Cantt Public School & College
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23 Aug 2021

Assignment for students participating in HSC Exam 2022 (6th 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.

MD NAZIB MAHMUD SHAJIB
Lt Col
Principal

Attch :

Assignment for students participating in HSC Exam 2022 (6th 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.
College Co-Ordinator
Assistant Headmaster
Admin Officer
Office Super

Assignment for the participating students in HSC Exam-2022

subject code: 275

Subject : Information and Communication Technology.

Assignment No.	Assignment	Learning outcome/Content	Instructions /(signals / steps / perimeter)	Evaluation Guidelines (Rubix)						
1 Chapter-1: Information and Communication Technology :Bangladesh and the World Perspective	Explanations the technologies used to provide security by human resemblance device and the fingerprints of the visitors who came to observe the views of the solar system in the artificial environment through information and communication technology.	1.Be able to evaluate the effects of Virtual Reality in daily Life. 2. Be able to analyze the present trend of Communication and information technology.	a. The concept of virtual reality and its application and impact in real life. b. Concepts, types and fields of application of biometrics. c. Concepts, and application area of Robotics	Indicative	Level of expertise/Number				Score	comment
					4	3	2	1		
				Virtual Reality	Properly explained the concept and application of virtual reality	Properly Explain the concept and application of virtual reality in most cases	partially explained the concept and application of virtual reality is	only explain the concept of virtual reality		
				Biometrics	Properly explained the Concepts, types and application area of biometrics	Properly explained the Concepts, types and application area of biometrics in most cases	partially explained the Concepts, types and application area of biometrics	only explain the concept of Biometrics		
				Robotics	Properly explained the Concepts and application area of Robotics	Properly explained the Concepts and application area of Robotics in most cases.	partially explained the Concepts and application area of Robotics in most cases.	only explain the concept of Robotics		
				Presentation	Present in own language, consistent, informative and attractively	Presenting information consistently in own language	Not informative but presenting in own language and consistently	If not presented in own language		
									Total	
									Number 16 are assigned for assignment	

Number range	Comment
13 - 16	Excellent
11 - 12	Better
08 - 10	good
0 - 07	Progress needed

Assignment for HSC candidate -2022

Subject: Chemistry Paper: 1st Subject Code: 176 Level: HSC

Assignment No.	Assignment	Learning outcome	Instruction	Evaluation Instruction					Score	Comments
				Indicating	Scoring Criteria/Rubrics					
					4	3	2	1		
1 2nd Chapter Qualitative Chemistry	The position of electrons in atoms & Sources of atomic spectrum.	■ We can compare between Rutherford's & Bohr's atomic model. ■ We can explain quantum number, different subshell & maximum capacity of electron in an orbit. ■ We can explain order of quantum subshell & shape of orbital. ■ We can explain electronic configuration of atoms by using aufbau, hunds, pauling exclusion principles. ■ We can explain electromagnetic spectrum. ■ We can explain spectrum of H series by using Bohr's atomic model.	1) Explain the rules of electronic configuration in periodic table. 2) Determine the maximum capacity of electron in an orbit by using quantum number. 3) Explain different orbitals & shape of orbitals. 4) Explain the source of atomic spectraum.	a) Explain with exception of aufbau rules, hunds rules, pauling exclusion principles.	Exact Explana -tion of rules with exception.	Almost Exact Explanation of rules with exception.	Partial Expl - anation of rules with exception..	Explanation of one/two rules .		
				b) Determine the maximum capacity of orbital & electron in 4th shell by using four quantum number.	Exact calculaton of orbital & electron number in 4th shell by using four quantum number.	Almost Exact calculaton of orbital & electron number in 4th shell by using four quantum number.	calculaton of orbital number in 4th shell by using four quantum number.	calculaton of four quatum number.		
				c) Explanation & shape of s, p & d orbitals.	Exact Explanation of three quantum number with shape	Almost Exact Explanation of three quantum number with shape	Explanation two quantum number with shape	Explanation one quantum number with shape		
				d) Mathematical explanation of hydrogen spectrum & draw the diagram.	Exact Mathematica Explanation of hydrogen spectrum & draw the diagram with name.	Almost Exact Mathematica Explanation of hydrogen spectrum & draw the diagram with name.	Partial Mathematica Explanation of hydrogen spectrum	draw the diagram of hydrogen spectrum.		

Total marks for assignment=16	total	
N.B. Exact=80-100%, Almost=70-79% , Partial=50-59%		

Marks interval	Comments
13-16	Very Excellent
11-12	Excellent
8-10	Good
0-7	Progress is needed