GREENLAWNS HIGH SCHOOL
TERMINAL EXAMINATION 2021

SUBJECT: MATHEMATICS   **STD. 7**

TIME: 1 HOUR   **MARKS: 40**

Note: All answers to this paper must be written on composition sheets only. This question paper has three pages.

Reading time: 8.20 a.m. to 8.30 a.m. Use this time to read the paper carefully.

Writing time: 8.30 a.m. to 9.30 a.m.

Paper uploading time: 9.30 a.m. to 9.40 a.m.

Write your **Name**, **Roll no**., **Class-Div**. and **Page number** in the righthand side top corner of every side of your composition sheet.

After you finish writing the paper, click clear photos of all the pages of your answer sheets, convert it into a single PDF and rename it as

Roll No. Name Class-Div. Math Terminal and upload it on teams under the given assignment.

QUESTION 1

A] Express $\dfrac{7}{8}$ % of Rs. 800.   (2)

B] Convert $2\dfrac{13}{10}$ into a decimal fraction.   (2)

C] Write the supplement of $(70 + m + 3n)^\circ$ (2)

D] A salesman charges 10% commission for selling household products. If he sells products worth Rs. 25 35 500, then calculate the commission earned by him. (2)
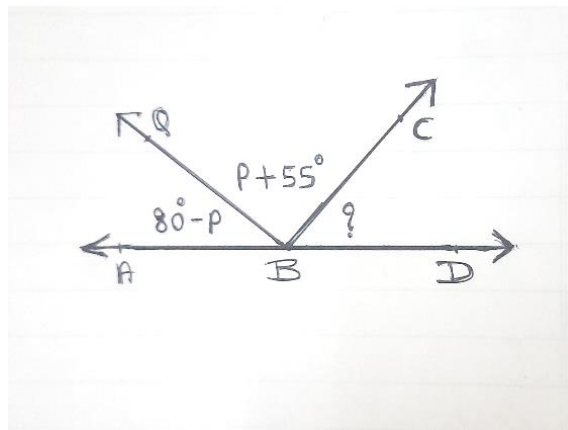
E] i) Write the degree of the given polynomial: (2)

$5 - 18\ mn + 9\ m^3n^3 - 5\ m^2n - m^4n^3$

ii) Write the coefficient of a^3bc^2 in $-19\ a^3b^4c^3$

QUESTION 2

A] In the given figure, find $\angle$ CBD. (3)

B] Divide: $(15a^3b^4 - 10a^4b^3 - 25a^3b^2)$ by $-5a^3b^2$ (3)

C] Evaluate: 1.5 of $(12 - 0.08) + 0.45 - 0.4$ (4)

QUESTION 3

A] Convert $0.78\overline{9}$ into a vulgar fraction. (3)

B] Multiply: $(5m - 2n)(5m + 2n)$ (3)

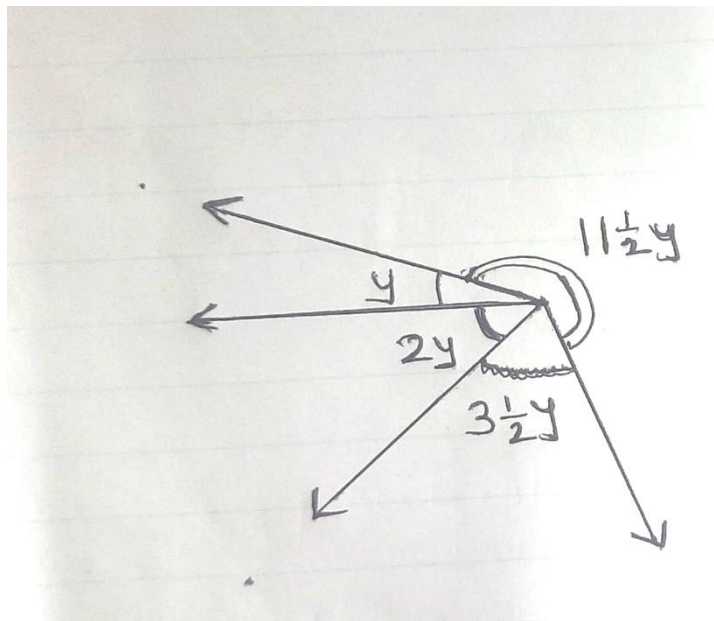C] Divide: $8x^2 + 18xy - 45y^2$ by $2x - 3y$ (4)

QUESTION 4

A] i) Round off 615.926 to the nearest whole number. (1)

ii) Write the number of significant figures of the given number: 516.008 (1)

B] The perimeter of a triangle is $8y^2 - 9y + 4$ and its two sides are $3y^2 - 5y$ and $4y^2 + 12$. Find its third side. (4)

C] Find each angle shown in the figure given below: (4)

BEST OF LUCK