GiftedReady

SCAT Intermediate Practice Test Grades 4-5

Downloadable Practice Test with Answers – Get a Feel for the Exam & Increase Your Chances of Scoring High

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* The correct answers and explanations are located at the end of this PDF.

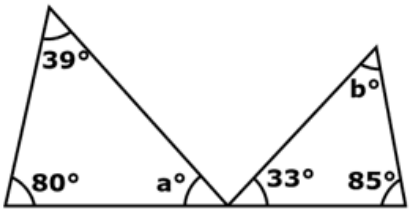
Practice Questions

SCAT Intermediate Practice Questions – Quantitative (Math)

In this section, each question has two parts. One part is in Column A. The other part is in Column B.

You must find out if one part is greater than the other, if the parts are equal, or if not enough information is given to decide. You will choose one answer.

Question #1



Column A	Column B
a°	b°

A. Column A is greater
B. Column B is greater
C. The two values are equal
D. Not enough information is given

Question #2

Column A	Column B
$(d \div 24) + 32 = 30$	$7 + (g \div 9) = 25$
Value of d	Value of g

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A. Column A is greater
B. Column B is greater
C. The two values are equal
D. Not enough information is given

Question #3

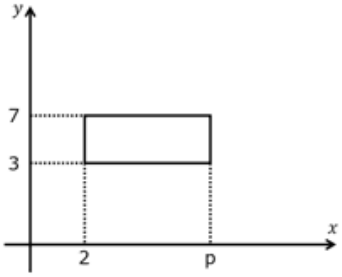
A rectangular field has a length of 90 yards and a width of 4k + 6 yards.

Column A	Column B
Value of k	34

A. Column A is greater
B. Column B is greater
C. The two values are equal
D. Not enough information is given

Question #4

The length of the rectangle shown is 15 units.



Column A	Column B
The value of p	3 + 7 × 2

A. Column A is greater
B. Column B is greater
C. The two values are equal
D. Not enough information is given

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Question #5

23, 17, 33, 11, 19, 26, 30, 18, 24, 21

Column A	Column B
Mean	Median

A. Column A is greater
B. Column B is greater
C. The two values are equal
D. Not enough information is given

SCAT Intermediate Practice Questions – Verbal

In this section, each question begins with two words. These two words go together in a certain way. Under them, there are four other pairs of words lettered A, B, C, and D.

Find the lettered pair of words that go together in the same way as the first pair of words.

Question #6

Drought : Famine ::

A. Exercise : Strength
B. Flood : Drought
C. Study : Teacher
D. Fire : Smoke

Question #7

Neuron : Brain ::

A. Petal : Flower
B. Engine : Fuel
C. Finger : Ring
D. Artist : Painting

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Question #8

Evaporation : Vapor ::

A. Melt : Solid
B. Freezing : Ice
C. Break : Repair
D. Heat : Fire

Question #9

Reluctant : Hesitant ::

A. Loud : Noise
B. Falsity : Truth
C. Brave : Fearless
D. Weak : Power

Question #10

Seed : Sapling ::

A. Frog : Toad
B. Egg : Nest
C. Student : Teacher
D. Child : Adult

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Correct Answers & Explanations

Question #1

Correct answer: B.

Explanation:

In the first triangle, to find a, add the first two and subtract the sum from 180°.

Why? Because the sum of the interior angles of any triangle is always equal to 180°.

a = 180° – (39° + 80°) = 180° – 119° = 61°

Similarly, in the second triangle,

b = 180° – (33° + 85°) = 180° – 118° = 62°

So, 'Column B is greater'

Question #2

Correct answer: B

Explanation:

In column A,

(d ÷ 24) + 32 = 30

d ÷ 24 = 30 – 32

d ÷ 24 = – 2

d = – 2 x 24 = – 48

In column B,

7 + (g ÷ 9) = 25

g ÷ 9 = 25 – 7

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g ÷ 9 = 18

g = 18 x 9 = 162

So, 'Column B is greater.'

Question #3

Correct answer: D.

Explanation:

The length and width of the rectangular field are given.

To find the value of k, we need the area of the rectangular field, which is not given here.

So, we cannot find the value of k without the area given.

Therefore, 'Not enough information is given.'

Question #4

Correct answer: C.

Explanation:

The length of the rectangle is 15 units.

In the figure, **the length is p – 2**. So,

p – 2 = 15
p = 2 + 15
p = 17

And in Column B,

3 + 7 x 2 = 3 + 14 = 17

So, 'The two parts are equal.'

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Question #5

Correct answer: A.

Explanation:

Find the Mean (Column A)

Add all the numbers:

23 + 17 + 33 + 11 + 19 + 26 + 30 + 18 + 24 + 21

Add in parts:

(23 + 17) = 40
(33 + 11) = 44
(19 + 26) = 45
(30 + 18) = 48
(24 + 21) = 45

Now add:

40 + 44 = 84
84 + 45 = 129
129 + 48 = 177
177 + 45 = 222

Total = 222

Now divide by 10:

222 ÷ 10 = 22.2

Column A (Mean) = 22.2

Now, find the Median (Column B)

First, arrange numbers in order:

11, 17, 18, 19, 21, 23, 24, 26, 30, 33

There are 10 numbers, so take the middle two:

5th number = 21
6th number = 23

Now average them:

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(21 + 23) ÷ 2 = 44 ÷ 2 = 22

Column B (Median) = 22

So, column A (22.2) is greater.

Question #6

Correct Answer: D. Fire : Smoke

Explanation:

A **drought** (long period without rain) can cause a **famine** (shortage of food).

We are looking for another pair where the first thing causes the second thing.

A **fire** produces **smoke**.
Fire → causes → smoke. So this is the correct answer.

Other choices:

A: Exercise can build strength, but **it's not a direct natural cause** like drought → famine.

B: Flood does not cause drought.

C: Study does not cause a teacher.

Question #7

Correct answer: A. Petal : Flower

Explanation:

A neuron is a small part of the brain.

We need another pair where the first word is a part of the second word.

A petal is part of a flower. So this is the correct answer.

Other choices:

B: Engine uses fuel (not part-whole).

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C: A ring goes on a finger (not part-whole).

D: Artist creates a painting (creator-creation).

Question #8

Correct answer: B. Freezing : Ice

Explanation:

Evaporation is a process that produces **vapor**.

We need another pair where the first word is a process and the second word is the result of that process.

Freezing produces **ice**. So this is the correct answer.

Other choices:

A: Melting turns solid into liquid (wrong direction).

C: Break and repair are opposites.

D: Heat does not automatically create fire.

Question #9

Correct Answer: C. Brave : Fearless

Explanation:

Reluctant and **hesitant** mean almost the same thing.

We need another pair of **close synonyms**.

Brave and **fearless** are very similar in meaning. So this is the correct answer.

Other choices:

A: Loud describes noise.

B: Falsity is the opposite of truth, so these are antonyms.

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D: Weak and power are opposites as well.

Question #10

Correct Answer: D. Child : Adult

Explanation:

A **seed** grows into a **sapling**. This shows a stage of development.

We need another pair that shows one stage growing into a later stage.

A **child** grows into an **adult**. This is the correct answer.

Other choices:

A: Frog and toad are two closely-related species, but a frog does not grow into a toad.

B: Egg and nest show location, not growth.

C: Student does not automatically become a teacher.

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