


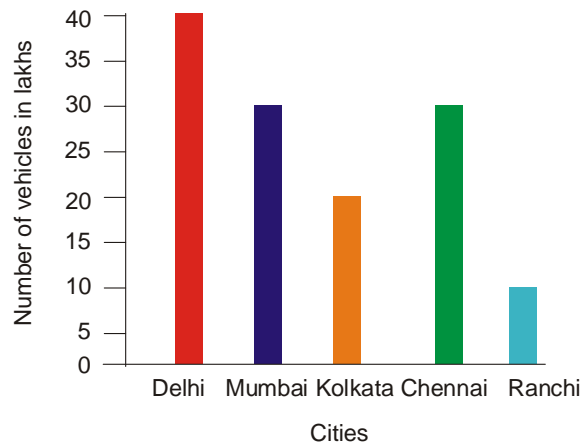

Class 7

SAMPLE QUESTIONS MATHEMATICS

Q1. Which figure represent $2 \times \frac{1}{6}$

- (A)  (B) 
- (C)  (D) None of Above

Q2. Look at the following bar graph:



The sum of vehicles in which two cities is equal to the number of vehicles in Delhi?

- (A) Mumbai and Kolkata (B) Kolkata and Chennai
(C) Chennai and Ranchi (D) None of the above

Q5. Read the following statement and write the inference:

	Statement	Inference
1.	$4 \times (-3) = -12$?
2.	$-3x - 4y - 5$ $y - 6 = 36$?

- (A) 1. Product is a positive integer.
2. Product is a negative integer.
- (B) 1. Product is a negative integer.
2. Product is a positive integer.
- (C) Both A and B (D) None of the above

SAMPLE QUESTIONS SCIENCE

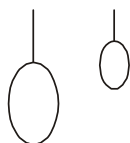
Q1. In the following figure structure of one molecule of water has been shown:



What information does the above given figure give?

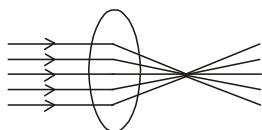
- (A) Molecule of water consists of two elements Hydrogen and oxygen.
- (B) One molecule of water consists two atoms of hydrogen and one atom of oxygen.
- (C) One molecule of water contain two atoms of oxygen and one atom of hydrogen.
- (D) Both A and B

Q2. Peter got a balloon, filled it with air in his room. Next day, he noticed the size of balloon has reduced. This observation shows:



- (A) Air expands on cooling. (B) Air shrinks on cooling
(C) Air is not a matter (D) All of the above

Q3. What does the following figure show?

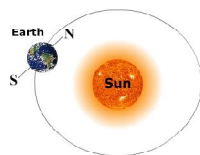


- (A) When parallel beam of light passes through a convex lens, they are converged at the focus.
(B) When Parallel beam of light passes through a concave lens, they are converged at the focus.
(C) When parallel beam of light passes through a convex lens, they split into seven colours.
(D) All of the above

Q4. Certain human activities are altering the nitrogen cycle. The use of nitrogen-rich fertilizers causes nutrient loading in waterways as nitrates. These nitrates get washed into streams and ponds. Which of the following will occur when increased level of nitrogen is available as nitrates to plants?

- (A) Plants will grow rapidly.
(B) Number of herbivores will increase.
(C) Plant will grow slowly. (D) Both A and B

Q5. Different seasons occur on the earth due to the revolution of the earth around the sun. Which one of the following statement is correct about the following figure?



- (A) Area around equator will be extremely cold.
(B) Southern hemisphere will have the longest days.

- (C) Northern hemisphere will have longest days and Sun rays strike southern hemisphere at lower angle.
- (D) Sun rays strike northern hemisphere at lower angle.

SAMPLE QUESTIONS MENTAL ABILITY

Q1. If the length of the sides of a square are doubled, then the area of the square would be multiplied by?

- (A) 1
- (B) 2
- (C) 4
- (D) 8

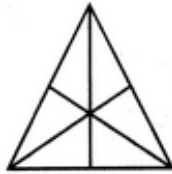
Q2. For what value of x will x and 12 have the same mean (average) as 4 and 30?

- (A) 4
- (B) 48
- (C) 22
- (D) 12

Q3. Which of the following is/are true for all real numbers x, y and z?

- (I) $x(y + z) = xy + xz$
- (II) $x + y + z = z + y + x$
- (III) $x - y - z = z - y - x$
- (A) I only
- (B) II only
- (C) I and II only
- (D) I, II and III

Q4. Find the number of triangles in the following figure:



- (A) 16
- (B) 13
- (C) 9
- (D) 7

Q5. The sum of any two-digit number and the number formed by interchanging the digits of that number is always a multiple of:

- (A) 7
- (B) 9
- (C) 11
- (D) 13

SAMPLE QUESTIONS ENGLISH

Q1. Fill in the blanks with gerund or infinitive.

1. The teacher often makes him _____(stand).
 2. You need not _____(do) it.
 3. _____(hear) the noise he came out of his house.
 4. _____(swim) is a good exercise.
- (A) 1- to stand, 2 - to do, 3- hearing, 4 : swimming
 (B) 1- standing, 2 - do, 3- hearing, 4 : swimming
 (C) 1- stand, 2 - do, 3- hearing, 4 : swimming
 (D) 1- stand, 2 - do, 3- hearing, 4 : to swim

Q2 Fill in the blanks with suitable articles.

Subhas Chandra Bose was born on January 23, 1897 in Cuttack, Orissa. His father Janaki Nath Bose was ___1___ famous lawyer and his mother Prabhavati Devi was ___2___ pious and religious lady. Subhas Chandra Bose was _____3_____ - ninth child among fourteen siblings. He was _____4_____ freedom fighter.

- (A) 1- a, 2- a, 3- the, 4- an
 (B) 1. the, 2. the, 3. the, 4. an
 (C) 1- a, 2- a, 3- the, 4- a (D) 1- a, 2- a, 3- a, 4- an

Q3 Fill in the blanks with correct form of verb.

The usual Islamist suspects _____1_____ out for inspection. Since some of these “suspects” are truly suspect, they could well include the criminal mind or minds behind the twin car-bomb explosions at the American embassies in Nairobi and Dar es Salaam which on August 7th _____2_____ more than 200 people, including 12 Americans. But for the moment-which could turn out to be quite a long moment, as the United States _____3_____ on arduous investigations-their identity, arrests in Tanzania and sightings in Kenya notwithstanding, _____4_____ -speculation only.

- (A) 1-are being laid, 2-killed, 3-embarked, 4- is
 (B) 1-are being laid, 2-was killed, 3-embarks, 4- is

- (C) 1-is being laid, 2-killed, 3-embarks, 4- is
(D) 1-are being laid, 2-killed, 3-embarks, 4- is

Q4. Find the words which have been misspell.

Plants are very useful to humans. We eat many different types of plants. Some products are made from plants such as shampoos, rubber, paper and camera film. In some countries, fermented sugar cane is used instead of gasoline.

- (A) 1- different, 2-shampoos, 3-fermented, 4-gasoline
(B) 1- different, 2-shampoos, 3-fermented, 4-instead
(C) 1- different, 2-rubber, 3-fermented, 4-instead
(D) All of these

Q5. In the following question there is an error in one part. Find that part.

- (a) It is generally seen that passengers
(b) have to face problems when
(c) they do not have the change
(d) to give the reservation clerk for getting the tickets.
(A) A (B) B
(C) C (D) D

SAMPLE QUESTIONS GENERAL KNOWLEDGE

Q1. Anna Hazare and his team along with his followers running campaign for which one of the following bills to be passed by the Parliament?

- (A) Women empowerment bill (B) Lokpal bill
(C) RTE bill (D) None of the above

Q2. Name the renowned social activist who has formed Aam Aadmi Party along with his supporters.

- (A) Anna Hazare (B) Medha Patkar
(C) Arvind Kejriwal (D) None of the above

Q3. Which one of the following alliances is running the government at the centre?

- (A) UPA (B) NDA
(C) Third Front (D) Left Front

Q4. Which one of the following is the desert of India?

- (A) Sahara Desert (B) Thar Desert
(C) Gobi Desert (D) None of the above

Q5. Which one of the following latest version of Windows was launched by Microsoft recently?

- (A) Windows 7 (B) Windows-8
(C) Windows-9 (D) None of the above

Class 7 Math Answers

1. Ans A 2. Ans C 3. Ans C 4. Ans A 5. Ans B

Class 7 Science Answers

1. Ans D 2. Ans B 3. Ans A 4. Ans D 5. Ans C

Class 7 Mental Ability Answers

1. Ans C 2. Ans C 3. Ans C 4. Ans A 5. Ans C

Class 7 English Answer

1. Ans A 2. Ans C 3. Ans D 4. Ans B 5. Ans D

Class 7 General Knowledge Answer

1. Ans B 2. Ans C 3. Ans A 4. Ans B 5. Ans B