

**ANGEL'S PUBLIC SCHOOL** 

## **SAMPLE PAPER**

PERIODIC TEST – 1 SESSION 2025 – 26			
CLASS – VI			
TIME : 1 hr. : 30 min.	SUBJECT	– MATHEMATICS	M.M = 40
<b>GENERAL INSTRUCTIO</b>	)N		
1. Choose the correct option. (Do any six)(6x1)			
(a) What is the next number in sequence 1,2,4,8,32,64,			
(i) 65 (ii)	128	(iii) 256	(iv) 46
(b) How many sides does a hexagon have ?			
(i) 7 (ii)	5	(iii) 8	(iv) 6
(c)is the both a triangular number and a square number .			
(i) 25 (ii)	36	(iii) 8	(iv) 4
(d) A line has end points	S .		
(i) no (ii)	) 1	(iii) 3	(iv) 2
(e) The window of your classroom containright angles.			
(i) 2 (ii)	3	(iii) 4	(iv) 7
(f) 1,2,3,5,8,13,21,are th	e pattern of	numbers.	( )
(i) viranhanka (ii)	triangular	(iii) cube	(iv) square
(g) Reflex angle is90.	0	<b>、</b> ,	
(i) more than (ii)	equal to	(iii) less than	(iv) in between
2. Fill in the blanks. (Do any	eight)	( ),	(8x1=8)
(a) number sequences are the most basic and the most fascinating types of patterns that			
mathematicians study.			
(b) is the point where two arms joins .			
(c) The sequence 1,7,19,37, is ofnumbers.			
(d) A determines a location .It is denoted by a capital letter.			
(e) is the shortest distance between two points.			
(f) In this figure the angle is shown.			
	<u></u>		
(g)	Pattern shown in	the figure is	
(h) Draw the next pattern.			
(-) p			
			HHHA.
		HHA	THAN
	-FTA	ATTAIL -	++++HR
E C			



(i) Name all the angles .



## 3. Solve the questions.

- (a) Draw an angle of 112 °, with the help of protractor.
- (b) Draw the letter M such that the angles on the sides are 45° each and the angle in the middle is 60°.
- (c) Write the sequence of Viranhanka numbers .
- (d) Draw and label an angle with arms ST and SR.
- (e) What will be the angle at 2 O'clock ? And at 4 O 'clock ?
- (f) Estimate the size of each angle and then measure it with a protractor.



(g) You will have noticed that 36 is both a triangular number and a square number that is 36 dots can be arranged perfectly both in a triangle and in a square ways. Make pictures in your notebook illustration this ! This show that the same number can be represented differently and play different roles depending on the contest representing some other numbers pictorially in different ways.

## 4. Solve the questions.

(4x3=12)

(7x2=14)

- (a) Can you think of other examples where Mathematics helps us in our everyday lives?
- (b) Make a few acute, right, obtuse and straight angle. Draw them in different orientation s.
- (c) Draw a rough figure and write labels approximately to illustrate each of the following
  - (i)OP and OQ meet at O
  - (ii) XY and PQ intersect at point M
  - (iii )Line L contains points E and F but not point D.
  - (iv) P lies on AB.
- (d) Tick the TRUE and cross the FALSE.
  - (i) Straight angle is of 90°.
  - (ii) Ray has no end points
  - (iii ) 1,1,1 ... is counting pattern.
  - (iv) Maths is useful in all the aspects of life.