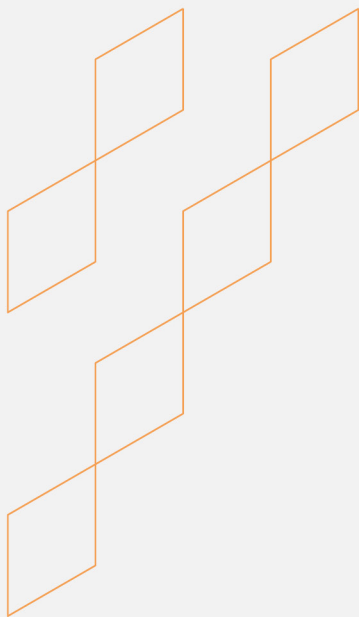
Column A	Column B
$9 - 0.004$	$9 - 0.0044$
(A) The value in column A is greater. (B) The value in column B is greater. (C) The two values are equal. (D) The information provided is not sufficient to decide.	

48. If $8^{4x} = 4^{6y}$, **compare:**

Column A	Column B
x	y
(A) The value in column A is greater. (B) The value in column B is greater. (C) The two values are equal. (D) The information provided is not sufficient to decide.	

Stop!
End of Section.





Section Three

Items: 49-74
Time: 25 min

INSTRUCTIONS

- There is only ONE correct answer to each question.
- Be certain to completely shade the circle of the letter of your answer.

Do not turn this page until you are instructed to do so.





Instructions

Choose the word closest in meaning to the **underlined** word, and mark your choice on your answer sheet.

49. She decided to ask her husband for new furniture in the sitting room. At the very least, she felt that some new couches to replace the old ones were necessary.

- | | | | |
|---|---------|---|----------|
| A | sofas | B | chairs |
| C | carpets | D | cushions |

50. My mother used to do my laundry all the time, but now I have to do my own or pay someone to do it for me.

- | | | | |
|---|---------------|---|---------------|
| A | torn clothes | B | dirty clothes |
| C | clean clothes | D | old clothes |

50. A basic sense of discipline is necessary to make progress in any worthwhile goal in life.

- | | | | |
|---|-----|---|---------|
| A | aim | B | destiny |
| C | job | D | habit |

52. In a horse race contestants must jump all hurdles before they reach the finish line.

- | | | | |
|---|----------|---|---------|
| A | stuffs | B | turns |
| C | barriers | D | grounds |

Instructions

Choose the best answer to complete the following sentences, and mark your choice on your answer sheet.

53. While Khalid seems and shy, he often spends time with his

- | | |
|---|--------------------|
| A | open – family |
| B | reserved – critics |
| C | calm – adversaries |
| D | quiet – friends |

54. As people grow older, it is..... for their memory to become less

- | | |
|---|--------------------|
| A | usual – sharp |
| B | allowed – active |
| C | good – well-formed |
| D | likely – eager |

55. Compared to the, young people have a different sense of time; to them the seems to have no limitations.

- | | |
|---|------------------|
| A | children – past |
| B | ancients – day |
| C | adults – century |
| D | elderly – future |

56. In ancient times, the rhythm of life was by sunrise and sunset; now we have electricity and can schedule our activities well into the of night.

- | | |
|---|-----------------------|
| A | determined – darkness |
| B | settled – brightness |
| C | prescribed – depth |
| D | revived – twilight |

57. Libraries and bookstores are similar in that they are both full of books; however, to a book one must go to a bookstore.

- | | | | |
|---|------|---|-------|
| A | loan | B | write |
| C | buy | D | lend |

58. Before the boom brought on by the, life in the Gulf countries was.....; compared to those times, we live in the lap of luxury now.

- | | |
|---|-------------------------------------|
| A | drilling for water – extremely poor |
| B | discovery of oil – very harsh |
| C | building of cities – mainly in tent |
| D | opening of malls – usually limited |

Instructions

In the following questions there is a pair of capitalized words followed by four choices marked A, B, C, D. Choose the pair of words whose relationship is most similar to that expressed by the capitalized pair, and mark your choice on your answer sheet.

59. ANIMALS : HERD

- | | |
|---|-----------------|
| A | fish : sharks |
| B | army : regiment |
| C | cattle : camels |
| D | players : team |





60. BOOK : WRITER

- A poetry : critic
- B binder : paper
- C designer : dress
- D home : builder

61. STRONG : POWERFUL

- A plastic : elastic
- B pure : transparent
- C wet : moist
- D heavy : tall

62. SALT : SEA

- A desert : sand B grass : rug
- C carpet : skin D milk : cow

63. HEAD : HAT

- A gloves : hands B cold : coat
- C nails : fingers D pen : cap

64. WEEK : DAY

- A night : morning
- B watch : hour
- C hospital : lab
- D letter : envelope

65. VEGETABLES : VITAMINS

- A carbohydrate : fat
- B book : knowledge
- C minerals : proteins
- D news : television

66. BRANCH : LEAVES

- A ocean : sea
- B country : cities
- C numbers : charts
- D colleges : university

67. GENERAL : SPECIFIC

- A popular : dynamic
- B special : fantastic
- C real : fictional
- D singular : similar

Instructions

Read the following passage, then choose the best answer to each of the questions that follow, and mark your choice on your answer sheet.

- (1) A sports reporter once wrote the following article for a London evening newspaper:
- (2) When I was a young reporter, my father made sure I had a place at the front so that I could have a good view of the football match. If you let your child stand alone in the wrong place these days, he would probably be hurt or even killed. He would certainly learn some of the worst language. Football stadiums are not suitable for families anymore. If a football ground were a safer and more respectable place, some of them might be persuaded to return.
- (3) Today's game was boring, because both teams appeared to play only for a draw. If both teams played to win, the crowds would return. What happened to scorelines like 5-5 and 4-2? It is unbelievable that one major club has not scored in the last six games. There would surely be bigger crowds if there were more goals and fewer fouls.
- (4) We cannot really blame the youths who fight in the stadium. If their heroes on the field used less offensive language and had more self-control, the youths themselves would probably behave in a more civilized manner. If referees imposed harsher penalties, players would think more carefully before committing an offence.

Questions

68. The article was written for a:
 - A TV program. B radio show.
 - C newspaper. D magazine.
69. The writer says that in recent years:
 - A not as many people go to watch football matches as before.
 - B fewer people support football teams.
 - C not many football matches are played nowadays.
 - D youths do not attend football matches nowadays.

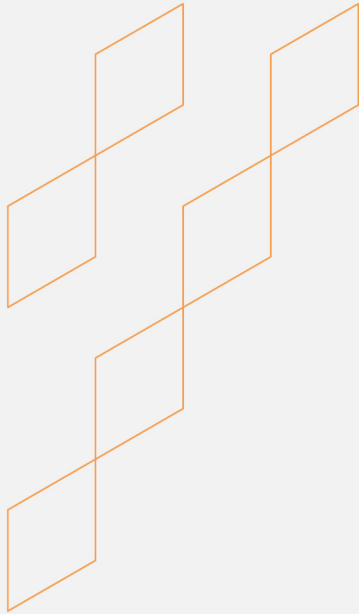




70. The match described in this article was:
- | | | | |
|---|---------|---|---------|
| A | smooth. | B | tough. |
| C | good. | D | boring. |
71. When attending a football match, the writer suggests that one should **not**:
- | | |
|---|-------------------------------|
| A | take his child to see it. |
| B | leave his child by himself. |
| C | ask his child to stand. |
| D | let his child cheer any team. |
72. The writer thinks that one way of bringing back crowds to the football matches is to:
- | | |
|---|--|
| A | separate children from their families. |
| B | make football grounds a more secure place. |
| C | unite children with their families. |
| D | use much softer penalties. |
73. Youths might behave in a good way if:
- | | |
|---|------------------------------------|
| A | players had more self-control. |
| B | players made planned attacks. |
| C | football matches were less boring. |
| D | referees were a little more tense. |
74. The article says that in the last six games one major team:
- | | |
|---|------------------------------|
| A | scored six goals. |
| B | did not score a single goal. |
| C | scored more goals. |
| D | did not score enough goals. |

Stop!
End of Section.





Section Four

Items: 75-96
Time: 25 min

INSTRUCTIONS

- There is only ONE correct answer to each question.
- Be certain to completely shade the circle of the letter of your answer.

Do not turn this page until you are instructed to do so.





Multiple Choice Questions

In the following problems, you are given four answers. Choose the right answer, and mark your choice on your answer sheet.

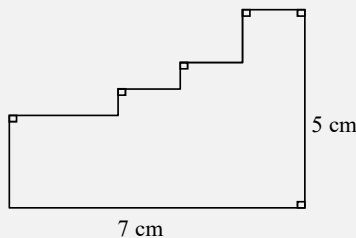
75. A bucket with the capacity of 0.004 m^3 is used to fill a water tank with the capacity of 4 m^3 . How many buckets are needed to fill the tank?

A 1600 B 1000
C 160 D 100

76. If Mohammed is half as old as Saad, and Saad is three times as old as Fahad, then the ratio of Fahad's age to Mohammed's age is:

A $\frac{3}{2}$ B $\frac{1}{2}$
C $\frac{1}{3}$ D $\frac{2}{3}$

77. What is the perimeter in centimeters of the figure below?



A 24 B 26
C 28 D 30

78. The average IQ of four people is 110. If three of them have an average IQ of 105, what is the IQ of the fourth person?

A 105 B 110
C 118 D 125

79. $\sqrt[10]{2^8} =$

A $2^{0.8}$ B $2^{3.2}$
C $2^{1.25}$ D $2^{0.2}$

80. What values of x satisfy the equation $|3x| = 15$?

A +3, -3 B +3, +5
C -5, -3 D +5, -5

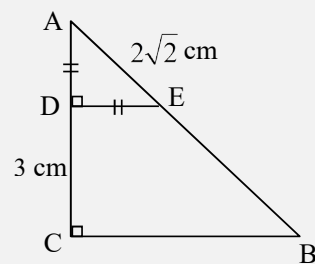
81. A sum of money is divided between three poor persons in the ratio 1:2:3. If the third person received 120 Riyals more than the first person, how much did each receive?

A 30:90:150 B 40:80:160
C 60:120:180 D 90:180:210

82. A classroom has 18 chairs in three rows. Each row has one more chair than the row in front of it. How many chairs does the back row have?

A 8 B 7
C 6 D 5

83. In the figure below, $AD = DE$,
 $DC = 3 \text{ cm}$, $AE = 2\sqrt{2} \text{ cm}$.
What is the value of CB in centimeters?



A $5\sqrt{2}$ B 5
C $2\sqrt{5}$ D $\sqrt{5}$

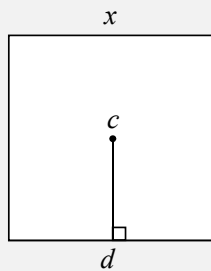




84. If $\frac{x}{27} = \frac{3}{x}$, then $x =$

- A ± 7 B ± 8
C ± 9 D ± 10

85. The figure below is a square with center c . What is the length of cd ?



- A $\frac{x}{4}$ B $\frac{x}{2}$
C x D $4x$

86. If $x^2 - 25 = 0$ and $y^2 - 36 = 0$

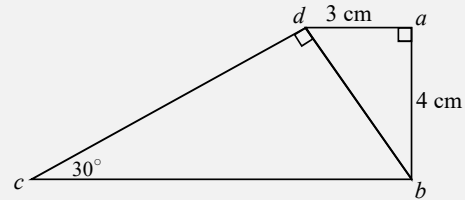
What is the absolute value of the product $x.y$?

- A 1 B 11
C 25 D 30

87. If $250 \text{ decimeter}^3 + x \text{ decimeter}^3 = 1\text{m}^3$, then x equals:

- A 750 B 650
C 550 D 450

88. In the figure below, what is the length of side bc ?



- A 6 B 8
C 9 D 10

89. If $\frac{1}{2x+1} = \frac{1}{2+x}$, then x equals:

- A -2 B Zero
C 1 D 2

90. A woman bought three bottles of perfume which were priced equally. She paid half the original price for the second bottle and one quarter of the price for the third bottle. If she paid a total of 700 Riyals, what was the original price of each bottle in Riyals?

- A 500 B 400
C 300 D 200

91. A square palm tree plantation is surrounded by a fence 400 meters long. The trees are arranged in a square pattern. If the distance between each adjacent pair of trees is 5 meters, and the distance between the fence and the trees is also 5 meters, how many trees are there in the plantation?

- A 324 B 342
C 361 D 382





$$92. \frac{1 + \frac{1}{2}}{1 + \frac{1}{1 + \frac{1}{2}}} =$$

- A $\frac{5}{2}$ B $\frac{10}{9}$
C $\frac{9}{10}$ D $\frac{2}{5}$

Comparison Questions

In the following problems there are two values, one in column A and the other in column B, followed by four answers. Choose the right answer, and mark your choice on your answer sheet.

93. If one Euro equals 5.1 Riyals, compare:

Column A	Column B
62 Riyals	12 Euros
(A) The value in column A is greater. (B) The value in column B is greater. (C) The two values are equal. (D) The information provided is not sufficient to decide.	

94. Compare:

Column A	Column B
$x^2 + y^2$	$x^2 - y^2$
(A) The value in column A is greater. (B) The value in column B is greater. (C) The two values are equal. (D) The information provided is not sufficient to decide.	

95. If m and n are positive integers, compare:

Column A	Column B
$\frac{1}{m+n}$	$\frac{1}{m} + \frac{1}{n}$
(A) The value in column A is greater. (B) The value in column B is greater. (C) The two values are equal. (D) The information provided is not sufficient to decide.	

96. If $3x = 2y$ and $y \neq 0$, compare:

Column A	Column B
$\frac{x}{y}$	$\frac{1}{2}$
(A) The value in column A is greater. (B) The value in column B is greater. (C) The two values are equal. (D) The information provided is not sufficient to decide.	

Thank you for following the instructions.
Wishing you a successful future.





Answer Key

Question	Answer	Question	Answer	Question	Answer	Question	Answer	Question	Answer	Question	Answer
1	C	17	C	33	D	49	A	65	B	81	C
2	B	18	A	34	B	50	B	66	B	82	B
3	A	19	B	35	C	51	A	67	C	83	B
4	A	20	C	36	B	52	C	68	C	84	C
5	B	21	B	37	B	53	D	69	A	85	B
6	D	22	B	38	D	54	A	70	D	86	D
7	C	23	A	39	B	55	D	71	B	87	A
8	A	24	C	40	C	56	A	72	B	88	D
9	D	25	A	41	A	57	C	73	A	89	C
10	D	26	D	42	D	58	B	74	B	90	B
11	C	27	D	43	A	59	D	75	B	91	C
12	D	28	C	44	D	60	D	76	D	92	C
13	B	29	A	45	B	61	C	77	A	93	A
14	D	30	B	46	C	62	D	78	D	94	D
15	C	31	A	47	A	63	D	79	A	95	B
16	D	32	C	48	C	64	C	80	D	96	A

May Allah grant you success





هيئة تقويم التعليم والتدريب

Education & Training Evaluation Commission