

B.B.M. COLLEGE BALIAPUR

(DHANBAD)

Internal Exam (3rd Sem) 2026

Session – 2024-2028

Class – BS.C (Hons) (SCIENCE - CHEMISTRY)

Sub. – Major – 04 (Time – 1.0 Hr.)

F.M. - 10 +(CAS+DDA) 5 = 15

Answer any two questions.

1. Write notes on any two.

a) Hybridization b) Inductive effect

c) Dipole moment

2. Describe Newman and sawhorse projection formula.

3. Write notes on

a) Wurtz Reaction

b) wurtz - fitting Reaction.

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1. What are use the concept of standard state and standard enthalpies of formation.

2. explain le-ehatelier's principal.

3. What are the relationships Beth K_p, K_c & K_x ?