

SUBMITTED **SAMPLE** QUESTIONS



Competition dates: 5<sup>th</sup> September - 25<sup>th</sup> October, 2008



Better learning through good questions

Maths - Class 8

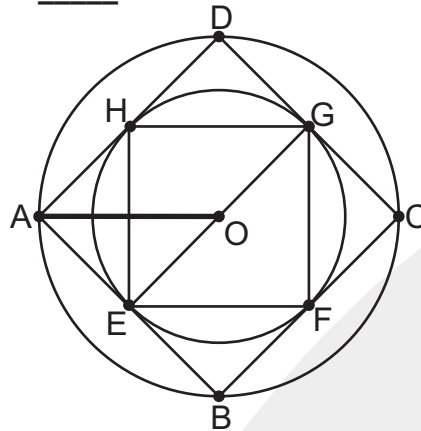
- 1 There are 13 consecutive integers. The average of the first 7 integers is 'x'. What is the average of all the 13 integers
- A. x
  - B.  $x+3$
  - C.  $x+4$
  - D.  $x+\frac{5}{4}$

Correct Option: B

Maths - Class 9

- 2 A square ABCD is inscribed in a circle, of radius 5cm. Another circle inscribed in ABCD and a square EFGH is inscribed in this circle.

The side of the EF is equal to \_\_\_\_\_



- A. 5cm
- B.  $5\sqrt{2}$  cm
- C.  $\frac{5}{\sqrt{2}}$  cm
- D.  $\frac{5}{2}$  cm

Correct Option: A

Maths - Class 9

- 3 From a point P(3,4) line drawn parallel to Y-axis and a point Q(1,-7) line drawn parallel to X-axis. If they intersect at R, then the co-ordinate of R is \_\_\_\_\_

- A. (3,7)
- B. (3,-7)
- C. (1,-4)
- D. (-1,4)

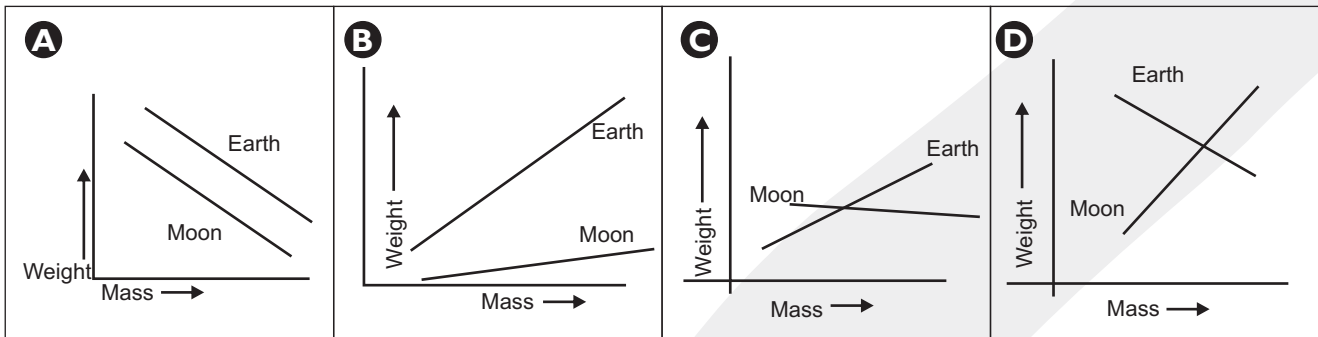
Correct Option: B

4 Radhika has fever. She tries to measure the temperature by thermometer. Her temperature is read differently by different people. Select the option which reads the correct temperature of thermometer.

- A. Her brother reads it as  $98^{\circ}\text{C}$ .
- B. Her sister reads it as  $96^{\circ}\text{F}$ .
- C. Her mother reads it as  $98.9^{\circ}\text{F}$ .
- D. Her maid reads it as  $0^{\circ}\text{F}$ .

**Correct Option: C**

5. The following graphs(not to scale) show the relationship between Mass and Weight on the Earth and the Moon. Which of the following best represents the relationship?



**Correct Option: B**

6. A man walks 10m towards north, turns towards south and walks for 10m. He then turns  $360^{\circ}$  and walks forward by 10m. If he completes this journey in 10mins, the average velocity is

- A. 1m per minute towards north.
- B. 10m per minute towards south.
- C. 3m per minute towards north.
- D. 30m per minute towards south.

**Correct Option: A**

## English - Class 8

Read the passage and answer the questions that follow :

Over a hundred men , who were at work in Shillong's Government printing press , were caught in the building when it collapsed , and though the men of a gurkha regiment did splendid rescue work , only a few men were brought out alive .

One of those killed in Shillong was Mr. McCabe. Grandfather described the ruins of Mr. McCabe's house : ' Here a bedpost , there a sword , a broken desk or chair , a bit of torn carpet , a well known hat with its Indian Civil Service colours, battered books , all speaking reminiscences of the man we mourn .'

(Ruskin Bond)

7. What was Mr . McCabe's occupation ?

- A. Carpenter
- B. Soldier
- C. Government Officer
- D. Author

Correct Option: C

## English - Class 7

8. This is a clandestine operation. It is extremely important that no one discovers what you're doing! A clandestine operation is supposed to be \_\_\_\_\_.

- A. dangerous
- B. harmful
- C. exciting
- D. secret

Correct Option: D

## English - Class 3

9. Which of the following pairs of words has the same sound?

- A. horse-worse
- B. hear - bear
- C. heard- curd
- D. lost - post

Correct Option: C

## Social Studies - Class 7

10. A child is born to Indian parents, Mr. and Mrs. Nair in Aizawl. Mr. and Mrs. Nair do not permanently reside in Aizawl as they are natives of Kerala. Which of the following statements is correct?

- A. The child will not be granted Indian citizenship as it is not born in India.
- B. The child will not be granted Indian citizenship as the parents are not permanent residents of Aizawl.
- C. The child will be granted Indian citizenship only because its parents are Indian.
- D. The child will be granted Indian citizenship as it is born in India.

Correct Option: D