

KENDRIYA VIDYALAYA GACHIBOWLI, HYDERABAD
SAMPLE PAPER 02 : PERIODIC TEST – 1 (2017 – 18)
CLASS – VII
MATHEMATICS

T.T. 1:30

M.M. 40

General Instructions:

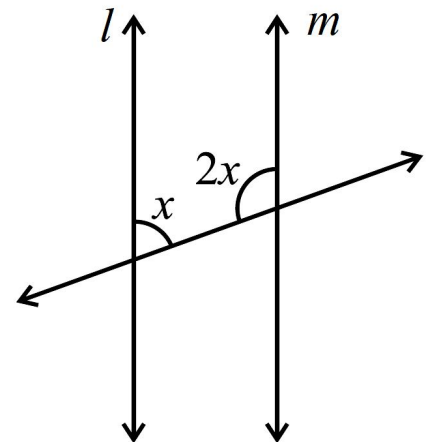
1. All questions are compulsory.
2. Question paper is divided into four sections: Section A contains 4 questions each carry 1 mark, Section B contains 4 questions each carry 2 marks, Section C contains 4 questions each carry 3 marks and Section D contains 4 questions each carry 4 marks.

SECTION – A(1 marks each)

1. Evaluate: $(-31) \div [(-30) + (-1)]$
2. Express 2598 mg in kg.
3. Find the angle which is equal to its supplement.
4. Solve: $3(n - 5) = - 21$

SECTION – B(2 marks each)

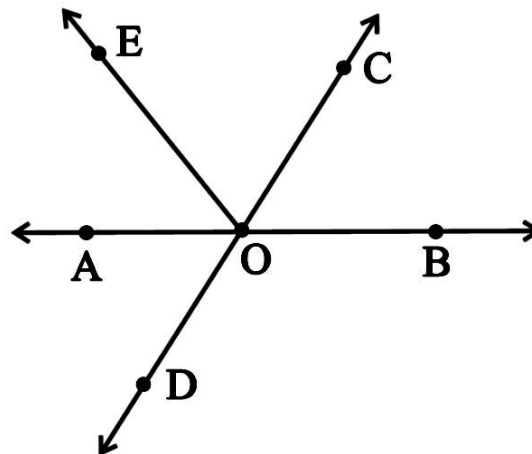
5. Raju's father's age is 5 years more than three times Raju's age. Find Raju's age, if his father is 44 years old.
6. Find the product, using suitable properties:
(a) $15 \times (-25) \times (-4) \times (-10)$
(b) $625 \times (-35) + (-625) \times 65$
7. Arrange $\frac{1}{5}$, $\frac{3}{7}$, $\frac{7}{10}$ in descending order.
8. Find the value of x in the adjoining given figures if $l \parallel m$.



SECTION – C(3 marks each)

9. Sameera purchased $3\frac{1}{2}$ kg apples and $4\frac{3}{4}$ kg oranges. What is the total weight of fruits purchased by her? What are the benefits of eating fruits?
10. Maya, Madhura and Mohsina are friends studying in the same class. In a class test in geography, Maya got 16 out of 25. Madhura got 20. Their average score was 19. How much did Mohsina score?
11. The scores in mathematics test (out of 25) of 15 students is as follows:
19, 25, 23, 20, 9, 20, 15, 10, 5, 16, 25, 20, 24, 12, 20
Find the mode and median of this data. Are they same?

12. In the adjoining figure, identify:
- Five pairs of adjacent angles.
 - Three linear pairs.
 - Two pairs of vertically opposite angles.



SECTION – D(4 marks each)

13. In a test (+5) marks are given for every correct answer and (–2) marks are given for every incorrect answer. (i) Radhika answered all the questions and scored 30 marks though she got 10 correct answers. (ii) Jay also answered all the questions and scored (–12) marks though he got 4 correct answers. How many incorrect answers had they attempted? What you will do to get very good marks in all subjects?
14. Following data gives total marks (out of 600) obtained by six children of a particular class. Represent the data on a bar graph.

Students	Ajay	Bali	Dipti	Geetika	Hari	Faiyaz
Marks Obtained	450	500	300	360	400	540

15. In a class of 40 students $\frac{1}{5}$ of the total number of students like to study English, $\frac{2}{5}$ of the total number like to study mathematics and the remaining students like to study Science.
- How many students like to study English?
 - How many students like to study Mathematics?
 - What fraction of the total number of students like to study Science?
16. In the adjoining figure, $p \parallel q$. Find the unknown angles.

