The Brigade School Unit Test (2020-21)

Total points 12/15

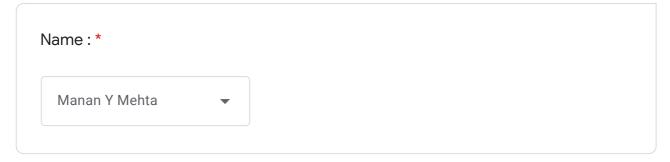


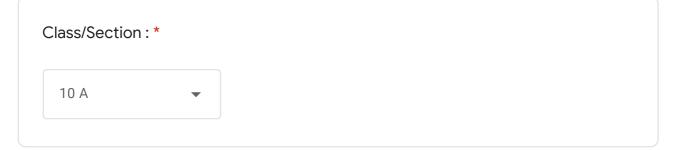
Class: 10 Subject: Chemistry Paper 1: Objective

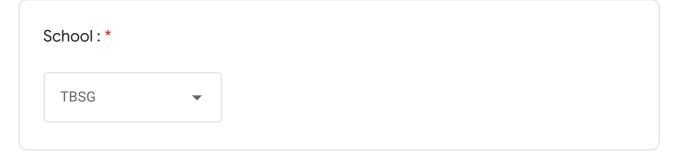
Marks:15



0 of 0 points







I. Choose the Correct Answer :(10 X 1= 10)

12 of 15 points

✓ 1. If the molecular formula of an organic compound is C₁₀H₁8 it is: *	1/1
Alkene	
Alkane	
Alkyne	✓
Not a hydrocarbon	
Feedback	
Alkyne general formula CnH2n-2 C10H(2x10)-2	
C10H(20-2) C10H18	
 2. The number of electron/ electrons present in the valence shell of a halogen is * 	1/1
	1/1
halogen is *	1/1
halogen is *	1/1
halogen is * 1 3	1/1
halogen is * 1 3 5	1/1
halogen is * 1 3 5	1/1
halogen is * 1 3 5 7	1/1
halogen is * 1 3 5 7 Feedback	1/1

	3. Among the elements of period 2, the element which has high electron affinity is:*	0/1
0	Lithium	
0	Carbon	
•	Chlorine	×
0	Fluorine	
Corre	ect answer	
•	Fluorine	
~	4. The functional group present in acetic acid is : *	1/1
0	Ketonic	
0	Hydroxyl	
0	Aldehydic	
•	Carboxylic acid	✓
Fe	edback	
Go	pod	

★ 5. An alkali metal which burns with golden yellow flame : *	0/1
Sodium	
Potassium	
Magnesium	×
Calcium	
Correct answer	
Sodium	
✓ 6. The IUPAC name of CH₃CHO is *	1/1
Methanal	
Ethanal	✓
Ethanol	
Acetaldehyde	
Feedback	
Good	

 ✓ 7. The organic compound prepared by the reaction C₂H₅Br + KOH (alcoholic soln.) → * 	1/1
Ethene	✓
Ethane	
○ Ethyne	
Methane	
Feedback	
Good	
 8. A reaction in which hydrogen of an alkane is replaced by another element like chlorine. * 	1/1
Addition reaction	
Substitution reaction	✓
Pyrolysis	
Decarboxylation	
Feedback	
Good	

$ ightharpoonup 9. C_2H_2 + H_2 \longrightarrow A + B.$ Identify A and B the unsaturated and saturated products formed in the above reaction are *	0/1
Methane and ethene	×
Propene and methane	
Ethene and ethane	
Ethyne and ethane	
Correct answer	
Ethene and ethane	
10. Tendency of an atom to attract electrons to its self when combined is a compound *	in 1/1
Electron affinity	
Electronegativity	✓
O Ionisation potential	
O lonisation energy	
Feedback	
Good	

11. Match the following : (5 X 1 =5) *							
	Tendency to lose electrons	Catenation	CnH2n-2	CnH2n	Tendency to gain electrons	Score	
Self linkage property	0	•	0	0	0	1/1	✓
Alkenes	0	0	\bigcirc	•	\circ	1/1	~
Metallic character	•	0	\circ	0	0	1/1	~
Non- metallic character	0	0	0	0	•	1/1	~
Alkynes	0	0	•	\circ	\circ	1/1	✓

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