

Seva-Bharati Mahavidyalaya

Internal Assessment 2018-2019

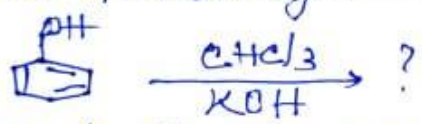
B.Sc. Hons (CBCS pattern)

Sub: Chemistry paper - C7T

Sem - III F.M - 10

Date: 27.11.2018

5 x 2 = 10

1. Explain anti Markownikoff rule with suitable example.
2. What is the full name of NBS? Write the uses of NBS.
3. Write the product and mechanism of the following reaction.  

4. What do you mean by organometallic compounds? Write two examples.
5. Distinguish between tautomerism and resonance.

T. K. Manna  
H. O. D, Chemistry



HoD,  
Dept. of Chemistry  
Seva Bharati Mahavidyalaya,  
Kaggal-Jinjarum

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Internal Assessment 2019-2020  
B.Sc. Hons (CBCS pattern)  
Sub : Chemistry                      Paper - CHT  
Sem - V                                      F.M. - 10  
Date : 19.11.2019

1. What is CFSE? 5x2=10
2. What do you mean by Jahn Teller distortion?
3. What is Lanthanide contraction?
4. Distinguish between Lanthanides and Actinides.
5. Calculate the magnetic moment of  $[\text{Fe}(\text{CN})_6]^{3-}$ .

T.K. Nana  
H.D.D, Chemistry



H.O.D.,  
Dept. of Chemistry  
Seva Bharati Mahavidyalaya  
Kaptai-Jhargram

Seva-Bharati Mahavidyalaya  
Internal Assessment 2020-2021

B.Sc. HONS (CBCS Pattern)

Sub: Chemistry paper - CAT

Sem - II

F.M. - 10

Date: 29.01.2021

5 × 2 = 10

1. Explain atropisomerism.
2. What is butane gauche interaction with examples?
3. Distinguish between intermolecular and intramolecular reaction.
4. What is HSAB principle?
5. What do you mean by PKIE?

T.K. Manne  
H.O.D., Chemistry

H.O.D.,  
Dept. of Chemistry  
Seva Bharati Mahavidyalaya  
Kapoorthangram



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Internal Assessment 2021-2022

B.Sc Hons (CBCS Pattern)

Sub: Chemistry

Paper - C2T

Sem - I

F.M. - 10

Date: 24.12.2021

$5 \times 2 = 10$

1. What is collision number and mean free path?
2. Determine the ratio of  $C_a$ ,  $C_m$  and  $C_{r.m.s}$ .
3. Write down the Van der Waals equation for one mole and  $n$  moles.
4. Prove that  $\Delta H = \Delta E + \Delta n_g RT$
5. Distinguish between Isothermal process and Adiabatic process.



T. W. Manu  
H.O.D., Chemistry

H.O.D.  
Dept. of Chemistry  
Seva Bharati Mahavidyalaya  
Koppal, Koppal, Karnataka

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Internal Assessment 2022-2023

(B.Sc. Hons CCBS pattern)

Sub: Chemistry

Paper - DSE3T (Green Chemistry)

Sem: VI

F.M. - 10

Date: 21.02.2023

5X2=10

1. What is green chemistry?
2. What are the limitations of green chemistry?
3. Write two principles of green chemistry.
4. What do you mean by Atom economy?
5. Write two names of solvents for green synthesis.



T.K. Nanna

H.O.D., Chemistry

HoD,

Dept. of Chemistry

Seva Bharati Mahavidyalaya,  
Kaptai-Jharkhand