# LMAT Sample Paper

Sample Paper for:

LUMS Management Admission Test (LMAT)
For MBA, EMBA & PhD Management
Sessions

Purpose of this sample paper is to familiarize the test taker with the question types that appear on the actual test. The number of questions and the proportion of the questions do not as the number of questions on the actual test.

# Verbal

## Critical Reasoning

1. In Los Angeles, a political candidate who buys saturation radio advertising will get maximum name recognition.

   The statement above logically conveys which of the following?

   A. Radio advertising is the most important factor in political campaigns in Los Angeles.
   B. Maximum name recognition in Los Angeles will help a candidate to win a higher percentage of votes cast in the city.
   C. Saturation radio advertising reaches every demographically distinct sector of the voting population of Los Angeles.
   D. For maximum name recognition a candidate need not spend on media channels other than radio advertising.
   E. A candidate's record of achievement in the Los Angeles area will do little to affect his or her name recognition there.

   **Answer :** D

2. The rate of violent crime in this state is up 30 percent from last year. The fault lies entirely in our court system: Recently our judges' sentences have been so lenient that criminals can now do almost anything without fear of a long prison term.

   The argument above would be weakened if it were true that

   A. 85 percent of the other states in the nation have lower crime rates than does this state.
   B. white collar crime in this state has also increased by over 25 percent in the last year.
   C. 35 percent of the police in this state have been laid off in the last year due to budget cuts.
   D. polls show that 65 percent of the population in this state oppose capital punishment.
   E. the state has hired 25 new judges in the last year to compensate for deaths and retirements.

   **Answer :** C

3. The increase in the number of newspaper articles exposed as fabrications serves to bolster the contention that publishers are more interested in boosting circulation than in printing the truth. Even minor publications have staffs to check such obvious fraud.

   The argument above assumes that

   A. newspaper stories exposed as fabrications are a recent phenomenon.
   B. everything a newspaper prints must be factually verifiable.
   C. fact checking is more comprehensive for minor publications than for major ones.
   D. only recently have newspapers admitted to publishing intentionally fraudulent stories.
   E. the publishers of newspapers are the people who decide what to print in their newspapers.

   **Answer :** E

4. Time and again it has been shown that students who attend colleges with low faculty/student ratios get the most well-

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rounded education. As a result, when my children are ready to attend college, I'll be sure they attend a school with a very small student population.

Which of the following, if true, identifies the greatest flaw in the reasoning above?

A. A low faculty/student ratio is the effect of a well-rounded education, not its source.
B. Intelligence should be considered the result of childhood environment, not advanced education.
C. A very small student population does not by itself, ensure a low faculty/student ratio.
D. Parental desires and preferences rarely determines a child's choice of a college or university.
E. Students must take advantage of the low faculty/student ratio by intentionally choosing small classes.

**Answer :** C

5. All German philosophers, except for Marx, are idealists.

From which of the following can the statement above be most properly inferred?

A. Except for Marx, if someone is an idealist philosopher, then he or she is German.
B. Marx is the only non-German philosopher who is an idealist.
C. If a German is an idealist, then he or she is a philosopher, as long as he or she is not Marx.
D. Marx is not an idealist German philosopher.
E. Aside from the philosopher Marx, if someone is a German, then he or she is an idealist.

**Answer :** E

## Reading Comprehension

**Directions:**
Each reading comprehension passage in this section is followed by questions based on the content of the reading passage. Read the passage carefully and chose the best answer to each question. The questions are to be answered on the basis of what is stated or implied in the passage.

**Passage**
But man is not destined to vanish. He can be killed, but he cannot be destroyed, because his soul is deathless and his spirit is irrepressible. Therefore, though the situation seems dark in the context of the confrontation between the superpowers, the silver lining is provided by amazing phenomenon that the very nations which have spent incalculable resources and energy for the production of deadly weapons are desperately trying to find out how they might never be used. They threaten each other, intimidate each other and go to the brink, but before the total hour arrives they withdraw from the brink.

1. **The main point from the author's view is that**
   A. Man's soul and spirit cannot be destroyed by superpowers.
   B. Man's destiny is not fully clear or visible.
   C. Man's soul and spirit are immortal.
   D. Man's safety is assured by the delicate balance of power in terms of nuclear weapons.
   E. Human society will survive despite the serious threat of total annihilation.

**Answer :** E

2. **The phrase 'Go to the brink' in the passage means**
   A. Retreating from extreme danger.
   B. Declare war on each other.
   C. Advancing to the stage of war but not engaging in it.
   D. Negotiate for peace.
   E. Commit suicide.

**Answer :** C

3. **In the author's opinion**
   A. Huge stockpiles of destructive weapons have so far saved mankind from a catastrophe.
   B. Superpowers have at last realized the need for abandoning the production of lethal weapons.
   C. Mankind is heading towards complete destruction.
   D. Nations in possession of huge stockpiles of lethal weapons are trying hard to avoid actual conflict.
   E. There is a Silver lining over the production of deadly weapons.

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**Answer : D**

4. **'Irrepressible' in the second line means**
   A. incompatible
   B. strong
   C. oppressive
   D. un-restrain able
   E. inspirited

**Answer : D**

5. **A suitable title for the above passage is**
   A. Destruction of mankind is in evitable.
   B. Man's desire to survive inhibits use of deadly weapons.
   C. Mounting cost of modern weapons.
   D. Threats and intimidation between super powers.
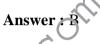   E. Cowardly retreat by man

**Answer : B**

## Sentence Correction

**Directions:**
The sentence correction question presents a sentence, all or part of which is underlined. Beneath the sentence you will find five ways of phrasing the underlined part. The first of these repeats the original; the other four are different. If you think the original is best, choose the first answer; otherwise choose one of the others.

1. Researchers at Cornell University have demonstrated that homing pigeons can sense changes in the earth's magnetic field, see light waves that people cannot see, detect low-frequency sounds from miles away, <u>sense changes in air pressure, and can identify familiar odors.</u>
   A. sense changes in air pressure, and can identify familiar odors
   B. can sense changes in air pressure, and can identify familiar odors
   C. sense changes in air pressure, and identify familiar odors
   D. air pressure changes can be sensed, and familiar odors identified
   E. air pressure changes are sensed, and familiar odors identified

**Answer : C**

2. In ancient times, Nubia was the principal corridor where there <u>were cultural influences transmitted between</u> Black Africa and the Mediterranean basin.
   A. where there were cultural influences transmitted
   B. through which cultural influences were transmitted
   C. where there was a transmission of cultural influences
   D. for the transmitting of cultural influences
   E. which was transmitting cultural influences

**Answer : B**

3. It is a special feature of cell aggregation in the developing nervous system that in most regions of the brain the cells not only adhere <u>to one another and also adopt</u> some preferential orientation.
   A. to one another and also adopt
   B. one to the other, and also they adopt
   C. one to the other, but also adopting
   D. to one another but also adopt
   E. to each other, also adopting

**Answer : D**

4. Among the reasons for the decline of New England agriculture in the last three decades were the high cost of land, the pressure of housing and commercial development, and <u>basing a marketing and distribution system on importing produce from Florida and California.</u>
   A. basing a marketing and distribution system on importing produce from Florida and California
   B. basing a marketing and distribution system on the imported produce of Florida and California
   C. basing a system of marketing and distribution on the import of produce from Florida and California
   D. a marketing and distribution system based on importing produce from Florida and California
   E. a marketing and distribution system importing produce from Florida and California as its base

**Answer : D**

5. <u>Like Byron</u> at Missolonghi, Jack London was slowly killed by the mistakes of the medical men who treated him.
   A. Like Byron
   B. Like Byron's death

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C. Just as Byron died
D. Similar to Byron
E. As did Byron

**Answer : A**

# Quantitative

## Problem Solving

**Directions:**
Solve each quantitative ability problem and indicate the best of the answer choices given.

**Numbers:** All numbers used are real numbers.

**Figures:** A figure accompanying a quantitative ability problem solving question is intended to provide information useful in solving the problem. Figures are drawn as accurately as possible EXCEPT when it is stated in a specific problem that its figure is not drawn to scale. Straight lines may sometimes appear jagged. All figures lie on a plane unless otherwise indicated.

1. A rectangle is 14 cm long and 10 cm wide. If the length is reduced by x cm and its width is increased also by x cm so as to make it a square then its area changes by :
   A. 4
   B. 144
   C. 12
   D. 2
   E. None of the above.

**Answer : A**

2. A motorcycle stunts man belonging to fair rides over the vertical walls of a circular well at an average speed of 54 km/h for 5 minutes. If the radius of the well is 5 meters then the distance traveled is:
   A. 2.5 km
   B. 3.5 km
   C. 4.5 km

D. 5.5 km
E. None of the above

**Answer : C**

3. If 1 cm on a map corresponds to an actual distance of 40 km. And the distance on the map between Bombay and Calcutta is 37.5 cm., the actual distance between them is :
   A. 375 km
   B. 3750 km
   C. 1500 km
   D. 1375 km
   E. None of the above

**Answer : C**

4. A box contains 90 nuts each of 100 gm and 100 bolts each of 150 gm. If the entire box weighs 35.5 kg., then the weight of the empty box is :
   A. 10 kg
   B. 10.5 kg
   C. 11 kg
   D. 11.5 kg
   E. None of the above

**Answer : D**

5. If the radius of a circle is increased by 20% then the area is increased by :
   A. 44%
   B. 120%
   C. 144%
   D. 40%
   E. None of the above

**Answer : A**

## Data Sufficiency

**Directions:**

Each of the following data sufficiency problems contains a question followed by two statements, numbered (A) and (B). You need not solve the data sufficiency problem; rather you must decide

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whether the information given is sufficient to solve the problem or not.

The correct answer to a question is

A. if statement (I) ALONE is sufficient to answer the question but statement (B) alone is not sufficient;
B. if statement (2) ALONE is sufficient to answer the question but statement (1) alone is not sufficient;
C. if the two statements TAKEN TOGETHER are sufficient to answer the question, but NEITHER statement ALONE is sufficient;
D. if EACH statement ALONE is sufficient to answer the question;
E. if the two statements TAKEN TOGETHER are still NOT sufficient to answer the question.

1. Is n an integer greater than 4?

   1) 3n is a positive integer.
   2) n/3 is a positive integer.

**Answer: E**

2. Is $x - y > r - s$ ?

   1) $x > r$ and $y < s$.
   2) $y = 2$, $s = 3$, $r = 5$ and $x = 6$.

**Answer: D**

3. If x and y are nonzero integers, is x/y an integer?

   1) x is the product of 2 and some other integer.
   2) There is only one pair of positive integers whose product equals y.

**Answer: E**

4. Is quadrilateral Q a square?

   1) The sides of Q have the same length.
   2) The diagonals of Q have the same length.

**Answer: A**

5. If p > 0 , what percent is p of q?
   (1) q = 2p
   (2) p+q = 36

## Analytical Assessment Writing

**Scientific inquiry is rooted in the desire to discover, but there is no discovery so important that in its pursuit a threat to human life can be tolerated.**

Write a unified essay in which you perform the following tasks. Explain what you think the above statements means. Describe a specific situation in which a threat to human life might be tolerated in the pursuit of scientific discovery. Discuss what you think determines when the pursuit of scientific discovery is more important than the protection of human life.

**For more practice questions visit:**

**www.megalecture .com**

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