

# SAMPLE QUESTIONS MATHEMATICS



In the above given figure a square is divided into four rectangles. The perimetre of each rectangle is 30 cm and breadth of each rectangle is 3 cm. Then find the perimetre of square?

(A)	44 Cm	(B)	48 cm
(c)	36 Cm	(D)	None of the above

Q2. The following figure shows the grades obtained by students in class 5:



What do you conclude from the above given figure?

- (A) The no. of brilliant students is more.
- (B The no. of brilliant students is equal to average students.

- (C) The no. of above average students in the class is greater.
- (D) None of the above

## Q3. Look at the following table:

Number	Factors
12	1,2,3,4,5,6,12
16	1,2,4,8,1
22	1,2,11,22
30	1,2,3,5,6,10,15,30

### Which two digits have maximum common factors?

(A)	12 and 16	(B)	16 and 22
(C)	22 and 30	(D)	12 and 30

## **Q4.** Identify the type of triangle:



# SAMPLE QUESTIONS SCIENCE

## Q1. Classify the following figure as Rabi and Kharif crops:



Wheat crop

Gram crop



Rice crop





Bajra crop

- (A) Rabi crops- Rice and Bajra. Kharif crops-Wheat and Gram
- (B) Rabi crops- Rice and Gram. Kharif crops-Wheat and Bajra
- (C) Rabi crops- Rice and Wheat. Kharif crops-Bajra and Gram
- (D) None of the above

## Q2. Which option has correct order of steps for breathing in humans?



- (A) 1- Air is taken through nose, 2- It goes to the heart through wind pipe, 3 Finally it goes to lungs
- (B) 1- Air is taken through nose, 2- It goes to the lung through wind pipe, 3 Carbon di-oxide comes through nose
- (C) 1- Air is taken through nose, 2- It goes to the heart through wind pipe, 3 Carbon di-oxide comes through nose
- (D) None of the above
- Q3. Rajiv has problem in turning his head. He feels pain while turning his neck and is unable to do so. He has some problem in

(A)

### joints. In which one of the following joints he has problem?

- Hinge joint (B) Gliding joint
- (C) Both A and B (D) Pivot joint
- Q4. Look at the following figure:



### What do you conclude from it?

- (A) The above given figure shows the moon completely hides the solar surface or photosphere and thereby cuts off all direct rays of sunlight from the observer
- (B) The above given figure shows the earth completely hides the solar surface or photosphere and thereby cuts off all direct rays of sunlight from the observer
- (C) The above given figure shows the sun completely hides the solar surface or photosphere and thereby cuts off all direct rays of sunlight from the observer
- (D) None of the above
- Q5. During a fire accident a small boy's clothes caught fire. A man went inside with a cotton shawl and covered his body but it was of no use as the fire did not stop. What would have he done to save him?



- (A) He would have covered his body with a woolen clothe.
- (B) He would have covered his body with a polyester clothe.
- (C) He would have covered his body with a blanket.
- (D) None of the above

International Talent Hunt Examination

SAMPLE QUESTIONS MENTAL ABILITY

Q1. Distance between A to C and A to E are 36 km and 68 km respectively. Distance between A to B is twice the sum of distances between A to C and A to E. Find the distance between A to B?

(A)	218 km	(B)	208 km
(C)	228 km	(D)	108 km

Q2. Steve has 15 stamps of India and 10 stamps of the USA. The value of Indian stamp is one third the value of the USA stamp. If the value of 15 Indian stamps is Rs. 75 then find the value of the 10 USA stamps?

(A)	Rs. 100	(B)	Rs. 150
(C)	Rs. 175	(D)	Rs. 200

Q3. If # = 4, @ = 6 and \$ = 8 then find the value of  $4 \times \# + @ -4 + \$$ ?

(A)	22	(B)	24
(C)	26	(D)	28

Q4. How many chords are there in the following figure?



Q5. Complete the following number series:



**Diligent Publications** 

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# SAMPLE QUESTIONS ENGLISH

Q1. Identify the kind of tense:

- 1. Daniel will choose a baseball bat.
- 2. He steps up to the plate.
- **3.** The pitcher tossed the ball.
- (A) 1- Simple Future. 2- Present continuous. 3- Simple Past.
- (B) 1- Future Continuous. 2- Simple Present. 3- Simple Past.
- (C) 1- Simple Future. 2- Simple Present. 3- Simple Past.
- (D) All of the above

## Q2. Identify the type of sentence.

- 1. You go to market more often.
- 2. Does he read a book?
- 3. Sit down.
- (A) 1- statement, 2- question, 3- imperative
- (B) 1- exclamation, 2- question, 3- imperative
- (C) 1- statement, 2- question, 3- statement
- (D) All of the above

## Q3. Which sentence(s) is/are grammatically correct?

- 1. You wake up at 7 AM today.
- 2. Raju goes to Mumbai tomorrow.
- **3.** He will attend a party.
- (A) 1 only (B) 2 only
- (C) 3 only (D) All of the above

## Q4. Identify the kind of noun.

- 1. CHILDHOOD
- 2. SWARM
- 3. TEACHER
- (A) 1. abstract noun, 2. abstract noun, 3. common noun
- (B) 1. common noun, 2. collective noun, 3. common noun
- (C) 1. abstract noun, 2. collective noun, 3. common noun
- (D) All of the above

- Q5. Change the degree of the following:
  - 1. **SMALL**
  - 2. HANDSOME
  - 3. EASY
  - 1. small, smaller, smallest, 2. handsome, more handsome, (A) most handsome, 3. easy, more easy, most easy
  - 1. small, more small, most small, 2. handsome, more (B) handsome, most handsome, 3. easy, easier, easiest
  - (C) 1. small, smaller, smallest, 2. handsome, handsomer, handsomest, 3. easy, easier, easiest
  - 1. small, smaller, smallest, 2. handsome, more handsome, (D) most handsome, 3. easy, easier, easiest

### SAMPLE QUESTIONS GENERAL KNOWLEDGE

Q1.	Squa	Squadron leader was India's first					to go	o in	to
	space	e.							
	(A)	Rakesh Sharma	(B	)	Sushil Sh	arma	L		

(C) Vikas Sharma None of these (D)

## Q2. How many medals did India win in 2012 London Olympics?

(A)	4 medals	(B)	5 medals
(C)	6 medals	(D)	None of the above

### Q3. Which of the following company/companies is/are the mobile telephone service provider in India?

- (A) Air-tell (B) Vodafone Idea
- All of the above (C) (D)

#### Q4. Who formed INA to fight with the Britishers?

- (A) Sardar Vallabhbhai Patel (B) Mahatma Gandhi
- Subhash Chandra Bose (C) (D) Bhagat Singh

### Q5. Which film won 60th National Film Award in the year 2013?

- (A) Eak tha tiger
- (B) Son of Sardar
- Paan Singh Tomar None of the above (C) (D)

Class 5 Math Answers									
1.	Ans B	2.	Ans C	3.	Ans D	4.	Ans A	5.	Ans C
			Clas	s 5 Scie	ence Ans	wers			
1.	Ans A	2.	Ans B	3.	Ans D	4.	Ans A	5.	Ans C
			Class 5	Mental	Ability A	Answ	ers		
1.	Ans B	2.	Ans B	3	Ans C	4.	Ans A	5.	Ans B
			Cla	ss 5 En	glish Ans	wer			
1.	Ans C	2.	Ans A	3.	Ans C	4.	Ans C	5.	Ans D
<b>Class 5 General Knowledge Answer</b>									
1.	Ans A	2.	Ans C	3.	Ans D	4.	Ans C	5.	Ans C