GREENLAWNS HIGH SCHOOL
FINAL EXAMINATION YEAR 2022

SUBJECT :MATHEMATICS   **CLASS: VI**

TIME   : 1Hour   **MARKS:40**

INSTRUCTIONS FOR UPLOADING THE PAPER ON TEAMS

- Answers to this paper must be written on a composition sheet only. Answers on any other paper will not be accepted.
- Students must write their name, roll no., date, subject on the right- hand corner of the first page and all the remaining pages as well.
- Students must take a clear snapshot of the paper preferably with a document scanner or Microsoft lens if possible and only then convert it into a pdf file then upload on teams.
- Students must see to it that they have uploaded all the pages. If they miss out uploading any page it will not be accepted after the close date/time of the assignment.
- The time given at the head of the paper is the time allotted for writing the paper. Attempt all questions in Section A and Section B.
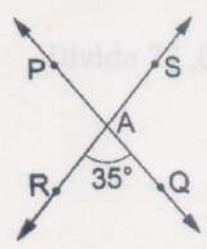- Calculation to be shown on the same page as Numerical

Section A (20 Marks)
Attempt all the questions

Q1 . Fill in the Blanks   [10]

i. $\dfrac{-2ab}{5} \div 6ab =$ _____

ii.   Complement of 36° is _____

iii. In the figure below Angle RAQ $= 35^\circ$ Angle PAS = _____ as ∟PAS and ∟RAD are _____ angles.

iv.   3 years : 8 months expressed in its simplest form is _____
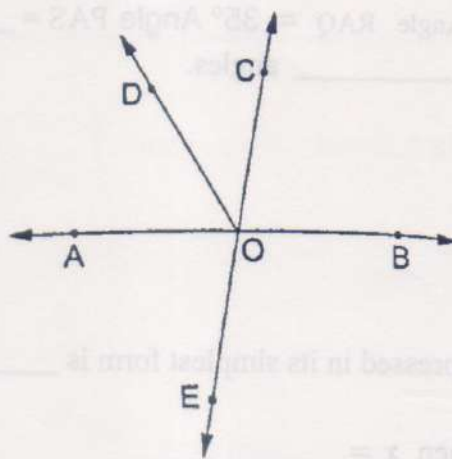
v.   If $3 - x = 12$ then $x =$ _____

p.t.o

vi. The angle equal to its supplement is _____.

vii. State True or False. - A Ratio of 125gm and 1Kg is 1:8 : _____

ix. $21y^2$ divided by $3y^3$ gives _____

Q2. Answer the following questions : [10]

A) Shankar's monthly income is Rupees 21,000 . and his monthly expenditure (3)
is rupees 15,000. Find the ratio of his monthly savings to his monthly income

B) Solve : (4)
$(12x - 7) - (5x + 6) = 3 - (8 - 2x)$

C) The measures of two supplementary angles are $(x + 4)$ and $(2x + 5)$. (3)
Find the value of x .

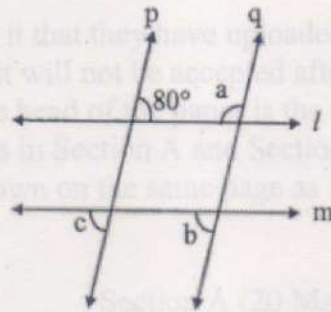**Q3. Answer the following questions :** [10]

A) Divide:
$28a^4b^5 - 32a^5b^8 + 12a^3b^3$ by $4a^5b^2$ (3)

B) Refer the Figure below: (3)
Name   i. One Acute Angle
ii. One Obtuse Angle
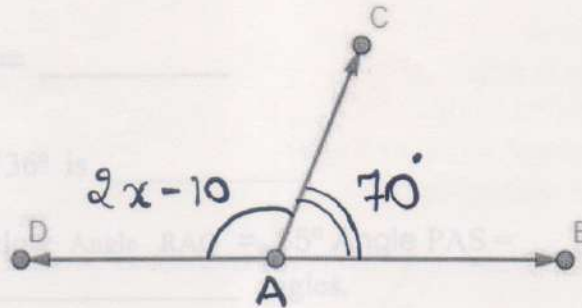iii. Two pairs of Adjacent Angles
iv. Two Reflex Angles

C) The Sum of rupess 43,400 is to be divided between Mahesh, Ramesh and   (4)
Tina such that Mahesh gets double of what Ramesh gets and Ramesh gets
The double of what Tina gets.Find out the amount which Mahesh, Ramesh
And Tina get?

Q4. **Answer the following questions :**   [10]

A) The figure below shows two parallel lines l and m cut by transversals p and q.   (3)
Lines l and m are parallel to each other . and lines p and q are parallel to each
Other. Find the value of a, b and c .

B) The figure below shows two adjacent angles DAC and BAC whose exterior   (3)
sides are   along the same straight line. Find the value of x .

C) Divide 77 ,000 among A,B and C in the ratio $\frac{1}{3}$, $\frac{1}{5}$, $\frac{3}{4}$ (4)