



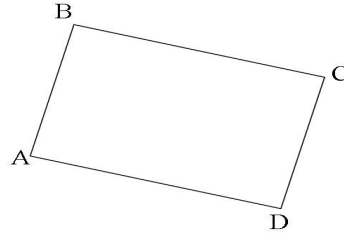
Forman Christian College
School of Management
Sample Forman Management Aptitude Test (FMAT)
Quantitative Section - Time Allowed 30 Minutes

1. In a group of people solicited by a charity, 30% contributed PKR 40 each, 45% contributed PKR 20 each and the rest contributed PKR 12 each. What percentage of the total contributed came from people who gave PKR 40 each?
 - a. 25%
 - b. 30%
 - c. 40%
 - d. 45%
 - e. 50%
2. The ratio of chicken to sheep to horses on a farm can be expressed as a triple ratio 20:4:6. If there are 120 chickens on the farm, then the number of horses on the farm is:
 - a. 4
 - b. 6
 - c. 24
 - d. 36
 - e. 60
3. Frank is 15 years younger than John. In 5 years, John will be twice as old as Frank. How old will Frank be in 4 years?
 - a. 8
 - b. 10
 - c. 12
 - d. 14
 - e. 16

Questions 4 has a question and two statements which are labeled 1) and 2). Use the data given in 1) and 2) together with the available information to decide whether the statements are sufficient to answer the question then use the following choices for each question:

- A. If you can get the answer from **1) ALONE** but not from 2) alone.
- B. If you can get the answer from **2) ALONE** but not from 1) alone.
- C. If you can get the answer from **BOTH 1) and 2) TOGETHER** but not from 1) or 2) alone.
- D. If **EITHER** statement **1) ALONE OR** statement **2) ALONE** suffices.
- E. If you **CANNOT** get the answer from statements 1) and 2) **TOGETHER**, but need even more data.

4. Is ABCD a parallelogram?



- 1) $AB = CD$
 - 2) AB is parallel to CD
5. A horse can travel at the rate of 5 mile per hours for the first 2 hours of a trip. After the first 2 hours, the horse's speed drops to 3 miles per hours. How many hours will it take the horse to travel 20 miles?
 - a. 4
 - b. 5
 - c. $5 \frac{1}{3}$
 - d. $5 \frac{1}{2}$
 - e. $5 \frac{2}{3}$
 6. Which of the following numbers is the Least Common Multiple of the numbers 2, 3, 4 and 5?
 - a. 12
 - b. 24
 - c. 30
 - d. 40
 - e. 60
 7. Which of the following figures has the largest area?
 - I. A circle of radius $\sqrt{2}$
 - II. An equilateral triangle whose side each has a length of 4
 - III. A triangle whose sides have lengths 3, 4 and 5.
 - a. I
 - b. II
 - c. III
 - d. I and II
 - e. II and III
 8. If $x + 8y = 20$ and $x = -3y$, then $y =$
 - a. 3
 - b. 4
 - c. 5
 - d. 6
 - e. 8



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Verbal Section - Time Allowed 30 Minutes

Comprehension Passage

Eight percent of Earth's crust is aluminum, and there are hundreds of aluminum-bearing minerals and vast quantities of the rocks that contain them. The best aluminum ore is bauxite, defined as aggregates of aluminous minerals, more or less impure, in which aluminum is present as hydrated oxide. Bauxite is the richest of all those aluminous rocks that occur in large quantities and it yields alumina, the intermediate product required for the production of aluminum. Alumina also occurs naturally as the mineral corundum, but corundum is not found in large deposits of high purity, and therefore it is an impractical source for making aluminum. Most of the many abundant nonbauxite aluminous minerals are silicates, and, like all silicate minerals, they are refractory, resistant to analysis, and extremely difficult to process. The aluminum silicates are therefore generally unsuitable alternatives to bauxite because considerably more energy is required to extract an alumina from them.

1. The author implies that a mineral must either be or readily supply which of the following in order to be classified as an aluminum ore?

- (A) An aggregate
- (B) Bauxite
- (C) Alumina
- (D) Corundum
- (E) An aluminum silicate

Sentence Correction

1. My objection to him taking part in this dispute is based on my belief that he is not a disinterested party.
- (A) My objection to him taking part in this dispute is based on my belief that he is not a disinterested party.
 - (B) My objection to his taking part in this dispute is based on my belief that he is not a disinterested party.
 - (C) My objection to him taking part in this dispute is based on my belief that he is not an uninterested party.
 - (D) My objection to his taking part in this dispute is based on my belief that he is not an uninterested party.
 - (E) I object to him taking part in this dispute because he is not a disinterested party.

Antonyms

1. Exact
- (A) Deny
 - (B) Judge
 - (C) Deprive
 - (D) Forgive
 - (E) Establish

Sentence Completion

1. Compared mathematically to smoking and driving, almost everything else seems relatively risk-free, ----- almost nothing seems worth regulating.
- (A) yet
 - (B) since
 - (C) so
 - (D) even though
 - (E) as long as



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Analytical Section - Time Allowed 30 Minutes

Select only one of the following topics and discuss the relevant propositions in a maximum of 500 words. You are allowed a maximum of 30 minutes to work on this section.

1. If you had Rs 10 billion, where, among the following areas would you spend it: primary education, higher (university) education, rural health, law and order and adult education? Why? You can pick ONLY ONE area.
2. Multinational companies are the best way of introducing modern management practices to the Pakistani Business environment and to Pakistani firms.
3. In a developing country like Pakistan, the government should try to avoid imposing and enforcing rules like environmental safety, child labor, work place hygiene and safety, and strict taxation on the business community.