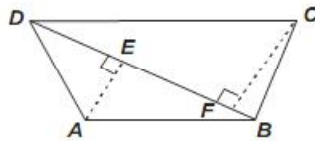


Class 8

SAMPLE QUESTIONS MATHEMATICS

- Q1.** Total area of a quadrilateral ABCD is 20 cm^2 and offsets of BD are 2 cm and 3 cm. The length of BD is:

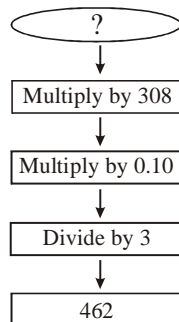


- (A) 8 cm (B) 10 cm
(C) 6 cm (D) 4 cm

- Q2.** On the very first day 845 people visited the trade fair. On second day the number reduced to 169. What percentage of people reduced on the second day than the first day?

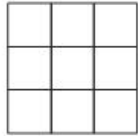
- (A) 80 % (B) 75 %
(C) 70 % (D) 65 %

- Q3.** What is the number you started with?



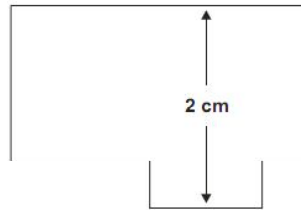
- (A) 35 (B) 45
(C) 39 (D) 42

Q4. The maximum number of square in the following square is:



- (A) 10 (B) 12
(C) 14 (D) 16

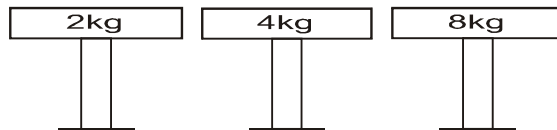
Q5. Mr. Ram made a scale drawing of his drawing room taking 0.5 cm = 300 cm. The width of the scale drawing of the drawing room is 2 cm. What is the actual width, in meters of his drawing room?



- (A) 6 m (B) 8 m
(C) 10 m (D) 12 m

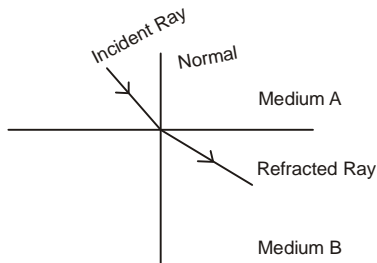
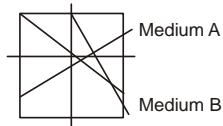
S A M P L E Q U E S T I O N S S C I E N C E

Q1. In which one of the following pressure applied to the ground will be maximum?



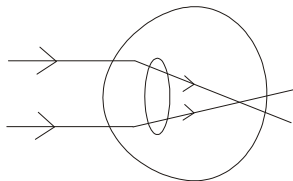
- (A) A (B) B
(C) C (D) All of the above

Q2. Look at the following figure and chose the correct statement.



- (A) Medium A is optically denser than medium B
- (B) Medium B is optically denser than medium A
- (C) Optical density of both medium are equal
- (D) All of these

Q3. Look at the following figure carefully and find what kind of defect of eye does this figure show?



- (A) Myopia
- (B) Hypermetropia
- (C) Cataract
- (D) All of these

Q4. The following graphic shows an asteroid colliding with the earth. What would be the result of this collision?



- (A) The atmosphere will be filled with dust particles that will settle down within few days.
- (B) Total energy available on the earth will reduce and This collision can cause mass extinction of some species.
- (C) Ultra violet rays from the sun will reach the surface of the earth.
- (D) None of the above

Q5. Scientists have found rocks containing pieces of shells and fossils from marine organisms. Which one of the following is the best explanation for this?

- (A) Floods, caused by cyclones, carry marine organisms from the ocean onto land where their skeletons are left to fossilize and become rock.
- (B) The area where rock was found was once under water and, as organisms died, they settled to the bottom to create layers of limestone rock from their skeletal remains.
- (C) Animals, such as ocean birds and mammals, fed off of the marine organisms, depositing their skeletal remains on land to fossilize and become rock.
- (D) The rocks are formed in the ocean and are carried by slow moving rivers and streams to be deposited on land.

SAMPLE QUESTIONS MENTAL ABILITY

Q1. A and B are the digits of a two-digit number. $A > B$; A and B differ by x . When this two-digit number is divided by the sum of its digits, the quotient is 7 and the remainder is x . What is the value of x ?

- (A) 1
- (B) 3
- (C) 5
- (D) 2

Q2. If $3^x + 4^y = 283$ where x and y are natural numbers then find the product of x and y .

- (A) 6
- (B) 8
- (C) 12
- (D) 16

Q3. If $a + b = 3$, $b + c = 4$, $c + a = 5$ then find the value of $a + b + c$?

- (A) 5
- (B) 6
- (C) 7
- (D) 8

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



- (A) 5 (B) 6
(C) 8 (D) 10

Q5. A giant clock in my town counts down the days to the start of Cricket World Cup 2010. On June 11, when the tournament starts, it will show 0 days left. How many days does it show today, March 17?

- (A) 86 (B) 78
(C) 82 (D) 75

SAMPLE QUESTIONS ENGLISH

Q1. Fill in the blanks with suitable preposition.

There is currently no cure _____1_____ asthma, and no single exact cause has been identified. Therefore, understanding the changes that occur _____2_____ asthma, how it makes you feel, and how it can behave _____3_____ time is essential. This knowledge can empower people _____4_____ asthma to take an active role in their own health.

- (A) 1- for, 2- in, 3- over, 4-with
(B) 1- to, 2- in, 3- over, 4-with
(C) 1- for, 2- at, 3- over, 4-with
(D) 1- for, 2- in, 3- on, 4-with

Q2. Fill in the blanks with suitable conjunction.

A man was suffering terribly because of stomach pain. He could not go to the doctor _____1_____ there was no one to take him to the hospital. He could be well _____2_____ he

had got timely treatment. Unfortunately he had died
_____3_____ the doctor came. _____4_____ the
doctor reached there he had already taken his last breath.

- (A) 1- as, 2- if, 3- after, 4- when
- (B) 1- as, 2- if, 3- before, 4- when
- (C) 1- as, 2- as, 3- before, 4- when
- (D) All of the above

Q3. Write one word for the following:

- 1. **One who eats too much.**
- 2. **That which cannot be satisfied.**
- 3. **One who is a newcomer.**
- 4. **A study of races.**

- (A) 1-glutton, 2-satiable, 3-neophyte, 4- ethnology
- (B) 1-glutton, 2-insatiable, 3-geophyte, 4- ethnology
- (C) 1-glutton, 2-insatiable, 3-neophyte, 4- ethnology
- (D) 1-glutton, 2-insatiable, 3-neophyte, 4- etimonology

Q4. In the following question 1st and 6th part of the sentence is in order, arrange PQRS to make a meaningful sentence.

- 1. **The people of India**
- P. **Towards the feelings of the others and**
- Q. **To show such feelings**
- R. **are very emotional and sensitive**
- S. **They leave no stone unturned**
- 6. **Whenever they get opportunity.**

- (A) RSPQ
- (B) PRSQ
- (C) RPSQ
- (D) SRPQ

Q5. Read the following dialogue and fill in the blanks with correct option based on reported speech.

Steve: Will you do me a favour?

James: Yes, please tell me what's the matter.

Steve: I am writing an essay and running out of ideas. Can you help me to write it?

James: Yes sure, Right now I am not free. So please come to my place in the evening.

Steve: Thanks.

Steve asked James _____ I _____ . James replied

positively that he would and requested _____ **II** _____.
Steve told that he _____ **III** _____ and running out of
ideas. He asked him if he could help him. On this James replied
positively and assured him to do so. He said
_____ **IV** _____ at that time and
_____ **V** _____ in the evening.

- (A) 1- if he would do him a favour, 2- to tell him what was the matter, 3- was writing an essay 4-he was not free, 5- requested him to come to his place in the evening.
- (B) 1- if he will do him a favour, 2- to tell him what was the matter, 3- was writing an essay 4-he was not free, 5- requested him to come to his place in the evening.
- (C) 1- if he would do him a favour, 2- tell him what was the matter, 3- was writing an essay 4-he was not free, 5- requested him to come to his place in the evening.
- (D) All of the above

SAMPLE QUESTIONS GENEREL KNOWLEDGE

Q1. From which one of the following countries the current Secretary General of the UN belongs to?

- (A) India (B) America
(C) Russia (D) South Korea

Q2. Which one of the following options has all the members of the SAARC?

- (A) Bhutan, Bangladesh, the Maldives, Nepal, India, Pakistan, Afghanistan and Sri Lanka
(B) Bhutan, Bangladesh, the Maldives, Nepal, India, Pakistan, Afghanistan and China
(C) Bhutan, Bangladesh, Iran, Nepal, India, Pakistan, Afghanistan and Sri Lanka
(D) None of the above

Q3. Which one of the following is the largest state of India as per population?

- (A) Uttar Pradesh (B) Madhya Pradesh
(C) Rajasthan (D) Maharashtra

Q4. Which one of the following is the world's fastest growing economy?

- (A) India (B) China
(C) America (D) Russia

Q5. Which one of the following films has won the Best Popular Film Providing Wholesome Entertainment in 60th National Film Award in the year 2013?

- (A) Vicky Donor (B) Paan Singh Tomar
(C) Eak Tha Tiger (D) None of the above

Class 8 Math Answers

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

Class 8 Science Answers

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

Class 8 Mental Ability Answers

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

Class 8 English Answer

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

Class 8 General Knowledge Answer

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