



MODEL QUESTION 7

Unit: 4, lesson: 1

When you are in the driving seat of a car, you have the steering and the horn in your hands, the brake and accelerator under your feet, eyes open looking ahead, left and right. The same can be said about a motorcycle rider, with some modifications. These are all very visible. But, behind all, there is something that keeps working unseen. And that is the Central Processing Unit (CPU), your brain. CPUs are artificially intelligent machines that are programmed to do specific jobs under fixed conditions and judgments. But the human brain is intelligent by nature. It is the most sophisticated machine that is able to operate on ever-changing conditions and standards of judgment. As conditions in the traffic keep invariably changing, this virtue of sophistication of your brain must be at work when you are driving. The difference between traffic in the roads and highways and racing circuit must not be blurring inside you. Never imagine yourself to be a Michael Schumacher driving an F-1 at 300 mph. Leave no room for fantasy. You must always be ready to encounter unexpected behavior from any vehicle or pedestrian. 'Keep your cool' is easy to advice but difficult to maintain. Still you must always restrain yourself because, at the end of the day, you don't want to be regarded as a killer. Now you see, the last thing that differentiates you from a computer is your conscience.

1. Choose the right word which is the closest meaning in the context that has been used in the text.
 - a. The word **steering** refers to text _____
 - i) Speeding
 - ii) Stopping
 - iii) Changing speed
 - iv) Directing
 - b. What is the function of the accelerator?
 - i) Charging battery
 - ii) Changing speed
 - iii) Stopping
 - iv) controlling
 - c. Which organ is the word visible associated with?
 - i) Ear
 - ii) Nose
 - iii) Eyes
 - iv) hands
 - d. Which statement is incorrect?
 - i) human brain is artificially intelligent
 - ii) CPU control everything
 - iii) Machines cannot judge without the help of human being
 - iv) Machine brain cannot be changed.
 - e. The word **sophisticated** refers to text _____
 - i) Complex
 - ii) Primitive
 - iii) Modern
 - iv) redefined
 - f. Michael Schumacher is a _____
 - i) Hollywood hero
 - ii) German racing driver
 - iii) English footballer
 - iv) Australian cricketer
 - g. The word **pedestrian** refers to text _____
 - i) Walker
 - ii) Pediment
 - iii) Refiner
 - iv) Adjustment
 - h. The word **fantasy** refers to text _____
 - i) Enjoyment
 - ii) Imagination
 - iii) Entertainment
 - iv) None of them
 - i. The word **modification** refers to text _____
 - i) Merriment
 - ii) Mood
 - iii) Modifies
 - iv) Alternation
 - j. CPU is an intelligent machine that works as _____
 - i) Naturally
 - ii) Installed software
 - iii) Artificially
 - iv) The order of nature
 - k. Human brain works according to _____

- i) Artificial process ii) Natural process iii) Judgment iv) Fixed programme

l. What might happen if the brake of a vehicle fails?

- i) The vehicle might face an accident ii) it will stop the vehicle
iii) it will decrease the speed of the vehicle iv) it will accelerate the speed of the vehicle

m. What is meant by "artificially intelligent machines"?

- i) They can perform jobs more intelligently than human beings
ii) they can perform fixed jobs under set conditions
iii) their performance is similar to that of human beings
iv) they can perform innovative jobs under varying conditions

n. Fantasy is a bad thing because _____

- i) It compels an individual to set unlimited targets
ii) The fancy ideas often become very costly
iii) It becomes very difficult to implement fantasized ideas
iv) It makes an individual impractical in real life

(o) Which of the following is the most complicated part of human body?

- (i) Head (ii) Hand (iii) Stomach (iv) Brain

(p) The function of an accelerator is to _____

- (i) increase speed (ii) decrease speed (iii) control a car (iv) stop a car

(q) Why has the human brain been called Central Processing Unit (CPU)?

- (i) Because the brain is in the central part of a human body
(ii) Because the brain is exactly in the centre of a human body
(iii) Because the brain is the centre of all activities
(iv) All the three answers are wrong

(r) Human brain is the most sophisticated machine because _____

- (i) it can adjust well even in a changed situation (ii) is a replaceable thing
(iii) it is the latest machine
(iv) it is the perpetually developing device capable of meeting the ever-increasing demands of situations

(s) What could be the closest meaning for 'conscience' in the last sentence?

- (i) Principles (ii) Judgement (iii) Alert and awake
(iv) The sense of right and wrong that governs a person's thoughts and actions

(t) How do a car and motor cycle differ in respect of brake and accelerator?

- (i) They do not differ, so they are same.
(ii) The former's ones are feet-controlled while the latter's ones are hands-controlled
(iii) The former's ones are hands-controlled while the latter's ones are feet-controlled
(iv) They differ and the point of difference is not mentioned

(u) The best synonym of 'encounter' is _____

- (i) battle (ii) meeting (iii) face (iv) clash

2. Write the answer of the following question.

- a. What do you see the difference between other human organs and the brain?
b. What is the difference between a computer and the human brain?
c. What is a CPU? What are its functions?



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- d. What are the main challenges facing a driver?
- e. How is a racing circuit different from a public road?

I am in a tiny steel cage attached to a motorcycle, stuttering through traffic in Dhaka, Bangladesh. In the last ten minutes, we have moved forward maybe three feet, inch by inch, the driver wrenching the wheel left and right, wriggling deeper into the wedge between a delivery truck and a rickshaw in front of us.

Up ahead, the traffic is jammed so close together that pedestrians are climbing over pickup trucks and through empty rickshaws to cross the street. Two rows to my left is an ambulance, blue light spinning uselessly. This is what the streets here look like from seven o'clock in the morning until ten o'clock at night. If you're rich, you experience it from the back seat of a car. If you're poor, you're in a rickshaw, breathing in the exhaust. I'm sitting in the back of a CNG, a three-wheeled motorcycle shaped like a slice of pie and covered with scrap metal. I'm here working on a human rights project, but whenever I ask people in Dhaka what they think international organizations should really be working on, they tell me about the traffic. Alleviating traffic congestion is one of the major development challenges of our time. Half the world's population already lives in cities, and the United Nations (UN) estimates that the proportion will rise to nearly 70 percent by 2050. Dhaka, the world's densest and fastest growing city, is a case study in how this problem got so bad and why it's so difficult to solve. Dhaka's infrastructure doesn't match the scale of its population. Just 7 percent of the city is covered by roads, compared with around 25 percent of Paris and Vienna. Dhaka also suffers from the absence of a planned road network. There are 650 major intersections, but only 60 traffic lights, many of which don't work. That means the police force isn't enforcing driving or parking rules; they're in the intersections, directing traffic.

3. Based on your reading of the passage, make short notes in each of the boxes of the flow chart showing how to alleviate traffic jam from Dhaka city. (No. 1 has been done for you)



Amidst killer speeds I stand
 Facing the traffic, stretching my hand.
 I am seen on kids' books and as cartoons everywhere
 Educating people and asking them to beware
 Of the erratic traffic and the signboards
 Seen on almost all the roads.
 So that you're safe I see each one of you
 But my sweat, my plight on the road sees who?
 Be it sunny or rainy,
 For your safety I must be
 Vigil and agile, on the middle
 Standing erect, as fit as a fiddle.
 Oh! My ear hurts! Oh! My head aches!
 Oh! Look at the weather...such unpredictable days!
 But I cannot swerve; I must be on duty.
 I care for your safety.
 Be it noisy or dusty; Be it sunny or rainy;
 I must be on duty. I care for your safety.