

GOVT VEER SURENDRA SAY P.G. COLLEGE GARIABAND
2nd Internal Examination 2025
B.sc-II sem.
(Subject- chemistry)

Multiple choice Question

(04x01=04)

01. tyndall effect is observed in-

- (a) Colloidal solution (b) in impulse
(c) in solute (d) in vapor

02. NaCl crystal contains-

- (a) Face centered cubic cell (b) simple cubic cell
(c) in wardly centered cubic cell (d) octahedral cell

03. The most stable form of cyclohexane is-

- (a) boat (b) chair
(c) heteroplanar (d) none of the done

04. Which of the following is not self- ionizing-

- (a) H_2O (b) NH_3
(c) C_2H_5OH (d) liquid HF

Short answer Questions. any Two

(02x03=06)

01. What is symbiosis? Explain symbiosis in the context of acid base.
02. Explain the mechanism of Friedel-Crafts acylation.
03. Write a note on golden number.

Long answer Questions. any two

(02x05=10)

01. What is the first order reaction? The expression for the rate constant has been established for this.
02. Define average velocity root mean square velocity and most likely velocity what is the relation between these three velocities?
03. What is coordination number? What is the coordination number of Na^+ Cl ions.
04. Explain the following reaction taking place in liquid Ammonia
(a) neutralization reaction (b) precipitation reaction
(c) complex Formation (d) redox reaction.

GOVT VEER SURENDRA SAY P.G. COLLEGE GARIABAND
2nd Internal Examination 2025
B.sc-II sem.
(Subject- chemistry)

Multiple choice Question

(04x01=04)

01. tyndall effect is observed in-

- (a) Colloidal solution (b) in impulse
(c) in solute (d) in vapor

02. NaCl crystal contains-

- (a) Face centered cubic cell (b) simple cubic cell
(c) in wardly centered cubic cell (d) octahedral cell

03. The most stable form of cyclohexane is-

- (a) boat (b) chair
(c) heteroplanar (d) none of the done

04. Which of the following is not self- ionizing-

- (a) H_2O (b) NH_3
(c) C_2H_5OH (d) liquid HF

Short answer Questions. any Two

(02x03=06)

01. What is symbiosis? Explain symbiosis in the context of acid base.
02. Explain the mechanism of Friedel-Crafts acylation.
03. Write a note on golden number.

Long answer Questions. any two

(02x05=10)

01. What is the first order reaction? The expression for the rate constant has been established for this.
02. Define average velocity root mean square velocity and most likely velocity what is the relation between these three velocities?
03. What is coordination number? What is the coordination number of Na^+ Cl ions.
04. Explain the following reaction taking place in liquid Ammonia
(a) neutralization reaction (b) precipitation reaction
(c) complex Formation (d) redox reaction.