Q&A

Up-to-date Questions and Answers from authentic resources to improve knowledge and pass the exam at very first attempt. ----- Guaranteed.

KILL EXAMS

ASVAB MCQs
ASVAB TestPrep
ASVAB Study Guide
ASVAB Practice Test
ASVAB Exam Questions

PASS

killexams.com

Military

ASVAB

Armed Services Vocational Aptitude Battery 202

ORDER FULL VERSION
Special Discount Coupon

ASVAB EXAM

1. Arithmetic Reasoning
2. Assembling Objects
3. Automotive and Shop
4. Electronic Information
5. General Science
6. Mathematics Knowledge
7. Mechanical Comprehension
8. Paragraph Comprehension
9. Word Knowledge

ASVAB
Arithmetic Reasoning

Question: 1

A product originally costs $125.
If the product goes on sale for 20% off, and then goes on sale for an additional 30% off, what is the price of the product?
A. $62.50
B. $70
C. $65
D. $90

Answer: B

You need to apply the discounts successively not just add the discounts.
So $125 x 80% = $100 (price after original 20% discount). $100 x 70% = $70 the price after the 2nd 30% discount.

Question: 2

A plane left San francisco at 6:15 pm PST and arrived in Philadelphia at 2:45 am EST.
How long was the flight?
A. 81/2 hours
B. 51/2 hours
C. 61/2 hour
D. 91/2 hours
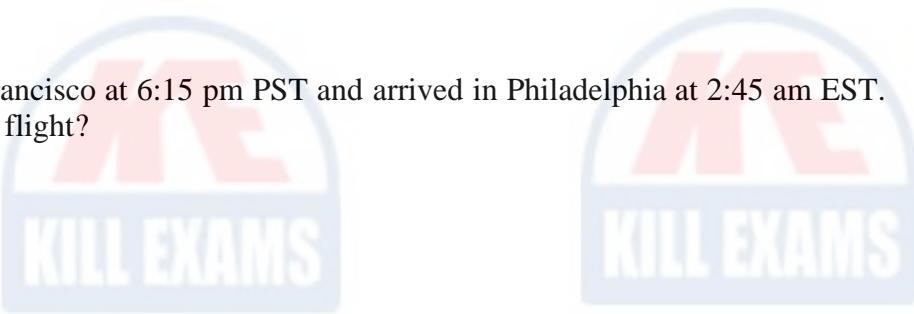
Answer: B

first, convert 6:15 PST to 9:15 EST. The flight then took from 9:15 pm EST to 2:45 am EST. That means that the flight took 51/2 hours.

Question: 3

Carpet costs $3 per square yard. The room that will be carpeted is 12 feet x 18 feet.
How much will the carpet cost?
A. $648
B. $216
C. $72
D. $324
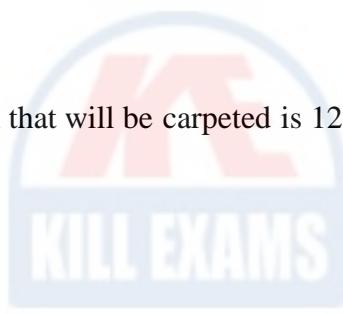
Answer: C

12 feet x 18 feet is equivalent to 4 yards x 6 yards = 24 square yards.
24 square yards x $3 = $72.
*Remember 3 feet = 1 yard, but 9 sq feet = 1 sq yard.*

ASVAB
Assembling Objects

Question: 146

Determine which of the choices best solves the problem shown in the first picture. The problem is presented in the first drawing and the remaining four drawings are possible solutions.
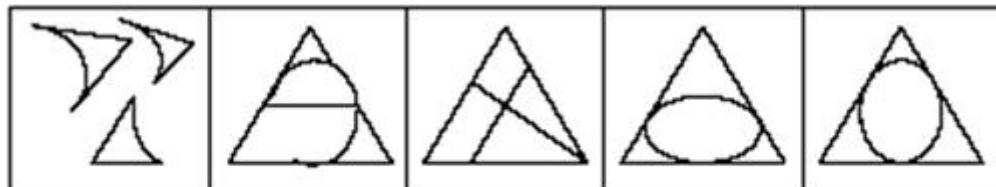
A. Option A
B. Option B
C. Option C
D. Option D

Answer: D

Question: 147

Determine which of the choices best solves the problem shown in the first picture. The problem is presented in the first drawing and the remaining four drawings are possible solutions.
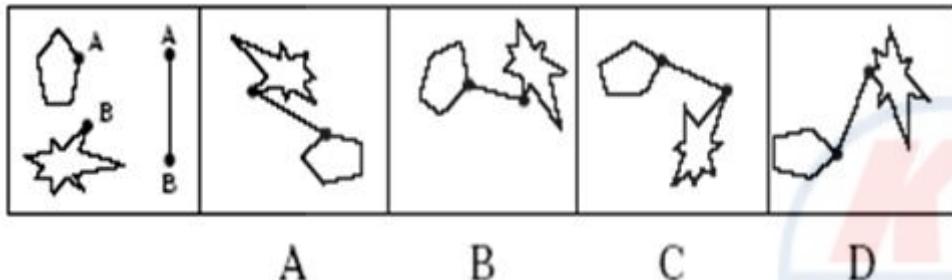

A. Option A
B. Option B
C. Option C
D. Option D

Answer: A

Question: 148

Determine which of the choices best solves the problem shown in the first picture. The problem is presented in the first drawing and the remaining four drawings are possible solutions.
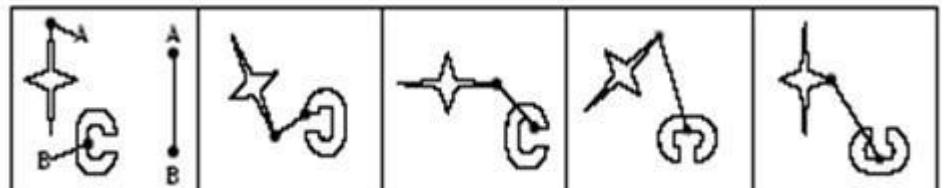
A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

Question: 149

Determine which of the choices best solves the problem shown in the first picture. The problem is presented in the first drawing and the remaining four drawings are possible solutions.
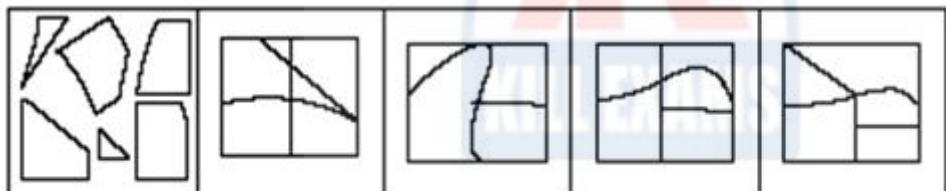

A. Option A
B. Option B
C. Option C
D. Option D

Answer: A

ASVAB
Automotive and Shop

What tool is used by electricians to route new wiring through walls?
A. Spike maul
B. Wall snake
C. Fish tape
D. Bradawl

Answer: C

Fish tape (or draw wire/draw tape) is used to route wiring through walls and conduit.

Question: 2

Which type of saw is designed to make accurate crosscuts at specific angles?
A. Miter saw
B. Swing saw
C. Rip saw
D. Pad saw

Answer: A

The miter saw is used from making accurate cross cuts and miter cuts.

Question: 3

On a woodworking plane, the "frog" refers to the _____.
A. handle on the rear of the plane
B. the sliding iron wedge that holds the plane iron at the proper angle
C. the opening at the bottom of the plane
D. the lever used to adjust the iron

Answer: B

The frog is the sliding iron wedge that holds the plane iron at the proper angle.

Question: 4

What type of wrench is pictured?
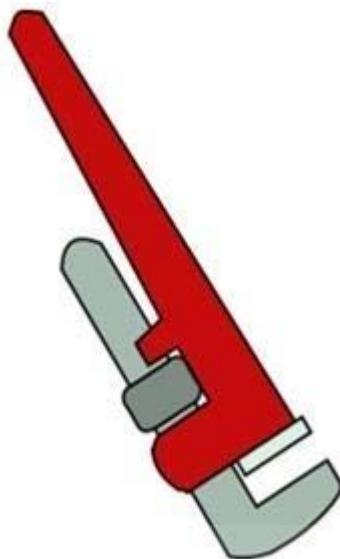
A. Crescent wrench
B. Pipe wrench
C. Ratchet wrench
D. Combination wrench

The figure is a pipe wrench.
Question: 5

What type of clamp is this?

A. Bar clamp
B. Pipe clamp
C. Miter clamp
D. Parallel clamp

Answer: D

The picture is a parallel clamp.

ASVAB
Electronic Information

Question: 1

The measurement "mil" refers to _____.
A. a quarter or an inch
B. one thousandth of an inch
C. a millionth of an inch
D. a hundredth of an inch

Answer: B

A "mil" (from milli) refers to one thousandth.
Question: 2

How much voltage has a typical home outlet?
A. 120 volts
B. 200 volts
C. 60 volts
D. 100 volts

Answer: A

A typical residential electrical outlet has 120 volts.
Question: 3

Using a fuse rated higher than the required current rating of a circuit can _____.
A. protect your circuit better
B. cause the fuse to blow more often
C. lower your power usage for that circuit
D. result in serious damage to your circuit

Answer: D

Using a higher rated fuse is dangerous and can result in serious damage to your circuit.
Question: 4

A circuit contains three parallel resistors. Each resistor has 3 amps flowing through them.
What is the total current flowing through the circuit?
A. 1 A
B. 3 A
C. 9 A
D. 1.5 A

Answer: C

For resistors in parallel, the total current is equal to the sum of the currents through each resistor.
Question: 5

Resistance is measured in _____.
A. Watts

B. Volts
C. Ohms
D. Farads

Resistance is measure in ohms.
Question: 6

What is the total resistance when two 10 ohm resistors are connected in series?
A. 5 ohms
B. 10 ohms
C. 20 ohms
D. 100 ohms

When resistors are in series, you simply add their resistance together to find a total resistance. 10 + 10 = 20 ohms.
Question: 7

What is the voltage across and current through the resistor R when the switch is open?
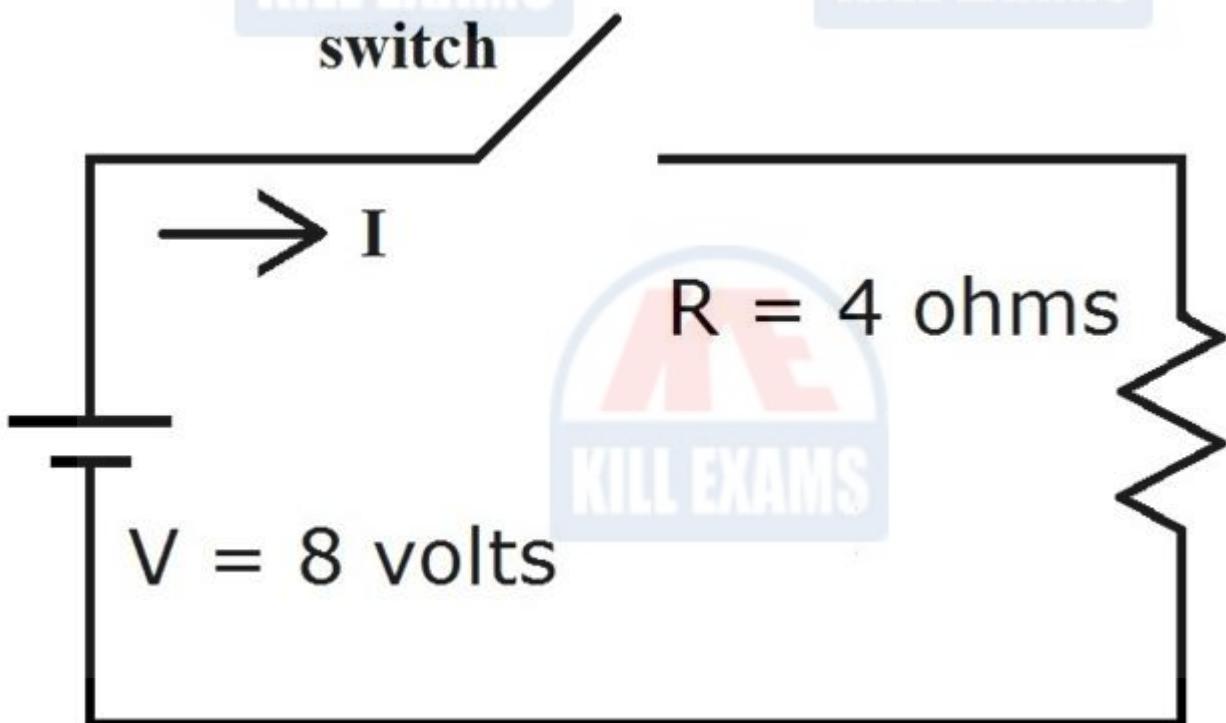
A. 0 A Current; 8 V voltage
B. 2 A Current; 2 V voltage
C. 0 A Current; 0 V voltage
D. 2 A Current; 8 V voltage

When the switch is open, there is no voltage or current.

ASVAB
General Science

Question: 1

The product of force and distance is _____.
A. Momentum
B. Power
C. Velocity
D. Work

Answer: D

Force x Distance = Work
Question: 2

An Anemometer measures _____.
A. Temperature
B. Humidity
C. Wind Speed
D. Air Pressure

Answer: C

An anemometer measures wind speed.
Question: 3

A pot sitting on a hot burner is an example of _____.
A. Convection
B. Conduction
C. Insulation
D. Radiation

Answer: B

Conduction is where heat is directly transmitted from a hot object to a cooler object.
Question: 4

Force can be represented by a vector.
A vector represents _____.
A. Speed
B. Direction
C. Magnitude and Direction
D. Magnitude

Answer: C

A force represented by a vector consists of magnitude and direction.
Question: 5

Ascorbic acid is also known as _____.
A. Vitamin B12

B. Vitamin E
C. Vitamin C
D. Vitamin A

Answer: C

Vitamin C is also known as ascorbic acid.
Question: 6

Watts are a unit of measurement for
A. Power
B. Pressure
C. Energy
D. Speed

Answer: A

Power is measured by Watts.
Question: 7

On a Celsius thermometer, how many degrees are there between the boiling point of water and the freezing point of water?
A. 212 degrees
B. 100 degrees
C. 180 degrees
D. 32 degrees

Answer: B

In Celsius, the boiling point of water is 100 degrees and the freezing point of water is 0 degrees.
Question: 8

Of which two parts does the formal binomial nomenclature (or scientific name) of a living organism consist?
A. Family and Species
B. Class and Family
C. Order and Class
D. Genus and Species

Answer: D

An organism's scientific name is comprised of its Genus and Species.

ASVAB
Mathematics Knowledge

Question: 1

What is the area of this shape?
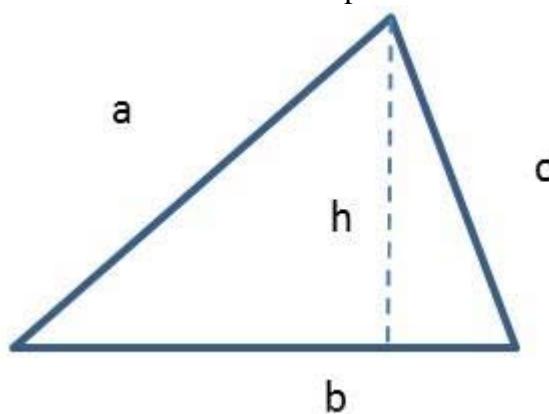
A. 1/2bh
B. a2 + b2
C. abc
D. bh

Answer: A

Explanation:
The area of a triangle is 1/2 × base × height. In this case, the base is b and the height is h.

Question: 2

If F = M × A, then what does A = _____.
A. F × M
B. F − M
C. F/M
D. M/F

Answer: C

Explanation:
If you divide both sides of the formula by M, then A = F/M

Question: 3

Solve the following problem:
What does 96/92 = _____.
A. 94
B. 93
C. 184
D. 95

Answer: A

Explanation:
When dividing two powers with the same base, you keep the base and subtract the exponents.

Question: 4

How many different combinations of shirts and ties are possible if you have 4 shirts and 5 ties?
A. 120
B. 9
C. 30
D. 20

Answer: D

Explanation:
With each of the 4 shirts you can wear one of the 5 ties, so the total number of combinations is 4 × 5 = 20
Question: 5

(x + 3)(x + 5) = _____.

A. $x^2 + 16x + 8$

B. $x^2 + 16x + 15$

C. $x^2 + 8x + 15$

D. $x^2 + 8x + 8$

A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

Explanation:
Use the FOIL method (First, Outside, Inside, Last) to solve. x2
+ 3x + 5x + 3 × 5
Question: 6

If x = y, what does 4(x − y) + 7 = _____.
A. 4x − 4y + 7
B. 7
C. 4xy + 7
D. 11x − 11y

Answer: B

Explanation:
If x = y, then you can substitute × for y in the 2nd equation – so 4(x − x) + 7 = 4(0) + 7 = 7

ASVAB
Mathematical Comprehension

Question: 1

In the figure below, if gear A turns 15 times, how many revolutions will gear B make?

A. 15 revolutions
B. 5 revolutions
C. 30 revolutions
D. 45 revolutions
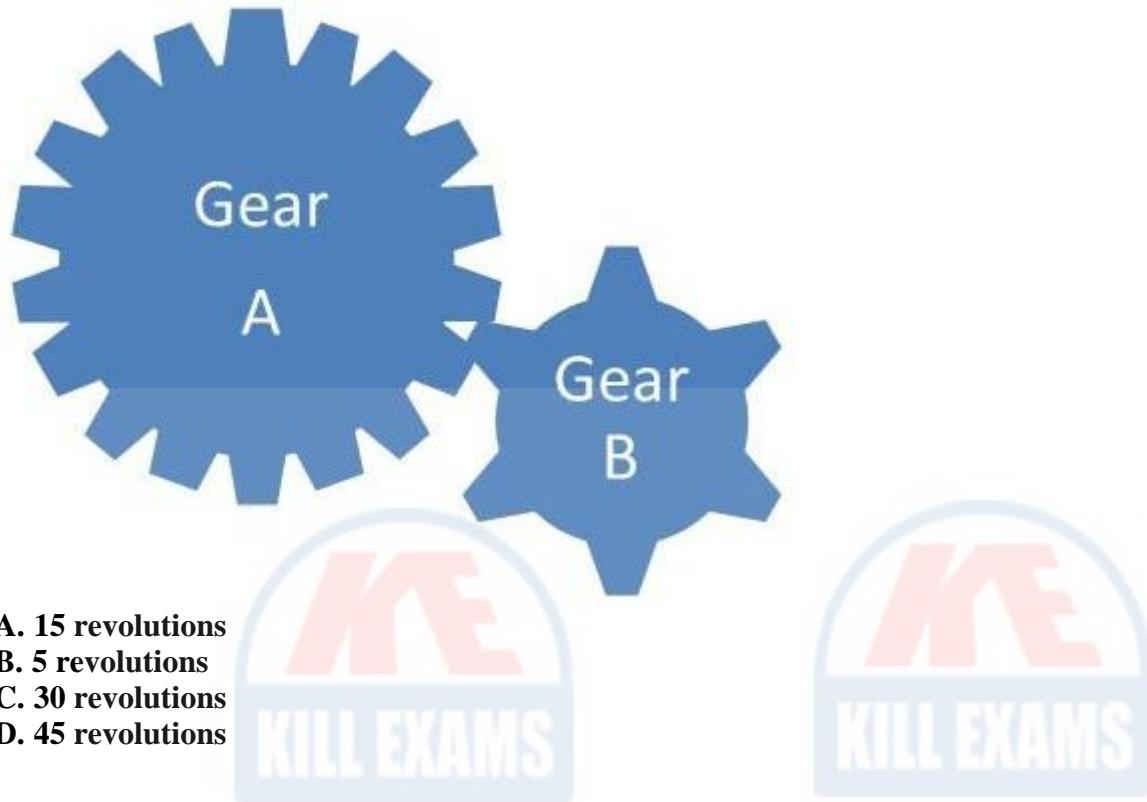
Answer: D

Gear A has 18 teeth and gear B has 6 teeth. Therefore, for every 1 revolution of gear A, gear B will have 3 revolutions.

Question: 2

An axe is an example of what type of simple machine.
A. Lever
B. Inclined plane
C. Wedge
D. None of the above
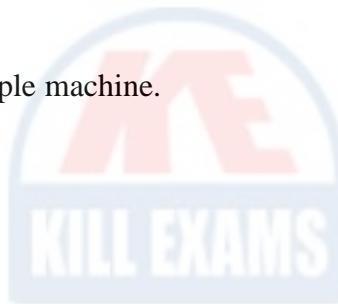
Answer: C

An axe is a classic example of a wedge.

Question: 3

When a football is thrown upwards in the air, what causes it to arc back towards the ground?
A. Centrifugal force
B. Gravity
C. Friction
D. Wind resistance

Answer: B

Gravity is the force that causes objects to be pulled back towards the earth.

Question: 4

On a bicycle there are 30 teeth on the gear sprocket connected to the pedals, and 10 teeth on the sprocket connected to the rear wheels.
If you pedal the bike 12 times, how many times will the rear wheel turn?
A. 4 times
B. 12 times
C. 24 times
D. 36 times

Answer: D

Since there are 30 teeth on the pedal sprocket, but only 10 teeth on the rear wheel, each revolution of the pedal will turn the rear wheel 3 times. So 12 revolutions will turn the rear wheel 36 times.
Question: 5

What weight (X) is needed to balance the two loads shown in the figure below?
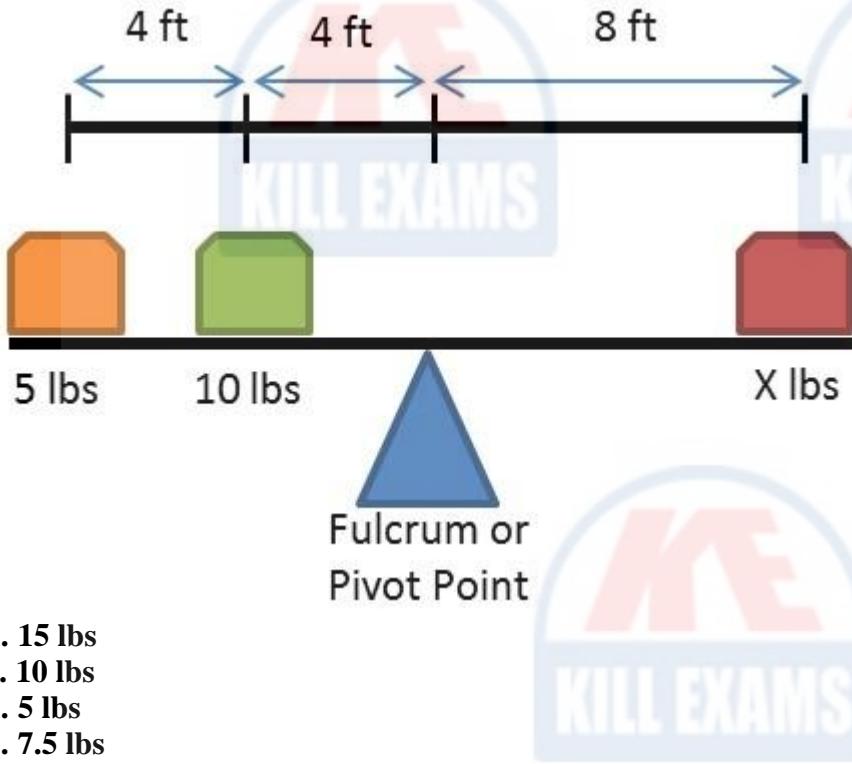
A. 15 lbs
B. 10 lbs
C. 5 lbs
D. 7.5 lbs

Answer: B

For the weights to balance, the sum of the forces must balance.
Therefore, (5 lbs x 8 ft) + (10 lbs x 4 ft) = X lbs x 8 ft or 40 lb-ft + 40 lb-ft = 8X lb-ft or X=10 lbs

ASVAB
Paragraph Comprehension

Question: 146

I returned from the City about three o'clock on that May afternoon pretty well disgusted with life. I had been three months in the Old Country and was fed up with it. If people had told me a year ago that I would've been feeling like that I should've laughed at them; but there was the fact. The weather made me liverish, the talk of the ordinary Englishman made me sick, I couldn't get enough exercise, and the amusements of London seemed as flat as soda water that had been standing in the sun.

The author is speaking of his travels in _____.

A. Spain
B. Great Britain
C. Germany
D. Scotland

Answer: B

The words London and Englishmen make it clear that the author is speaking of his travels in England (Great Britain).

Question: 147

Surveys show that the average child under the age of 18 watches four hours of television per day. Although some of the programming may be educational, most isn't. Spending this much time watching television interferes with a child's ability to pursue other interests, such as reading, participating in sports, and playing with friends.

The author of this passage would agree that _____.

A. television viewing should be restricted
B. parents who let their children watch this much television is neglectful
C. reading, participating in sports, playing with friends, and watching television should all be given equal time
D. adults over 18 can watch as much television as they want

Answer: A

The author makes no reference to parents in the passage, so Choice "parents who let their children watch this much television is neglectful" is incorrect.
The author doesn't imply anything about all these interests requiring equal time, so Choice "reading, participating in sports, playing with friends, and watching television should all be given equal time" is incorrect. The passage is about children under 18; no conclusion can be drawn about what the author thinks people over 18 should do, so Choice "adults over 18 can watch as much television as they want" is incorrect.

Question: 148

To write or not to write – that is the question. If assigned a writing task, there's no option. However, if someone is looking for a specific answer, find out if they need a short answer or a detailed one. Can the requirement be met with a telephone call, e-mail, or short note, or is something more necessary? A former CEO of a major corporation once commented that he had looked at 13,000 pieces of paper in a 5-day period. Think how much easier and more economical it would be if people would use the telephone, send an e-mail, or write a short note.

The main point of this passage is _____.

A. Written records are important as they provide detailed documentation.
B. More business people should invest time and energy improving their writing skills.

C. Writing may not be the best way to communicate information.
D. It's pointless for business people to spend time improving their writing skills.

Answer: C

Choices "Written records are important as they provide detailed documentation." and "More business people should invest time and energy improving their writing skills." may be true in certain situations, but they're not the point of this particular paragraph.
The passage doesn't say anything about working to improve writing skills being a waste of time, so Choice "It's pointless for business people to spend time improving their writing skills" is incorrect. The main point of the paragraph is that writing may not be the most efficient way of communicating, depending on the situation.

Question: 149

The transistor, a small, solid-state device that can amplify sound, was invented in 1947. At first, it was too expensive and too difficult to produce to be used in cheap, mass-market products. By 1954, though, these cost and production problems had been overcome, and the first transistor radio was put on the market.
According to this passage, _____.
A. there was no market for transistors before 1954
B. when transistors could be produced cheaply and easily, the transistor radio was put on the market
C. transistors were invented in 1947 by order of the Department of Defense
D. transistors are still expensive to produce

Answer: B

Products with transistors weren't widely sold before 1954 because of the expense and difficulty of production, not because markets didn't exist; so Choice "there was no market for transistors before 1954" is incorrect. Choices "transistors were invented in 1947 by order of the Department of Defense" and "transistors are still expensive to produce" aren't supported in the passage. The passage states that the problem of transistors being expensive and difficult to produce was solved by 1954.

Question: 150

The success or failure of a conference lies largely with its leader. A leader's zest and enthusiasm must be real, apparent, and contagious. The leader is responsible for getting the ball rolling and making the attendees feel as if the meeting is theirs and its success depends on their participation. A good, thorough introduction helps establish the right climate.
A good title to this paragraph would be _____.
A. Lead by Example
B. The Importance of Proper Introductions
C. Leading a Successful Conference
D. Conference Participation Basics

Answer: C

Choice "Lead by Example" is always a good philosophy but isn't pertinent to the main point of the passage. Choices "The Importance of Proper Introductions" and "Conference Participation Basics" are subpoints, which support the main point of the passage, which is how to lead a successful conference.

Question: 151

Cloud seeding is accomplished by dropping particles of dry ice (solid carbon dioxide) from a plane onto super-cooled clouds. This process encourages condensation of water droplets in the clouds, which usually, but not always, results in rain or snow.
From this passage, it's reasonable to assume that _____.

A. cloud seeding could be used to end a drought
B. cloud seeding is prohibitively expensive
C. cloud seeding is rarely used
D. cloud seeding can be accomplished by using regular ice

Answer: A

One can assume that causing rain or snow would end a drought. Nothing in the passage has to do with expense, so Choice "cloud seeding is prohibitively expensive" is incorrect.
The passage says nothing about how frequently the process is used, so Choice "cloud seeding is rarely used" is incorrect.
The passage specifies that dry ice (solid carbon dioxide) is used; solid water (regular ice) is a different chemical, so Choice "cloud seeding can be accomplished by using regular ice" is wrong.

Question: 152

Indo-European languages consist of those languages spoken by most of Europe and in those parts of the world that Europeans have colonized since the 16th century (such as the United States). Indo-European languages are also spoken in India, Iran, parts of western Afghanistan, and in some areas of Asia. The author of this passage would agree that _____.
A. Indo-European languages are spoken in areas all over the world
B. Indo-European languages include all the languages spoken in the world
C. only Europeans speak Indo-European languages
D. Indo-European language speakers can easily understand one another

Answer: A

Many languages are excluded from the Indo-European language group, so Choice "Indo-European languages include all the languages spoken in the world" is incorrect.
Indians, Iranians, Asians, and Afghans aren't Europeans, so Choice "only Europeans speak Indo-European languages" is incorrect.
The passage gives no evidence to support Choice "Indo-European language speakers can easily understand one another", which isn't true.

Question: 153

In privatization, the government relies on the private sector to provide a service. However, the government divests itself of the entire process, including all assets. With privatized functions, the government may specify quality, quantity, and timeliness requirements, but it has no control over the operations of the activity. Also, the government may not be the only customer. Whoever the government chooses to provide the services would likely provide the same services to others.
This paragraph best supports the statement that _____.
A. the government must closely supervise privatized functions
B. privatized functions consist of a mixture of government employees, military personnel, and private contractors
C. privatized functions are those institutions that provide services only to a government agency
D. privatized functions provide essential services to the government

Answer: D

Privatized functions operate independently of the government, making Choices "the government must closely supervise privatized functions" and "privatized functions consist of a mixture of government employees, military personnel, and private contractors" incorrect.
The passage states that privatized functions may sell goods and services to other customers as well as the

government, so Choice "privatized functions are those institutions that provide services only to a government agency" is also incorrect.
Choice "privatized functions provide essential services to the government" is the correct answer, as privatized functions do perform essential services to government agencies.

Question: 154

An important stage of personal time management is to take control of appointments. Determined by external obligation, appointments constitute interaction with other people and an agreed-on interface between your activities and those of others. Start with a simple appointment diary. List all appointments including regular and recurring ones. Now, be ruthless and eliminate the unnecessary. There may be committees where you can't productively contribute or where a subordinate may be able to participate. Eliminate the waste of your time.
Effectively managing your appointments allows you to _____.
A. spend more time with your subordinates
B. delegate responsibility to subordinates
C. make more efficient use of your time
D. attend only the most important meetings

Answer: C

Effective appointment management eliminates the waste of your time, as explained in the last sentence of the passage.

Question: 155

The U.S. Congress consists of 100 senators and 435 representatives. Two senators are elected from each state. The number of representatives from each state is based on population, although each state has at least one representative. Senators serve six-year terms and representatives serve two-year terms.
According to this passage, _____.
A. there are an equal number of senators and representatives
B. the number of representatives from each state is decided by a lottery
C. it's possible for a state to have no representatives
D. senators and representatives have different term lengths

Answer: D

The passage gives the numbers of senators and representatives, so Choice "there are an equal number of senators and representatives" is incorrect.
The passage states that each state's population determines the number of representatives a state has, so Choice "the number of representatives from each state is decided by a lottery" is incorrect. As stated in the passage, each state has at least one representative, so Choice "it's possible for a state to have no representatives" is incorrect.

ASVAB
Word Knowledge

Question: 315

The word most opposite in meaning to stimulate is _____.
A. support
B. arrest
C. travel
D. dislike

Answer: B

Question: 316

Legacy most nearly means _____.
A. history
B. bequest
C. story
D. will

Answer: B

Question: 317

flagrant most nearly means _____.
A. quiet
B. amazing
C. delayed
D. glaring

Answer: D

Question: 318

He tried to goad his audience.
A. insult
B. incite
C. please
D. bore

Answer: B

Question: 319

He ran headlong into the fight.
A. headfirst
B. reluctantly
C. happily
D. recklessly

Answer: D

Question: 320

The exchange student was proficient in french, German, and English.
A. poor
B. knowledgeable
C. adept
D. exacting

Answer: C

Question: 321

The students were scheduled to observe a plenary session of Congress.
A. scheduled
B. example
C. special
D. full

Answer: D

Question: 322

Theorize most nearly means _____.
A. know
B. speculate
C. study
D. travel

Answer: B

Question: 323

Symmetrical most nearly means _____.
A. uplifted
B. congruent
C. handsome
D. positive

Answer: B

Question: 324

The gold was kept in a secure vault.
A. locked
B. safe
C. unknown
D. thick

Answer: B

Question: 325

Assimilate most nearly means _____.
A. absorb
B. react
C. pretend
D. lie

Answer: A

KILLEXAMS.COM

Killexams.com is a leading online platform specializing in high-quality certification exam preparation. Offering a robust suite of tools, including MCQs, practice tests, and advanced test engines, Killexams.com empowers candidates to excel in their certification exams. Discover the key features that make Killexams.com the go-to choice for exam success.

Find Exam
Search your required exam

Exam Questions:

Killexams.com provides exam questions that are experienced in test centers. These questions are updated regularly to ensure they are up-to-date and relevant to the latest exam syllabus. By studying these questions, candidates can familiarize themselves with the content and format of the real exam.

Exam MCQs:

Killexams.com offers exam MCQs in PDF format. These questions contain a comprehensive collection of questions and answers that cover the exam topics. By using these MCQs, candidate can enhance their knowledge and improve their chances of success in the certification exam.

Practice Test:

Killexams.com provides practice test through their desktop test engine and online test engine. These practice tests simulate the real exam environment and help candidates assess their readiness for the actual exam. The practice test cover a wide range of questions and enable candidates to identify their strengths and weaknesses.

Guaranteed Success:

Killexams.com offers a success guarantee with the exam MCQs. Killexams claim that by using this materials, candidates will pass their exams on the first attempt or they will get refund for the purchase price. This guarantee provides assurance and confidence to individuals preparing for certification exam.

Updated Contents:

Killexams.com regularly updates its question bank of MCQs to ensure that they are current and reflect the latest changes in the exam syllabus. This helps candidates stay up-to-date with the exam content and increases their chances of success.