



ACADEMIA
Sample Question

Class - VIII

Time: 1 hour.

Total marks: 60

Name: _____ Mobile: _____ Date: _____

English: 20 marks

1. Write a Noun that is made from each of the following verbs: (0.5×10=5 marks)

- a) To encourage - _____
- b) To act - _____
- c) To satisfy - _____
- d) To free - _____
- e) To donate - _____
- f) To discover - _____
- g) To Predict - _____
- h) To achieve - _____
- i) To retaliate - _____
- j) To quote - _____

2. Complete each of the following sentence by using the correct form of the word given in brackets:-

(0.5×5=2.5 marks)

- a) The dingo was a _____ (ferocity) animal.
- b) An _____ (assistance) helped him along the corridor.
- c) The _____ (different) between the products are here.
- d) The teacher could see that the boy was suffering from complete _____ (exhausted)
- e) The German soldier showed his _____ (disgusted)

3. Underline the correct form of verbs in these sentences: -

(0.5×10=5 marks)

- a) My aunt (cares/is caring) for me like her own daughter.
- b) While my mother (watched/was watching) television, my father (read/was reading) a newspaper.
- c) While I (was driving/drove), I suddenly received a telephone call.
- d) I (watched/was watching) television, when someone (knocked/was knocking) at the door.
- e) Tis sum (seems/is seeming) very easy, but it is not so.
- f) The team (played/was playing) very well when sudden rain (is stopping/stopped) the play.
- g) My friend cooked the vegetable while I (made/is making) sandwich.

4. Change the following verbs into present participles:-

(0.25×10=2.5 marks)

- a) Contain-containing
- b) Expel - _____
- c) Submit - _____
- d) Receive- _____
- e) Rob - _____

- f) Forget - _____
- g) Knit - _____
- h) Freeze - _____
- i) Refer- _____
- j) Compel - _____
- k) Occur - _____

5. The following piece of writing is full of uninteresting words such as ‘got’, ‘nice’ etc. Rewrite the passage, replacing the underlined words with words that will interest the reader and give a clearer picture of what is being written about. (5 marks)

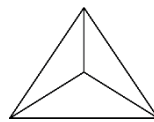
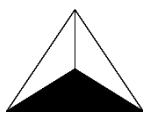
It was a nice day and we decided to paint for the front door, and we got some nice blue paint for around the windows.

We got started quite early and I had done the front door when our neighbor walked past. “That’s a pretty color”, she said.

Doing the window frames was a bit boring and I soon got fed up. I thought I would go and get a nice cup of tea and a nice biscuit. “Does anyone want any tea?” I said as I went into the house. No one said anything so I got tea for myself and had a nice rest.

Mathematics: 20 marks

1. Shade the third shape with the concept of rotation.



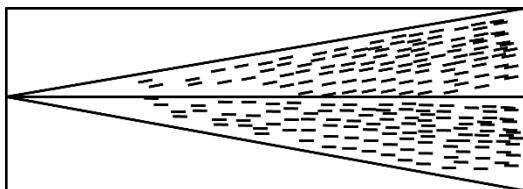
2. A reflex angle is:

- a) More than 90°
- b) Less than 180°
- c) Less than 360° but more than 180°.

3. How many sides are there in an Octagon?

- a) 6 sides
- b) 7 sides
- c) 8 sides

4. What fraction of the shape is shaded?



Ans :

5. Write down the missing number in the box.

× 7 + 1 = 50

6. The 2nd day is Saturday. What day is the 9th day?

Ans:

7. What is the angle between South-West and East?

Ans:

8. How many Prime number between 30 and 40?

Ans:

9. How many minutes are there between 7.44 pm and 9.10 pm?

Ans:

10. Write down the value of $(a+b)^3$, if $a = 2$ & $b = -5$

Ans:

11. If the perimeter of a square is 36 cm find the length of each side.

Ans:

12. Find the missing number.

4, 9, 16, 25,,

13. Complete the sequence:

1 Table
6 Chairs



2 Tables
8 Chairs



3 Tables
10 Chairs



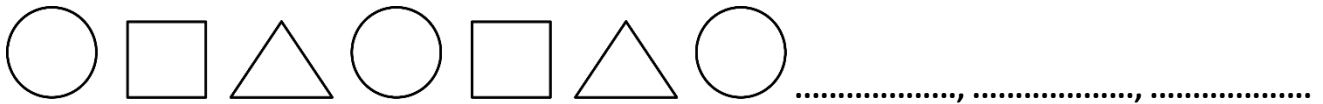
4 Tables
_____ Chairs

5 Tables
_____ Chairs

14. Write down the next three letters in the sequence.

A, Z, B, Y, C,

15. Write down the next three shapes in the pattern below:



16. If n is an odd integer, which one of the following is an even integer?

- a) n^3
- b) $n/4$
- c) $2n+3$
- d) $n(n+3)$
- e) \sqrt{n}

17. If X and Y are perfect squares, then which of the following is not necessarily a perfect square?

- a) x^2
- b) xy
- c) $4x$
- d) $x+y$
- e) x^5

18. Let $P = (x+y)k$, If $P=10$ and $K=3$, what is the average of x and y ?

- a) 0
- b) $\frac{1}{2}$
- c) $\frac{5}{3}$
- d) $\frac{10}{3}$
- e) $\frac{7}{2}$

19. If $XY= 12$, $YZ=20$ and $ZX=15$, then find the value of XYZ .

Ans:

20. From a bag with 80 chocolates, Ram got 20% from his uncle and from a bag with 20 chocolates, Ram got 80% from his aunt. The number of chocolates he got were:-

- a) not equal
- b) equal
- c) one less than the other
- d) one greater than the other

VIII
General quiz: 10

1. How many bones are there in a human skull?
Ans. _____
2. What is the chemical name for laughing gas?
Ans. _____
3. How many rings are there in an Olympic flag?
Ans. _____
4. Which company is owned by Bill Gates?
Ans. _____
5. Name the first woman to travel in space.
Ans. _____
6. Which planet is known as 'red planet'?
Ans. _____
7. Which is the coldest planet in the solar system?
Ans. _____
8. Who composed the national anthem of Bangladesh?
Ans. _____
9. Who is the creator of the painting 'Monalisa'?
Ans. _____
10. What is the full form of SIM?
Ans. _____

Science Quiz: 10

11. What is the largest living species of lizard?
Ans. _____
12. How many hearts does an octopus have?
Ans. _____
13. Which planet in the solar system is the hottest?
Ans. _____
14. Pulmonary refers to which part of the human body?
Ans. _____
15. Engine that is used for internet searching is called a
Ans. _____
16. What word in geology is formed from the Greek for 'mountain' and 'origin'?
Ans. _____
17. What has the chemical formula H₂O₂?
Ans. _____
18. What word in mathematics is Latin for pebble?
Ans. _____
19. What is the chemical symbol for tungsten?
Ans. _____
20. What does "WWW" stands for?
Ans. _____