

Multiple choice questions (single answer)

1. Male lions are rather restrained about expanding their energy in hunting. More than three quarters of kills are made by lionesses in front, tensely scanning ahead, the cubs lag playfully behind and the males bring up the rear, walking slowly, their massive heads nodding with each step as if they were bored with the whole matter. But slothfulness may have survival value. With the lionesses busy hunting, the males function as guard for the cubs, protecting them particularly from hyenas.

According to the passage male lions generally do not go hunting because

- A. They do not like it.
- B. they want lioness to get trained
- C. they wish to save their vigour for other things
- D. they are very lazy

Answer -

2. Until the end of his first year at school, Cyril retained many of the pleasures and pursuits he had brought with him from home, and he kept an old interest in butterflies and fossils. His grandmother had presented him with a fine bird's eggs cabinet, but he could never bring himself to risk in climbing trees. Once or twice he dissected dead birds from sheer determination to overcome his horror of the operation. Probably it was his envy of those physically unlike himself that brought on a phase during which he drew massive athletes with thick necks and square shoulders. Again he was pitying himself for what he could never be.

Cyril dissected dead birds

- A. to see if he would like to become a doctor
- B. to please his grandmother
- C. because he enjoyed performing operations.
- D. to overcome the fear of act

Answer -

3. Many sociologists have argued that there is a functional relationship between education and the economic system. They point out to the fact that mass formal education began in industrial society. They note that the expansion of the economies of industrial societies is accompanied by a corresponding expansion of their educational systems. They explain this correspondence in terms of the needs of industry for skilled and trained manpower, needs which are met by the educational system. Thus, the provision of mass elementary education in Britain in 1870 can be seen as a response to the needs of industry for a literate and numerate workforce at a time when industrial processes were becoming more complex and the demand for technical skills was steadily growing.

The industry needs a literate work-force because

- A. its expansion needs sound learning
- B. it relies heavily on expertise
- C. it promotes a competitive spirit
- D. its operations need intricate technical knowledge

Answer -

Multiple choice questions (multiple answer)

Question 1

One of the factors that keeps electric vehicles from wide adoption is range anxiety. Though battery technologies have come a long way in the last decade, with 100 miles on a charge being common and Teslas easily topping 200 miles, people still want to know they can take off on a family vacation or a weekend away.

A French company has a cute solution to this problem: EP Tender, a generator housed in a little two-wheeled trailer pulled by your EV(electronic vehicle). It's just over 4 feet long and over 400 pounds, which seems like a lot for an EV to pull.

That might seem like a heavy piece of equipment to tow behind an EV, but the idea isn't to tow a generator behind your car all day every day. It's meant to be a range extender that owners can rent for longer trips. It's even got a rack on top for your extra gear or vacation luggage. The company is also planning on making both gasoline-fueled and fuel-cell versions of the generator so drivers can choose between easy convenience and eco-friendliness. You're probably wondering how you'd park this thing, but EP Tender has already thought of that and engineered their way out of the problem. The EV pulls into a parking space with the EP Tender and inches to spare. Then, to leave the space, the EP Tender deploys its secondary set of smaller wheels and lifts the larger rear wheels off the ground. They can then track with the car as it backs up. When the driver is ready to drive forward, the EP Tender puts its regular wheels down and lifts that secondary set up, and it's ready to go. This wheel design is actually the subject of the EP Tender's patent.

Which of the following statements are true about the EP Tender?

- a) It is designed so that users can tow it behind their car every day.
- b) It has a patented wheel design that is used during parking.
- c) It has two sets of wheels, one large and one small.
- d) It has a gasoline-fuelled version meant for eco-friendliness.

- e) It will primarily be available in France.

Answer -

Question2

Australia is a country for all seasons. You can do practically anything here, at any time of year. There are four seasons across most of the country and a wet and dry season in our tropical north.

Summer in Australia, from December to February, is a great time to get outdoors. Swim Sydney's beaches or hike Tasmania's Overland Track. March to May heralds Australia's autumn, a season of fiery foliage in Canberra and the Formula 1 Grand Prix in Melbourne. Australia's winter, from June to August, offers snow skiing in the Australian Alps. Alternatively, take a winter sun holiday. Snorkel in the temperate Great Barrier Reef or 4WD through South Australia's Simpson Desert. Spring in Australia, from September to November is the time to watch for whales and wildflowers as you explore the wineries of Western Australia's Margaret River region.

In tropical Australia, the dry season from May to October has clear blue skies and sunny days. It's the time to experience Darwin's vibrant outdoor markets, movies and festivals. December to March is the wet season, which is hot and humid with daily rainstorms. See waterfalls thunder through Litchfield and Kakadu National Parks or fly over Katherine Gorge when its water levels are highest.

Which of the following statements are true about Australia?

- a) The hottest time of the year is from December to February.
- b) Australia has two seasons a wet season and a dry season.
- c) The best time to whale watching are the months after November.

- d) Daily Rainstorms are frequent throughout the year.
- e) Darwin's vibrant outdoor markets are best experienced in the dry season.

Answer -

Re-order paragraphs

1)

- Current Republican frontrunner Donald Trump called for an end to automatic citizenship given to people born in the U.S. to undocumented immigrants.
- Several Republican candidates, including Ted Cruz and Rick Santorum, have since announced they support similar measures.
- The subject of citizenship by birth to illegal immigrants is a controversial topic with mixed views.
- Jeb Bush, Marco Rubio and John Kasich have countered this and stated they support of citizenship by birthright, which is generally considered to be protected under the 14th Amendment.
- His full immigration policy, which includes deporting all undocumented migrants living in the country, was released a few days back.

2)

- After receiving the ball, the Titans began a flurry of backwards laterals to avoid the oncoming Buffalo defenders.
- The game is known famously for the last play of regulation when the Bills were kicking the ball off to the Titans after taking a 16-15 lead with 16 seconds left.
- The Buffalo Bills have not returned to the playoffs since.
- The Music City Miracle (January 8, 2000) refers to the wild card playoff football game between the Buffalo Bills and the Tennessee Titans.
- Kevin Dyson would be the one to score on the play, giving the Titans a 22-16 victory.

Fill in the blanks (Drag n drop)

1. After ____ blocking the measure, the Senate later reached an ____ to accelerate negotiations to ____ a massive trade deal ____ as the Trans-Pacific Partnership on May 13, 2015 after President Obama reached out to members.

Options: conclusion, initially, complete, known, , overview, agreement, looking

2. The Enron scandal, which was ____ in October 2001, ____ led to the bankruptcy of the Enron Corporation, a US ____ Energy Company in Houston, Texas.

Options: hidden, exposed, eventually, based, randomly

3. Nobody truly knows ____ how the universe came into existence, but many scientists ____ that it happened approximately 13.7 billion years ago with a massive explosion, ____ the Big Bang.

Options: called, carefully, believe, certain, claiming, exactly

4. Genetic modification is a process of ____ the genes of an organism by introducing or removing specific DNA sequences. In the case of food, these modifications are usually targeted at ____ crop yield and making the crops more resilient to disease or chemical agents. These changes can be made much more quickly and ____ through genetic engineering than through repeated breeding. These methods are ____, with many scientists claiming that GM crops are safe, and many opponents saying that they require further environmental- and health-related ____.

Options: think, increasing, altering, creating, reliably, controversial, study, dividing,

Fill in the blanks (list of choices)

1. One of the fundamental principles in quantum mechanics, Heisenberg's Uncertainty Principle explains that a proportional relationship exists when ____ (minimizing, looking, observing, evolving) objects at the microscopic scale.

The more data one has about the ____ (abdication, caption, condemnation, promotion, position) of an object the less data one has on the momentum of an object (and vice versa).

Simply, one cannot measure both properties of each equation to an infinite degree of ____ (freedom, precision comparison, dissociation) regardless of the accuracy of the instruments or methods. This problem arises from the wave properties inherent in quantum mechanical nature. It is a fundamental limit on precise data ____ (absolving, relating, banking, contending) to behaviour of quantum systems. –

2. Positive thinking is a mental and emotional attitude that focuses on the bright side of life and expects positive results. A positive person anticipates happiness, health and success, and believes he or she can overcome any obstacle and difficulty.
Positive thinking is not accepted by everyone. Some, consider it as nonsense, and scoff at people who ____ (dismiss, avoid, fight, follow) it, but there is a growing number of people, who accept positive thinking as a fact, and believe in its effectiveness. It seems that this subject is gaining ____ (adversity, popularity, insecurity, rarity), as evidenced by the many books, lectures and courses about it.

To use it in your life, you need more than just to be aware of its ____ (existence, ambience, coherence, turbulence). You need to adopt the attitude of positive thinking in everything you do. With a positive attitude we experience pleasant and happy feelings. This brings brightness to the eyes, more energy, and happiness. Our whole being broadcasts good will, happiness and success. Even our health is affected in a ____ (detrimental, useless, social, beneficial) way. We walk tall, our voice is more powerful, and our body language shows the way we feel.

3. When humans first ____ (transferred, peered, ventured, engulfed) out of Africa some 60,000 years ago, they left genetic footprints still visible today. By mapping the appearance and frequency of genetic markers in modern peoples, we create a picture of when and where ancient humans moved around the world. These great migrations eventually led the ____ (leaders, forefathers, ancestors, descendants) of a small group of Africans to occupy even the farthest reaches of the Earth.

Our species is an African one: Africa is where we first evolved, and where we have spent the majority of our time on Earth. The earliest fossils of recognizably modern Homo sapiens appear in the fossil record at Omo Kibish in Ethiopia, around 200,000 years ago. Although earlier fossils may be found over the coming years, this is our best understanding of when and approximately where we ____ (remained,

transcended, terminated, originated).

According to the genetic and paleontological record, we only started to leave Africa between 60,000 and 70,000 years ago. What set this in motion is uncertain, but we think it has something to do with major climatic shifts that were happening around that time—a sudden cooling in the Earth's climate driven by the onset of one of the worst parts of the last Ice Age. This cold snap would have made life difficult for our African ancestors, and the genetic evidence points to a sharp reduction in population size around this time. In fact, the human ____ (evolution, species, nature, population) likely dropped to fewer than 10,000. We were holding on by a thread.

4. Traffic jams are the bane of motorists' lives, whether it's the daily ____ (cruise, habits, operation, bottleneck) during the commute to work, or endless delays on motorways at the start of the holidays. If you think your journey is bad, spare a thought for drivers in Sao Paolo, Brazil – one evening in May this year, the traffic jams during rush hour added up to a 344km (214-mile) cumulative queue, according to the city's traffic ____ (conversation, implementation, management, promotion) agency. Jams are not only frustrating, they are also a major contributor to air pollution, and that's bad not just for our climate, but everybody's health too. According to ____ (students, visitors, researchers, architecture) at the Harvard Center for Risk Analysis, congestion in the 83 largest urban areas in the United States caused more than 2,200 premature deaths in 2010 and added \$18bn to public health costs.

Then there is the ____ (emotional, strategic, lowering, economic) cost of lost hours (both work and leisure) and delayed shipments. Drivers in the 10 most-congested cities in the United States sit around 42 hours in traffic jams every year, wasting more than \$121bn in time and fuel while doing so.

5. The dictionary gives an even broader definition for "poison": "to exert a harmful influence on, or to pervert". Dr. Martin ____ (classified, organised, discovered, consumed) refined sugar as a poison because it has been depleted of its life forces, vitamins and minerals. "What is left consists of pure, refined carbohydrates. The body cannot ____ (authorize, elaborate, utilize, profit) this refined starch and carbohydrate unless the depleted proteins, vitamins and minerals are present. Nature supplies these elements in each plant in quantities sufficient to metabolize the carbohydrate in that particular plant. There is no excess for other added carbohydrates. Incomplete carbohydrate metabolism results in the formation of 'toxic metabolite' such as pyruvic acid and abnormal sugars containing five carbon atoms. Pyruvic acid ____ (visits, hinders, delivers, accumulates) in the brain and nervous system and the

abnormal sugars in the red blood cells. These toxic metabolites interfere with the respiration of the cells. They cannot get sufficient oxygen to survive and function normally. In time, some of the cells ____ (thrive, heal, die, phone). This interferes with the function of a part of the body and is the beginning of degenerative disease.

6. Smiling happens without much thought. When you watch a friend do something silly or embarrassing, you smirk. When a police officer lets you off without a ticket, you ____ (frown, grumble, grin, meditate). And when you are recognized for your top performance in academics or at work, you beam. Smiling is a very natural response that shares our happiness with others.

But did you know that smiling also triggers activity in your brain? Yes, there's a serious mind-body ____ (mystery, solution, connection, trick) there, in your left frontal cortex to be exact, which is—not surprisingly—the area of your ____ (emotion, heart, brain, feelings) that registers happiness.

it turns out that the simple act of smiling sends a message to your brain that you're happy. And when you're happy, your body pumps out all kinds of feel-good endorphins. Research shows that smiling is ____ (beneficial, internal, solitary, contagious). Ever been around someone who just had something fantastic happen to him or her? Isn't it almost impossible not to feel good, too? Studies show that something as simple as seeing a friend smile can activate the muscles in your face to make that same expression, without you even being aware that you are doing it.

Answer Key

Multiple choice questions (single answer)

1. c
2. d
3. d

Multiple choice questions (multiple answer)

1. b and c
2. a and e

Re -order paragraphs

1. caebd
2. dbaec

Fill in the blanks (drag n drop)

1. initially, agreement, complete, known,
2. exposed, eventually, based
3. exactly, believe, called
4. altering, increasing, reliably, controversial study

Fill in the blanks (list of choices)

1. observing , position , precision, relating
 2. follow , popularity , existence , beneficial
 3. ventured , descendants , originated , population
 4. bottleneck, management , researchers , economic
 5. classified , utilize, accumulates , die
 6. grin , connection , brain , contagious
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Below is how you are scored.

Multiple choice questions (single answer) :

+1 point for each correct answer

Multiple choice questions (multiple answer) :

+1 each correct option. -1 for each incorrect option. Minimum 0 per answer.

Re-order paragraphs:

1 point for each pair of correct adjacent textboxes (so max of 4 points per question)

Fill in the blanks (x2) :

1 point for each correct blank.