5815 dt. 27.01.22

Cantt Public School & College Momenshahi
Mymensingh Cantt
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Tel : Mil-3170
Magh 1428
January 2022

Assignment for students participating in HSC Exam 2022 (9th week).

Instructions for submitting assignments:-

I. Examinees and parents must strictly follow the hygiene rules adopted to prevent COVID-19 infection.

II. Examinees will have the assignment ready within 06 (six) days of receipt. Later, if the date of submission of assignment is given to the concerned group, it will be submitted to the institution.

III. Examinees will fill the cover page of the assignment properly.

Shameem Ahmed
Lt Col
Principal

Attch :

Assignment for students participating in HSC Exam 2022 (9th week).

Distr :

Act :

Examinees participating in the HSC examination of 2022.
Class teachers (all) of 2022 HSC candidates.
Teachers, teacher assistants and staff involved in accepting and distributing assignments.

Info :

Parents of the candidates participating in the 2022 HSC examination.
VP (College)
Assistant Headmaster
Admin Officer
Office Super
Account Sec:

Subject: Chemistry　　　　Paper: 2nd　　　　Subject Code: 177　　　　Level: HSC

Assignment No.	Assignment	Evaluation Instruction						Comments
2 1st Chapter Environmental Chemistry	Gases Laws & Nature of real gas	Indicating	Scoring Criteria/Rubrics				Score	
			4	3	2	1		
		a) Combine the gaseous laws	Exact Explanation of Combine the gaseous laws	Almost Exact Explanation of Combine the gas laws	Partial Explanation of Combine the gaseous laws	gaseous laws.		
		b) Condition of real gas to behaves ideal gas.	Exact Explanation of Conditions.	Almost Exact Explanation of Conditions.	Partial Explanation Conditions.	Mention the conditions		
		c) Determine the Relation between partial pressure & mole fraction of component gases in a mixture .	Exact Explanation of laws with mathematical explanation.	Almost Exact Explanation of laws with mathematical explanation.	partial Explanation of laws with mathematical explanation.	Mention the Laws.		
		d) Mathematically explain the difference in rate of diffusion to the difference in mass of the two components of a gas mixture.	Exact Explanation of laws with mathematical explanation.	Almost Exact Explanation of laws with mathematical explanation.	partial Explanation of laws with mathematical explanation	Mention the Laws.		
		Total marks for assignment=16 total N.B. Exact=80% or more, Almost=60-79% Partial=50-59% Incomplete= less than 50%						

Marks interval	Comments
13-16	Very Excellent
11-12	Excellent
8-10	Good
7 or less than 7	Progress is needed

Cantonment Public School and College,Momenshahi
Assainment for HSC 2022

Subject : Higher Mathematics 2nd Paper (English version)
Subject code : 266   Level : HSC- 2022

Assignment no, Chapter	**Assainment**	Instruction Hints/Step/Perimeter
02 Chapter-03 (Complex number)	$Z_1 = -1 + i$ And $Z = p + p^{-1}$ Where $p = 3 (\cos\theta + i \sin\theta)$	a) If $\dfrac{z_1}{3+4i} = m + in$ then find the value of $m^4 - m^2n^2 + n^4$
		b) Express $\overline{z_1}$ in polar form
		c) Find $\sqrt{z_1}$
		d) If **Z = x + iy** then prove that, $\dfrac{9x^2}{100} + \dfrac{9y^2}{64} = 1$
		e) If $\dfrac{1}{2}(z_1 + \bar{z}_1) = a$ then find $\sqrt[6]{a}$

Alotted Marks : 14

Serial	Number range	Comment
1.	11-14	Excellent
2.	09-10	Very good
3.	07-08	Good
4.	06 or less	Progress is needed