

## QUESTION PAPER

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PERIODIC

CLASS	SECTION	EXAM CODE
4	A	3251111
4	B	3251121

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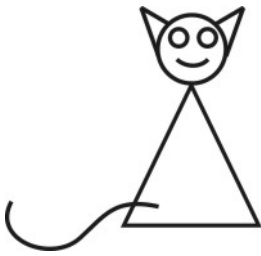
SCHOOL

HIM Academy Public School

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1. There are 15 questions in the paper. All are compulsory.
  2. Tick or circle the option which is your answer.
  3. Show your working on a separate sheet of paper wherever you need to.
  4. Please check your answers carefully before submitting the test. Once submitted, the answers CANNOT be changed.



**Q: 1** How many circles are there in the figure below?



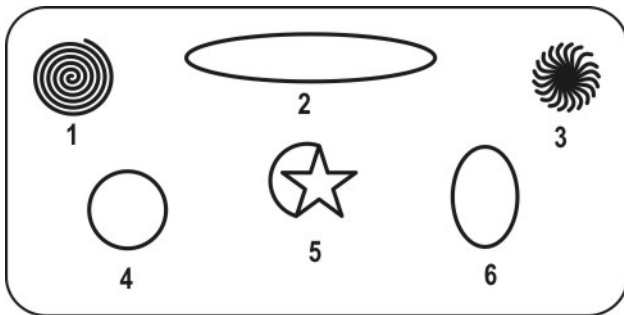
**1** 1

**2** 2

**3** 3

**4** 4

**Q: 2**



**Which shapes in the collection above are circles?**

**1** 4 only

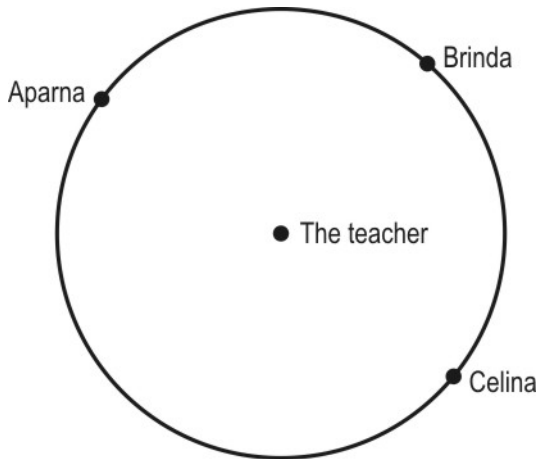
**2** 2, 4 and 6 only

**3** 1, 3, 4, 5 and 6 only

**4** All of them are circles.



**Q: 3** A teacher was playing a game with her students. She drew a circle. Three students Aparna, Brinda and Celina stood on the circle. The teacher stood at the centre of the circle.



**Which of these girls was farthest from the teacher?**

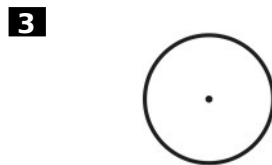
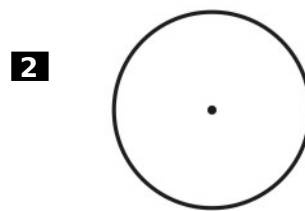
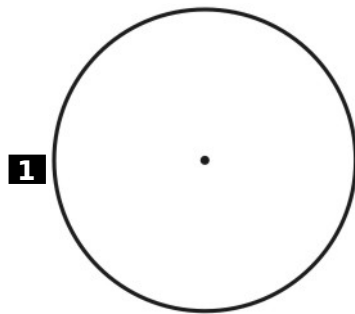
- 1** Aparna
- 2** Brinda
- 3** Celina
- 4** (All three are at the same distance from the teacher.)



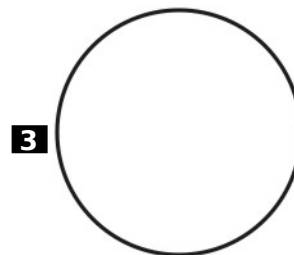
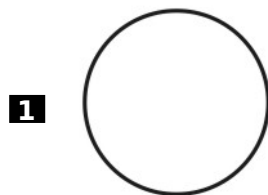
**Q: 4** A circle of radius 1 unit is shown here.



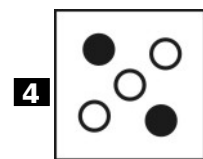
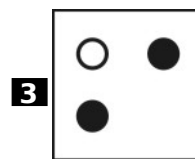
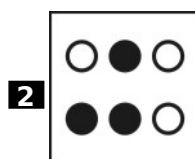
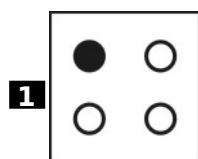
Which of these could be a circle with radius 2 units?



**Q: 5** Which of these circles has the smallest radius?

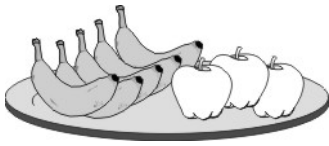


**Q: 6** In which figure are one half of the dots black?





**Q: 7** What fraction of the fruits on the plate are APPLES?



**1**  $\frac{3}{5}$

**2**  $\frac{1}{3}$

**3**  $\frac{5}{8}$

**4**  $\frac{3}{8}$

**Q: 8** In which of these figures is half the circle shaded?

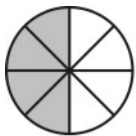


figure 1

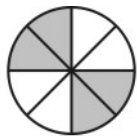


figure 2

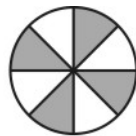


figure 3

**1** only figure 1

**3** only figures 1 and 3

**2** only figures 1 and 2

**4** all- figures 1, 2 and 3

**Q: 9** Mihir has 8 chocolates. He gave  $\frac{3}{4}$  of his chocolates to his friends. How many chocolates did Mihir give his friends?

**1** 2

**2** 3

**3** 5

**4** 6

**Q: 10**  $\frac{1}{4}$  of 36 is

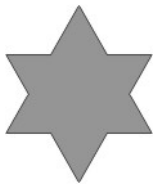
**1**  $\frac{1}{4}$

**2**  $\frac{1}{9}$

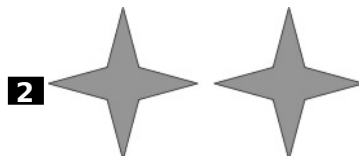
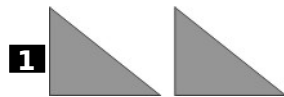
**3** 9

**4** 32

**Q: 11** Ranu had 2 pieces of paper that were exactly the same in every way. She arranged them ONE ON TOP OF ANOTHER to form a shape that looked like this:



What were the two pieces that Ranu used?

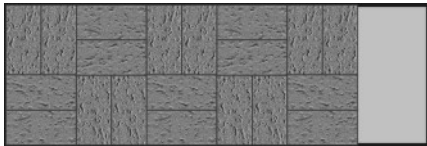




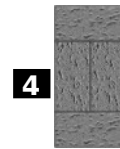
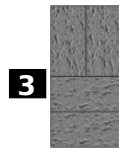
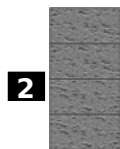
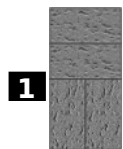
**Q: 12** Shown here is a brick.



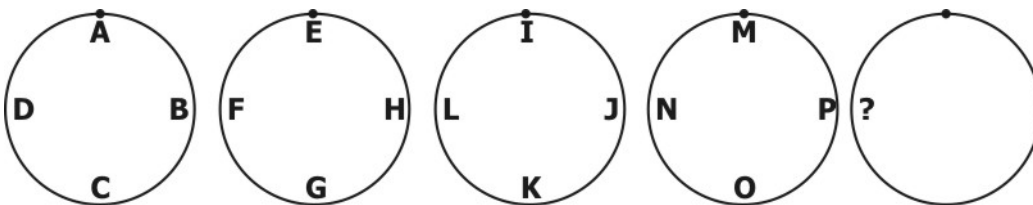
Muniya, the mason is making a footpath in the park by arranging such bricks in a particular pattern.



How should he arrange the next 4 bricks to continue the pattern?



**Q: 13** See how the letters are written in the first four wheels below:  
The letters Q, R, S and T have to be written in the next wheel to make the pattern go on.



The letter that should come in the place marked '?' in the next wheel is



**Q: 14**



Which of the following numbers will be in this pattern if it is continued?



**Q: 15** Look at the pattern below:

1Z, 3Y, 5X, 7W, 9V, \_\_\_\_\_

What will be the next term in this pattern?



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