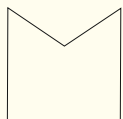


### MATHS

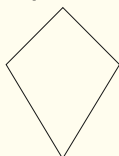
Q.1 A rational number can be represented in the form of \_\_\_\_\_. Where a and b are integers and b is not equal to the 0.

- (a)  $ab$  (b)  $a+b$  (c)  $a-b$  (d)  $a/b$

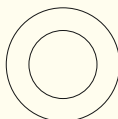
Q.2 There are total \_\_\_\_\_ simple curve shapes.



(1)



(2)



(3)



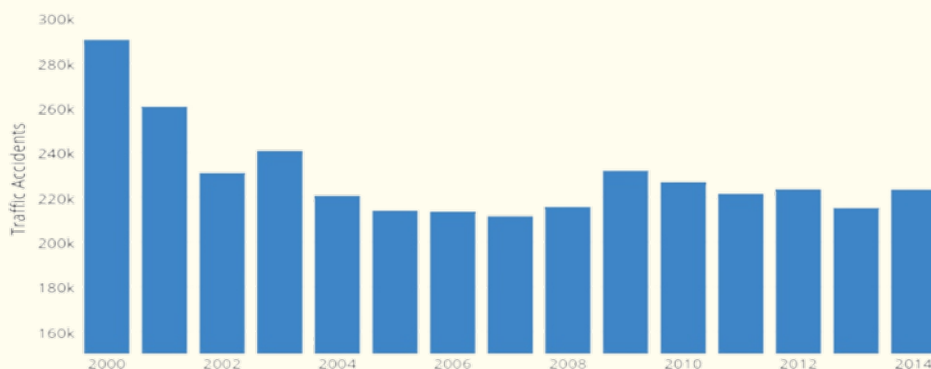
(4)

- (a) 1 (b) 2 (c) 3 (d) 4

Q.3 Which of the following property holds good for subtraction of whole numbers

- (a) Closure Property (b) Commutative Property  
(c) Associative Property (d) Property of Zero

Q.4 The bar graph shows the traffic accidents of a particular country from year 2000 to 2014. Find the total number of accidents between the year 2001 and 2004.



- (a) 180000 (b) 280000 (c) 380000 (d) 480000

Q.5  $17 + |-5|$  is equal to

- (a) 12 (b) -22 (c) 22 (d) -12

Q.6 Which of the following is true?

(i) A sector is the region in the interior of a circle enclosed by an arc on one side and their intercepted arc

(ii) A segment of a circle, is region in the exterior of the circle enclosed by an arc and a chord

- (a) (i) & (ii) (b) only(i) (c) only(ii) (d) Neither (i) nor (ii)

### SCIENCE

Q.1 Which of the following food items is not rich in iron?

- (a) Red meat                      (b) Shell fish                      (c) Milk                      (d) Spinach

Q.2 Consider the following statements and choose the incorrect one:

- (a) Carbondioxide gas is not essential for breathing or respiration  
(b) The living organism on land take the oxygen required for breathing from the air around them.  
(c) The aquatic organisms take the oxygen required for breathing from the air dissolved in water.  
(d) Oxygen is not necessary for the purpose of burning or combustion of fuels.

Q.3 Riya is writing some statements, choose the incorrect statement and help him:

- (a) An electric cell is a device which produces electrical current.  
(b) The electric cell which we used in torch, etc., is commonly known as “dry cell”.  
(c) The electric cell produces electricity from the chemicals stored inside it.  
(d) Electrical cell produces enegry using hydrogen gas

Q.4 Which of the following is an example of periodic motion

- (a) Motion of car along a straight path                      (b) Motion of pendulum  
(c) Motion of a fan                      (d) All of above

Q.5 \_\_\_\_\_ separates milk and cheese from one another.

- (a) Sedimentation                      (b) Decantation                      (c) Filtration                      (d) Evaporation

Q.6 Mohini wants to mix some sugar in the water to make lemonade. Which of the following will help her to mix sugar in water rapidly.

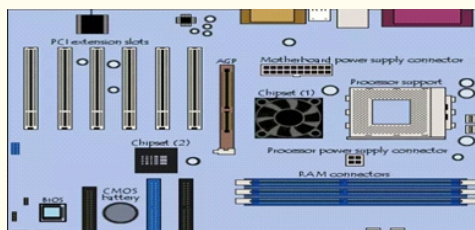
- (a) she should use crystal sugar  
(b) she should use warm water  
(c) she should use chilled water  
(d) she should use filter water

### SOCIAL STUDIES

- Q.1 On which day direct sun rays falls on tropic of cancer on
- (a) 21 March (b) 22 December  
(c) 21 June (d) 22 July
- Q.2 Rohan's teacher has put many maps together, which term will describe it better ?
- (a) Map (b) Globe  
(c) Sketch (d) Atlas
- Q.3 Chandrapur in Maharashtra (India) is located on parallels of about which latitude?
- (a) 10 degrees North (b) 20 degrees North  
(c) 10 degrees South (d) 20 degrees South
- Q.4 Dr. Bhimrao Ambedkar went to \_\_\_\_\_ to become a lawyer.
- (a) Maharashtra (b) Germany  
(c) London (d) America
- Q.5 A \_\_\_\_\_ refers to the rule by a king or queen.
- (a) Monarchy (b) Mahants  
(c) leaders (d) President
- Q.6 The word 'planet' has been derived from the word 'planetai' which is named as
- (a) Latin word (b) German word  
(c) Greek word (d) English word

### COMPUTER SCIENCE

- Q.1 \_\_\_\_\_ are the fastest computers in the world.
- (a) Super Computer (b) Mini Computer  
(c) Micro Computer (d) All of above
- Q.2 Identify the following



- (a) Printer (b) Mother board (c) Hard disc (d) Ram