

GOVERNMENT DEGREE COLLEGE

RAMPACHODAVARAM

DEPARTMENT OF CHEMISTRY

STUDENT SEMINARS

FOR 2017-2018

GOVERNMENT DEGREE COLLEGE
RAMPACHODAVARAM
DEPARTMENT OF CHEMISTRY

2017-2018 SEMINARS

S.NO	DATE	SEM	NAME OF THE TOPIC	Name of the Students
1	10-07-2017	III	<i>Valence Bond Theory</i>	<i>Y.Satyanarayana</i>
2	17-07-2017	V	Werners Theory	J.Viswamma
3	01-08-2017	I	PREPARATION OF Di-Boranes	B.Abbai Reddy
4	03-11-2017	II	Henry Slaw, Ideal & Non-Ideal Solutions	K.Anusha
5	16-12-2017	IV	Kohlrausch Law & Its Applications	P.Aruna
6	25-01-2018	VI	Environmental Chemistry	K.Veera Durga Rao

GOVERNMENT DEGREE COLLEGE
RAMPACHODAVARAM
DEPARTMENT OF CHEMISTRY

REPORT ON STUDENT SEMINAR-II B.Sc

The Department of Chemistry Conducted a student Seminar for the students of II B.Sc mpc Students on 10-07-2017. The topic of the Seminar was Chemical Bond “ Valence bond theory”.

Majority of the students from I B.Sc II B.Sc III B.Sc attend the Seminar. The topic was enlightened and informative to the students.

Few Students have asked questions related to the topic .After the completion of seminar feed back was also Collected from the students.

TO
THE PRINCIPAL,
GOVT.DEGREE COLLEGE,
RAMPACHODAVARAM.

RAMPACHODAVARAM,
01-08-2017.

Respected Sir,

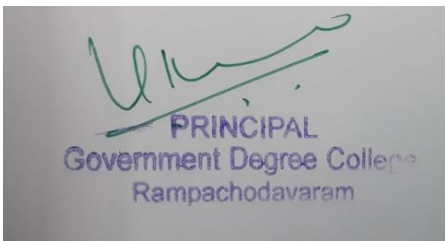
SUB: Seeking permission to conduct student seminars for the year 2017-18 Req reg.

I S.Swarna Latha,Lecturer in chemistry, Govt.Degree College, Rampachodavaram, planned to conduct student seminars for the year 2017-18 for I,II,III B.Sc[MPC] classes.

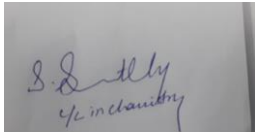
So kindly grant me permission to conduct seminars.

Thanking you sir.

Yours faithfully



PRINCIPAL
Government Degree College
Rampachodavaram



S. Swarna Latha
Chemistry

S. Swarna Latha

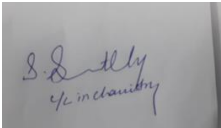
REPORT ON STUDENT SEMINARS

Department of chemistry organized student seminar on 10-07-2017. All the students were participated enthusiastically in the seminar. They were taken up the topic like ***Valence Bond Theory***. Topic presented by y. SATYANARAYANA REDDY And B. Ganga Bhavani studying I B.SC MPC.

GOVERNMENT DEGREE COLLEGE
RAMPACHODAVARAM
DEPARTMENT OF CHEMISTRY

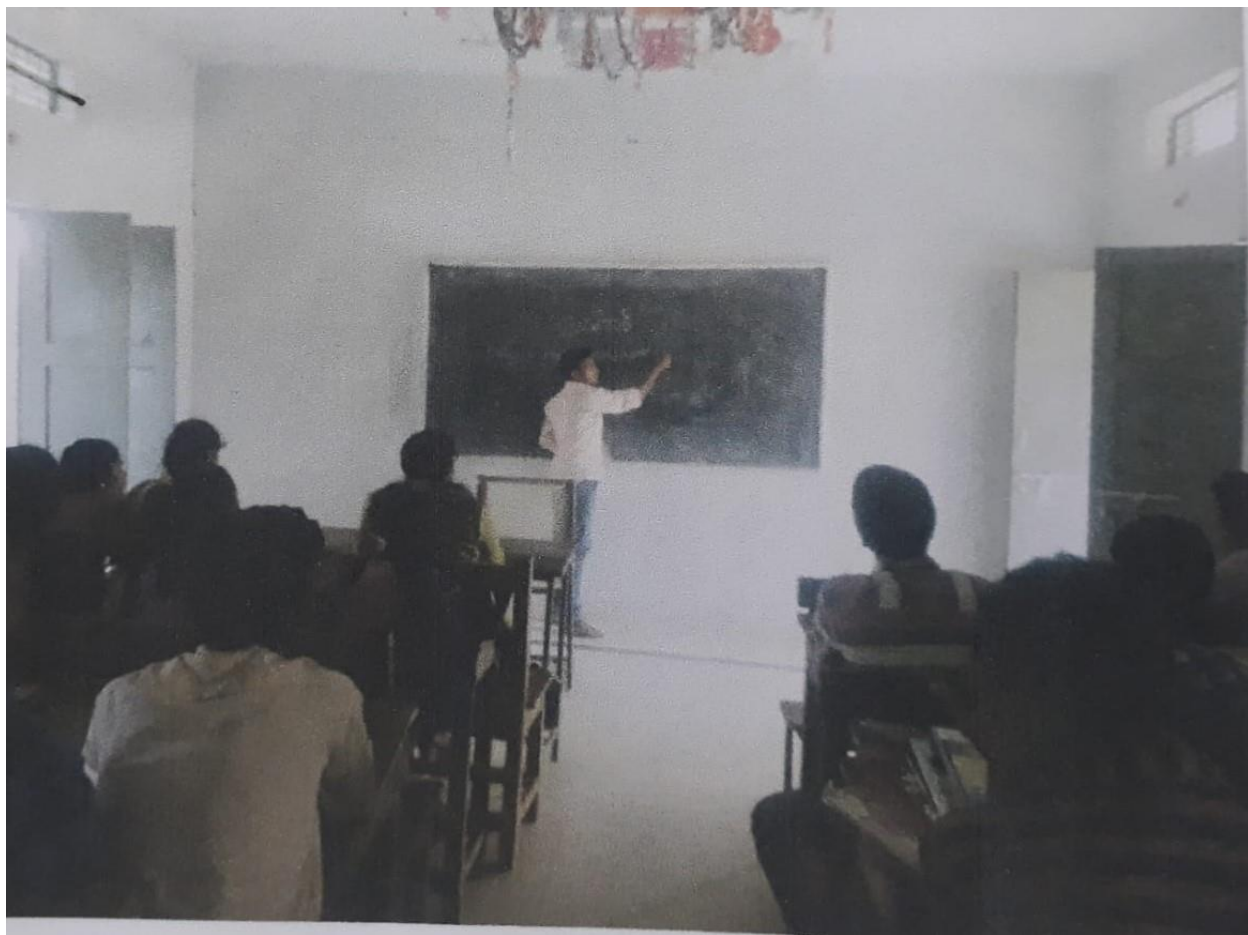
CIRCULAR

The Department of Chemistry is going to be conduct a student seminar on 10-07-2017. All the students must attend the Seminar in Chemistry Lab Room:17 without fail

A rectangular box containing a handwritten signature in dark ink. The signature appears to be 'S. Swarna Latha' with 'Lecturer in Chemistry' written below it in a smaller, less legible script.

S.Swarna Latha
Lecturer in Chemistry

PHOTO GALLERY



- * ಸಂಮೋಹಕತೆ ಯಂಥ ಸಿದ್ಧಾಂತಂ ಪಾಠಯು ಸ್ವಲ್ಪಕ ಕ್ಷೇಪ ಸಿದ್ಧಾಂತಂ
- * ಸಂಮೋಹಕತೆ ಯಂಥ ಸಿದ್ಧಾಂತಂಃ
ಯಂ ಯಂ ಯಂ ಯಂ
- * ಸಿದ್ಧವಿಕೆ ಸಿದ್ಧಾಂತಂವೊನಿ ಪೊಪಲನು ಸವರಂವಡನಿಕೆ ಸಮಾಪ್ತಯ ನಮೋನಿಸಾ
ಪಾ ಯಥಾಲನು ಪವರಂವಡನಿಕೆ ಪುನಃ ತಲಂಗ ಸಂಮೋಹಕತೆ ಯಂಥ
ಸಿದ್ಧಾಂತಂವೊನಿ ಪ್ರವೇಶಿಸ್ತಾರು.
- * ಈ ಸಿದ್ಧಾಂತಂವೊನಿ ಕೇಂದ್ರ ಲೋಕಂ ಭಾಸ್ಕರಿಯ ಎಲೆವೊನಿ ಪುನಃ
ಕೇಂದ್ರ ಸಿದ್ಧಾಂತಂವೊನಿ ಎಲೆವೊನಿ ಪುನಃ, ಸ್ವಲ್ಪಕ ಸಂಕರಕರಾಂ ಮುಖ್ಯ ಕ್ರಿಯೆ
ಪಡಕಲು
- * ಸಂಮೋಹಕತೆ ಯಂಥ ಸಿದ್ಧಾಂತಂವೊನಿ ಅನುಸರಂವಿ ಸಮಾಪ್ತಯ ನಮೋನಿಸಾ
ಸ್ವಲ್ಪಕ, ಅಮೋಹಕತೆ ಭರಣಿಯು ಪವರಂವಡನಿಕೆ ಎಲೆವೊನಿ.
- * ಈ ಸಿದ್ಧಾಂತಂ ಪ್ರಕಾರಂ, ಸಂಸ್ಕೃತ ಪದಾರ್ಥಂವೊನಿ ಎಲೆವೊನಿ ಪುನಃ
ಪ್ರಕಾರ ಪದಾರ್ಥಂವೊನಿ ಯೊನುಮಯಿ.
- * ಸಂಮೋಹಕತೆ ಯಂಥ - ಅನುಗುಣ ಭಾಸ್ಕರಿಯೊನಿ ಪೂರ್ವಪರಮಾಪ್ತ
ಎಲೆವೊನಿಯು ಬಿಗಿಟ್ಟುಕುನಿ - ಅಮೋಹ ಸ್ಥಿತಿಗೆ ತರುವೊನಿ. ಪುನಃ ಅಮೋಹ
ಭಾಸ್ಕರಿಯು ಅಮೋಹ
- * ಇಂಗೆ ಪೂರ್ವ ಪರಮಾಪ್ತ ಸ್ಥಿತಿಗೊನಿ ಸಂಸ್ಕೃತ ಪದಾರ್ಥಂವೊನಿ ಎಲೆವೊನಿಯು.
- * ಅಂಟುಯೊಡ ಪೂರ್ವ ಪರಮಾಪ್ತ - ಅಮೋಹ ಸ್ಥಿತಿಗೆ ತರುವೊನಿ.
- * ಅನುಸರಂವಿ ಯೊಡ, ಪೂರ್ವ - ಅಮೋಹ, ಭಾಸ್ಕರಿಯ ನುಡಿ ಕೇಂದ್ರ ಸಿದ್ಧಾಂತಂವೊನಿ
ಎಲೆವೊನಿ.
- * ಈ ಪ್ರಕ್ರಿಯೆಯೊ ಪೂರ್ವ ಸ್ವಲ್ಪಕ ಭಾಸ್ಕರಿಯೊನಿ ಎಲೆವೊನಿಯು ಅನುಸರಂವಿ
ತರುವೊನಿ.
- * ಪೂರ್ವ ಸಮಾಪ್ತಯ ಸಂಸ್ಕೃತ ಸಮಾಪ್ತಯ ಕೇಂದ್ರ ಸಿದ್ಧಾಂತಂವೊನಿ
ಅನುಸರಂವಿ ಸ್ವಲ್ಪಕ ಭಾಸ್ಕರಿಯೊನಿ ಸಂಕರಕರಾಂ ತಂಗೆ ಭಾಸ್ಕರಿಯೊನಿ
ಸ್ವಲ್ಪಕ ಭಾಸ್ಕರಿಯೊನಿ ಎಲೆವೊನಿಯು.
- * ಕೇಂದ್ರ ಎಲೆವೊನಿ ಕೇಂದ್ರ ಸಿದ್ಧಾಂತಂವೊನಿ ಕೇಂದ್ರ ಸ್ವಲ್ಪಕ ಭಾಸ್ಕರಿಯೊನಿ ಭಾಸ್ಕರಿಯೊನಿ
ಸಂಕರ ಸ್ವಲ್ಪಕ ಭಾಸ್ಕರಿಯೊನಿ ಅನುಸರಂವಿ ತರುವೊನಿ.
- * ಈ ಪ್ರಕ್ರಿಯೆಯೊ ಕೇಂದ್ರ ಸಿದ್ಧಾಂತಂವೊನಿ ನುಡಿ ಎಲೆವೊನಿ ಕೇಂದ್ರ ಸಿದ್ಧಾಂತಂವೊನಿ
ಸ್ವಲ್ಪಕ ಭಾಸ್ಕರಿಯೊನಿ ಯೊಡ - ಅನುಸರಂವಿ.

ಸಮವಯಸ್ಕ ಸಂಖ್ಯೆ	ಸಂಕರೀಕರಣ	ಧ್ವನಿ	ಲಿಪಿ
1	sp	ಕ್ರಿಯಾತ್ಮಕ	$\text{Ag}(\text{NH}_3)_4$
2	sp ²	ಸಮವಯಸ್ಕ	$[\text{HgI}_2]$
3	sp ³	ಪ್ರತಿರೋಧಕ	$[\text{Ni}(\text{CO})_4]$
4	dsp ²	ಸಮವಯಸ್ಕ	$(\text{Ni}(\text{CO})_4)_2$
5	d ² sp ³ ಕೆಲವು sp ³ d ²	ಧ್ವನಿ	$\text{Fe}(\text{CN})_4^{4-}$

* ಐಕ್ಯ ಪರಮಾಣುವುಳ್ಳ ಒಂದೇ ಪದರ, ಧ್ವನಿ, ಕ್ರಿಯಾತ್ಮಕತೆ ಇವು ಧ್ವನಿ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ.

* ಸಂಕರೀಕರಣದಿಂದ $[\text{Ni}]d$ ಧ್ವನಿ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ.

* nd ಧ್ವನಿ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ.

* ಯಾವುದೇ ಧ್ವನಿ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ.

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ಸಂಕರೀಕರಣದಿಂದ ಯಾವುದೇ ಧ್ವನಿ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ.

* ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ, ಕ್ರಿಯಾತ್ಮಕತೆ.

අංක 128 දෙවැනි පිටුව

சென்னை

- [illegible]

* செய்து :

- * ನಮ್ಮ ಶ್ರಾಂತ ಯಥಾವಸ್ಥೆ ಇರುವಂತೆ ಮಾಡಿರಿ ಎಂದು ಈ ಪತ್ರ - ಸಿಬಿಡಿ ಕಡೆ ಇಡಿ - ಅಂತ್ಯ ಪಡಿಸುವ ಪ್ರಯತ್ನ ಇರಲಿ.
- * ಶ್ರೀಶೈಲದ ಪಕ್ಕದಲ್ಲಿ ಅಂತ್ಯ ಪ್ರಶಸ್ತಿ ಪಡಿಸುವ ಕುರಿತು ನಿರಾಸೆಯಾಗಿ ಅದು ಈ ವಿಷಯ.
- * ಅದು ಇದು ಪ್ರಶಸ್ತಿ ಪಡಿಸುವ ವಿಷಯ.
- * ಅದು ಇದು ಅಂತ್ಯ ಪಡಿಸುವ.
- * ಈ ಅಂತ್ಯ ಈ ಪತ್ರದ ವಿಷಯ.
- * ಈ ಪತ್ರದ ವಿಷಯ ಅಂತ್ಯ ಪಡಿಸುವ ಶ್ರೀಶೈಲ ವಿಷಯ.
- * ಅದು ಶ್ರೀಶೈಲ ವಿಷಯ (ವಿಷಯ).

GOVERNMENT DEGREE COLLEGE

RAMPACHODAVARAM

DEPARTMENT OF CHEMISTRY

STUDENT SEMINAR –II

Questions from the Students

1. Define a chemical bond.
2. Give the main feature of Lewis' approach of chemical bonding.
electron dot structure (Lewis structure)
of Na, Ca, B, Br, Xe, As, Ge, N_3^- , Na, Ca, B, Br, Xe, As, Ge, N_3^- .
3. Write
4. Give the octet rule in short.
ionic bonding.
5. Define an
6. Which one of the following has the highest bond order? N_2 , N^{+2} or N^{-2} , N_2^{++} or N_2^- .
7. Define bond order.
8. What type of bond is formed when atoms have a high difference of electronegativity?.
9. Define dipole moment.
10. Give the mathematical expression of the dipole moment.

GOVERNMENT DEGREE COLLEGE

RAMPACHODAVARAM

DEPARTMENT OF CHEMISTRY

FEED BACK Student Seminar –II B.Sc

1.Is the seminar useful for you

a) Yes b) No

2.How was the student present Presentation

a)Good b) Better C)Excellent

3.Did the event meet your expectation

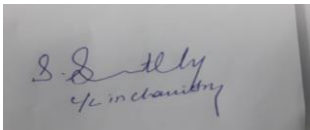
a) yes b) No

4.Is the content clear by the presenter

a) Yes b) No

5.Did you enjoyed the seminar or felt bored

a) Enjoyed b) Bored



S. Swarna Latha
Lecturer in Chemistry

S.SWARNA LATHA
LECTURER IN CHEMISTRY

GOVERNMENT DEGREE COLLEGE

RAMPACHODAVARAM

DEPARTMENT OF CHEMISTRY

STUDENT SEMINARS

FOR 2018-19

2018-2019 SEMINARS

S.NO	DATE	SEMESTER	Name of the Student	SEMINAR TOPIC
01	03/07/2018	III	J.Subhadra	SN ¹ ,SN ² Reaction And Preparation of alky halides
02	7/7/2018	V	B.Ganga Bhavani	Preparation of Amino acids and propeties
03	13/7/2018	I	Vanjam.Durga Rao	Preparation of Silanes,an application
04	6/12/2018	II	Sadala.Bhagya Sree	Conzion Condensation
05	22/1/2019	IV	M.Anil Kumar Dora	Joule-Thomson Effect and Kirchoffs Equation
06	11/2/2019	VI	K.Aruna Kumari	Friedal Crafts alkylation and Friedal Crafts acylation

GOVERNMENT DEGREE COLLEGE
RAMPACHODAVARAM
DEPARTMENT OF CHEMISTRY

REPORT ON STUDENT SEMINAR-II B.Sc

The Department of Chemistry Conducted a student Seminar for the students of II B.Sc mpc Students on 03-07-2018. The topic of the Seminar was Halogenated Hydrocarbon compound "SN1 & SN2 Reaction".

Majority of the students from I B.Sc II B.Sc III B.Sc attend the Seminar. The topic was enlightened and informative to the students.

Few Students have asked questions related to the topic .After the completion of seminar feed back was also Collected from the students.

**TO
THE PRINCIPAL,
GOVT.DEGREE COLLEGE,
RAMPACHODAVARAM.**

**RAMPACHODAVARAM,
1-07-2018.**

Respected Sir,

SUB: Seeking permission to conduct student seminars for the year 2018-19 Req reg.

I S.Swarna Latha,Lecturer in chemistry,Govt.Degree College, Rampachodavaram, planned to conduct student seminars for the year 2018-19 for I,II,III B.Sc[MPC] classes.

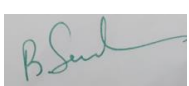
So kindly grant me permission to conduct seminars.

Thanking you sir.

Yours faithfully



**PRINCIPAL
Government Degree College
Rampachodavaram**



S. Swarna Latha

GOVERNMENT DEGREE COLLEGE
RAMPACHODAVARAM
DEPARTMENT OF CHEMISTRY

CIRCULAR

The Department of Chemistry is going to be conduct a student seminar on 03-07-2018 .All the students must attend the Seminar in Chemistry Lab Room:17 without fa

GOVERNMENT DEGREE COLLEGE

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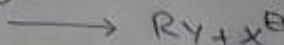
DEPARTMENT OF CHEMISTRY

STUDENT SEMINAR REPORT

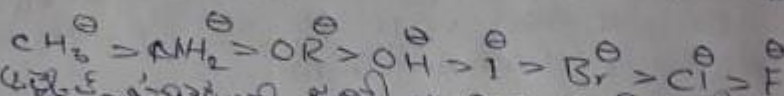
Date:03/07/2018

Department of chemistry Organized student seminar on 03/07/2018. All the students are participated enthusiastically in the seminar they were taken up different topics like” Halogenated Hydrocabon Compounds” SN1,SN2 Reaction and preparation of alky halides.Topic presented by II B.Sc MPC B.Ganga Bhavani

ప్రశ్నలకు అర్థ ప్రతిజ్ఞలు ఇచ్చి సమాధానం:-

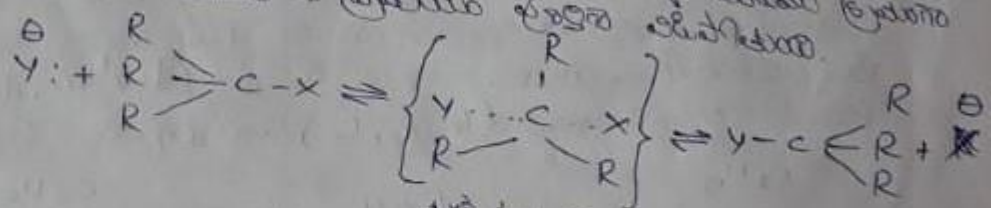
$$R - x + y \in$$


x^0, y^0 స్వల్ప ధైర్యం ఉన్నప్పుడు $Ry + x^0$ వక్రీకరణ కట్టా వల్ల
 విశేష వక్రీకరణ ఉంటుంది. స్వల్ప ధైర్యం ఉన్నప్పుడు $Ry + x^0$ వక్రీకరణ కట్టా వల్ల
 విశేష వక్రీకరణ ఉంటుంది.



$\text{Li} < \text{K} < \text{Rb} < \text{Cs} < \text{OH} > 1 > \text{Br} > \text{Cl} > \text{F}$
 ఇందు పర్యవీక్షణులు (క్షైత్ర పర్యవీక్షణులు) ప్రభుత్వ పర్యవీక్షణులు
 ఆధారపడి ఉంటున్నాయి. Sn^{2+} పర్యవీక్షణులు. పర్యవీక్షణులు ఒకే కక్షిత్ర
 పర్యవీక్షణుల పర్యవీక్షణులు ఆధారపడి ఉంటున్నాయి. Sn^{2+} పర్యవీక్షణులు
 ఇందు ఇందు పర్యవీక్షణులు పర్యవీక్షణులు ఉంటున్నాయి. (Configuration)

SN² reaction (Substitution Nucleophilic Bimolecular)

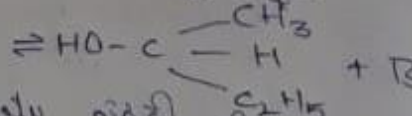
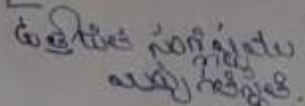
[illegible]

అక్షరము గుర్తింపు

ಈ ಪದ್ಧತಿ ಕ್ರಿಯಾ ಸುಚಿತ್ರಿ ದಾಖಲೆಗಳಿಗಾಗಿ ತಯಾರಿಸಿದ ಒಂದು ಪದ್ಧತಿಗಾಗಿ
ನಿಜವಾಗಿಯೂ ಪ್ರತಿ ಪದ್ಧತಿಗೂ ದಾಖಲೆ ನೀಡಿದ. ಈ ಪದ್ಧತಿ X, Y, Z
ಮತ್ತು ಪದ್ಧತಿಗಳಿಗೂ ಒಂದೊಂದೂ ಒಂದೊಂದು ಗೊತ್ತು. X, Y, Z
ಪದ್ಧತಿಗಳಿಗೆ ವಿವರ Y, Z, X ಒಂದೊಂದು ಒಂದೊಂದು ಗೊತ್ತು.
ಗೊತ್ತು ಒಂದೊಂದು :-

ಗಾತ್ರದ ಲಕ್ಷಣಗಳು :-

[illegible]



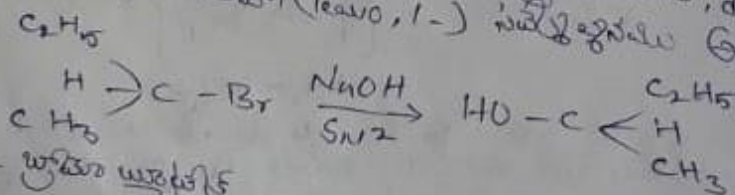
ചോദ്യങ്ങൾ :-

CH_3
 H
 C_2H_5

$\text{C} = \text{C}$

$\text{HO} - \text{C} = \text{C}$

CH_3

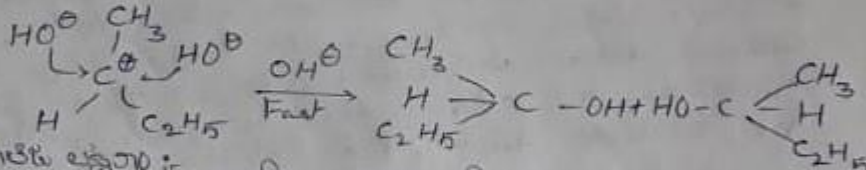
[illegible]

(2) - प्रतिशत मात्रा

2 - பாடல்கள் புத்தகம்

S_N1 - S_N2 (Substitution Nucleophilic unimolecular)
 ಪ್ರಥಮ ದರ್ಜೆಯ ಪ್ರತಿಕ್ರಿಯೆ (ಪ್ರಥಮ ದರ್ಜೆಯ ಪ್ರತಿಕ್ರಿಯೆ)
 S_N1 - S_N2 (Substitution Nucleophilic unimolecular)
 ಪ್ರಥಮ ದರ್ಜೆಯ ಪ್ರತಿಕ್ರಿಯೆ (ಪ್ರಥಮ ದರ್ಜೆಯ ಪ್ರತಿಕ್ರಿಯೆ)

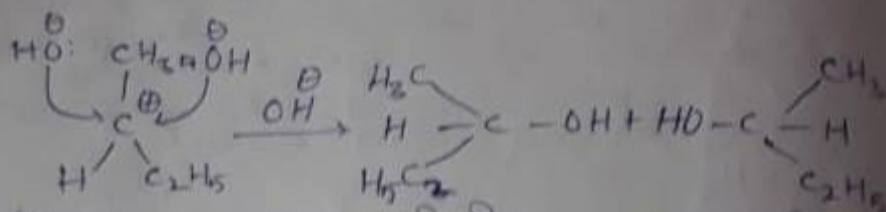
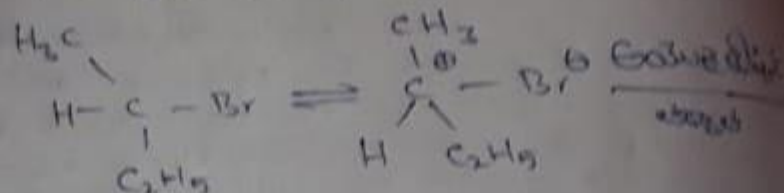
ಅಧ್ಯಯನಕ್ಕಾಗಿ 2- ಪ್ರತಿಭಾ ಮುಖಾಂತರ 2ನೇ ಅಧ್ಯಯನಕ್ಕೆ ಬರಲು ಸಿದ್ಧರು
ಎ ಎಸ್ಸಿಎಸ್ಸಿ ಕೆಎಸ್ಸಿಎಸ್ಸಿ ಪ್ರವೇಶದಿಂದ ಪ್ರವೇಶಿಸುತ್ತಾರೆ.



2019

ఉదా:- 2-ప్రతి యుక్తికి స్వరంబు వచ్చేసినట్లు తెలుసుకోవాలి

the above is a copy of the original.



అయితే ఆర్థిక విద్యను అందించే విధానం మేరకు దేశం
వ్యవస్థను ప్రభుత్వం నిర్వహిస్తుంది, ప్రైవేటీకరణను
ఈ విధానం ద్వారా అందించబడుతుంది. సమగ్రంగా ఆర్థిక
పరిస్థితి, ఆంధ్ర ప్రదేశ్ ప్రభుత్వం ఏర్పాటుచేస్తుంది. అయితే
అందుకు అనుగుణంగా ప్రైవేటీకరణ పరిస్థితి మేరకు
పరిశీలించాలి. అది అందుకు అనుగుణంగా ప్రైవేటీకరణ పరిస్థితి
మేరకు ఏర్పాటుచేయాలి.

- *Photo gallery of seminar*



1. **SN₁SN₂ reaction with an appropriate reaction.**
2. **write the differences between SN₁ & SN₂ Reaction**
3. **Give the Examples for SN₁ & SN₂ Mechanisms**

GOVERNMENT DEGREE COLLEGE

RAMPACHODAVARAM

DEPARTMENT OF CHEMISTRY

FEED BACK Student Seminar –II B.Sc

1.Is the seminar useful for you

a) Yes b) No

2.How was the student present Presentation

a)Good b) Better C)Excellent

3.Did the event meet your expectation

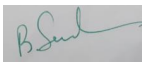
a) yes b) No

4.Is the content clear by the presenter

a) Yes b) No

5.Did you enjoyed the seminar or felt bored

a) Enjoyed b) B



B.SURENDRA

Lecturer in Chemistry

GOVERNMENT DEGREE COLLEGE

RAMPACHODAVARAM

DEPARTMENT OF CHEMISTRY

STUDENT SEMINARS

FOR 2019-20

2019-2020 SEMINARS

S.NO	DATE	SEMESTER	Name of the student	SEMINAR TOPIC
01	20-07-2019	III	Vanjam.Durga Rao	Valence bond theory
02	13-07-2019	V	N.Usharani	Werners theory
03	17-07-2019	I	M.Satyanarayana Reddy	Preparation of Di boranes
04	13-07-2019	II	P.ashok Reddy	Braggs Equation
05	09-12-2019	IV	Pallala.Narayana Reddy	Kohlrausch law
06	28-01-2020	VI	S. Subhani	Preparation of paracetmol

GOVERNMENT DEGREE COLLEGE

RAMPACHODAVARAM

DEPARTMENT OF CHEMISTRY

REPORT ON STUDENT SEMINAR-II B.Sc

The Department of Chemistry Conducted a student Seminar for the students of II B.Sc mpc Students on 17-07-2019. The topic of the Seminar was Gas Chromatography liquid Chromatography ”.

Majority of the students from I B.Sc II B.Sc III B.Sc attend the Seminar. The topic was enlightened and informative to the students.

Few Students have asked questions related to the topic .After the completion of seminar feed back was also Collected from the students.

**TO
THE PRINCIPAL,
GOVT.DEGREE COLLEGE,
RAMPACHODAVARAM.**

**RAMPACHODAVARAM,
5-7-2019.**

Respected Sir,

SUB: Seeking permission to conduct student seminars for the year 2019-20 Req reg.

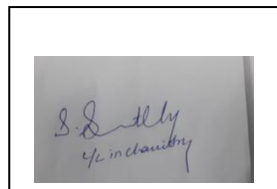
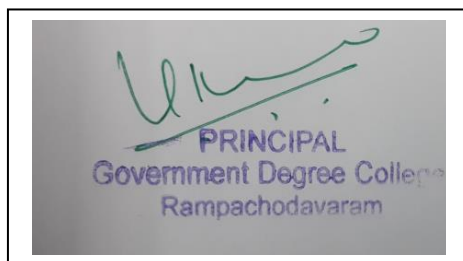
I S.Swarna Latha,Lecturer in chemistry, Govt.Degree College, Rampachodavaram, planned to conduct student seminars for the year 2019-20 for I,II,III B.Sc[MPC] classes.

So kindly grant me permission to conduct seminars.

Thanking you sir.

Yours faithfully

B.SURENDRA



REPORT ON STUDENT SEMINARS

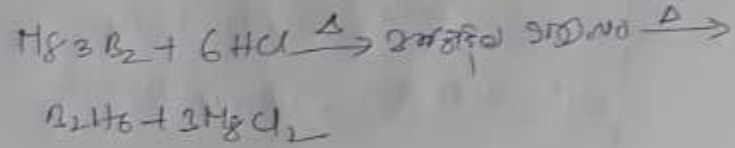
Department of chemistry organized student seminar on 17-07-2019. All the students were participated enthusiastically in the seminar. They were taken up the topic like ***PREPARATION AND STRUCTURE OF DI-BORANE***. Topic presented by M.Satyanarayana studying I B.SC MPC.

6. ಬೋರ್ಸ್:

III A (ಗುರು) ಮೂಲಕ 2 ತೆರನು ಎಲೆಕ್ಟ್ರೋನ್‌ಗಳು
ಮಾನ್ಯ ಸಂಯೋಜನಾ ಸೂತ್ರಗಳಿಗೆ ಸೂಚಕವಾಗಿವೆ. ಅದರಲ್ಲಿ ಈ
ಮೂಲಕದ ಅಂಶಕ್ಕೆ ಸ್ಪಷ್ಟ ಶಾಖಾ 6 ಎಲೆಕ್ಟ್ರಾನ್‌ಗಳು ಸೇರಿವೆ ಎಂದು
ಅರ್ಥ. ಈ ಮೂಲಕದ ಉತ್ಪನ್ನವು ಸ್ವಲ್ಪಮಟ್ಟಿಗೆ ಸೂಚಕವಾಗಿವೆ. ಈ ಎಲೆಕ್ಟ್ರಾನ್‌ಗಳು
11 ಸೂತ್ರದಂತೆ ಸೂಚಕವಾಗಿವೆ. ಸೂತ್ರಗಳನ್ನು ಸೂಚಕವಾಗಿವೆ.

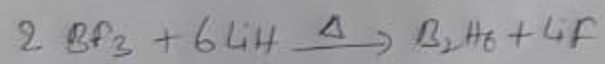
6. ಬೋರ್ಸ್ ಕ್ರಿಯಾಶೀಲತೆಯ ಹೆಚ್ಚಳ.

→ ಸೂಕ್ಷ್ಮವಾಗಿ ಅಧ್ಯಯನ ಮಾಡಿ 4ನೇ ಶತಮಾನದಿಂದ ಈ
ಶತಮಾನದವರೆಗೆ ಅಧ್ಯಯನ ಮಾಡಿದ ಮೂಲಕದ ಈ
ಮೂಲಕದ ಉತ್ಪನ್ನವು ಸೂಚಕವಾಗಿವೆ. ಸೂತ್ರಗಳನ್ನು ಸೂಚಕವಾಗಿವೆ.



* B_2O_3 [ಬೋರ್ಸ್ (2, 3, 4)] ಗೆ 11 + 11 ಎಲೆಕ್ಟ್ರಾನ್‌ಗಳು ಸೇರಿವೆ.
 B_2H_6 ಸೂತ್ರಗಳನ್ನು.

B_2H_6 ಸೂತ್ರಗಳನ್ನು.

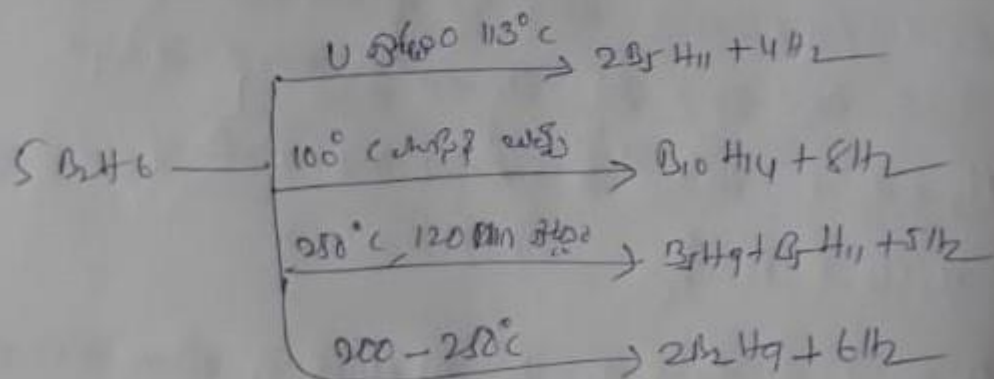
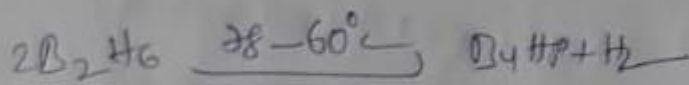


ප්‍රී භෂ්‍ය ක්‍රියා:

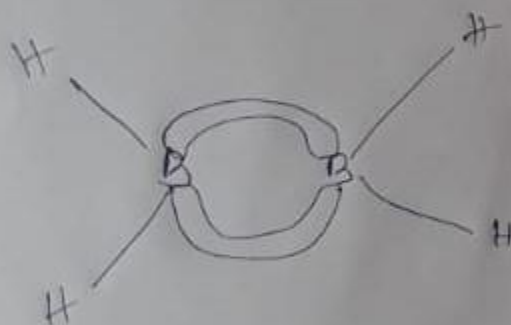
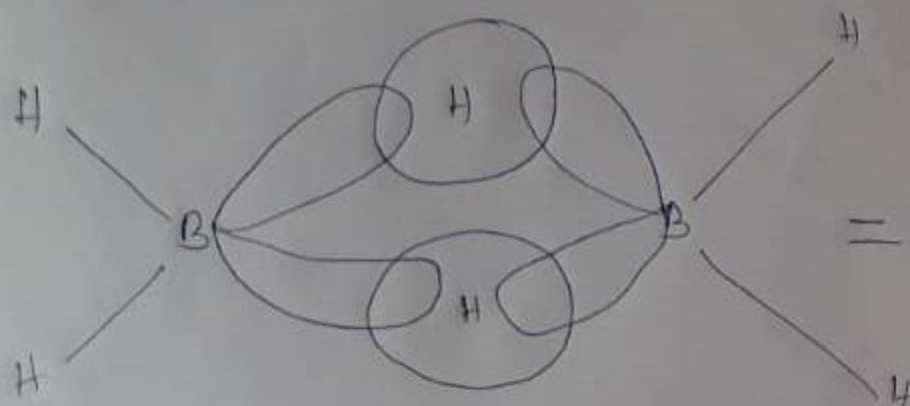
x මූලික වායු මට්ටම වායුව. නිසි භෂ්‍ය මට්ටම. මුළු
විෂය නිසි වායුව මට්ටම මුළු -165°C
නිසි භෂ්‍ය මට්ටම -93°C මට්ටම.

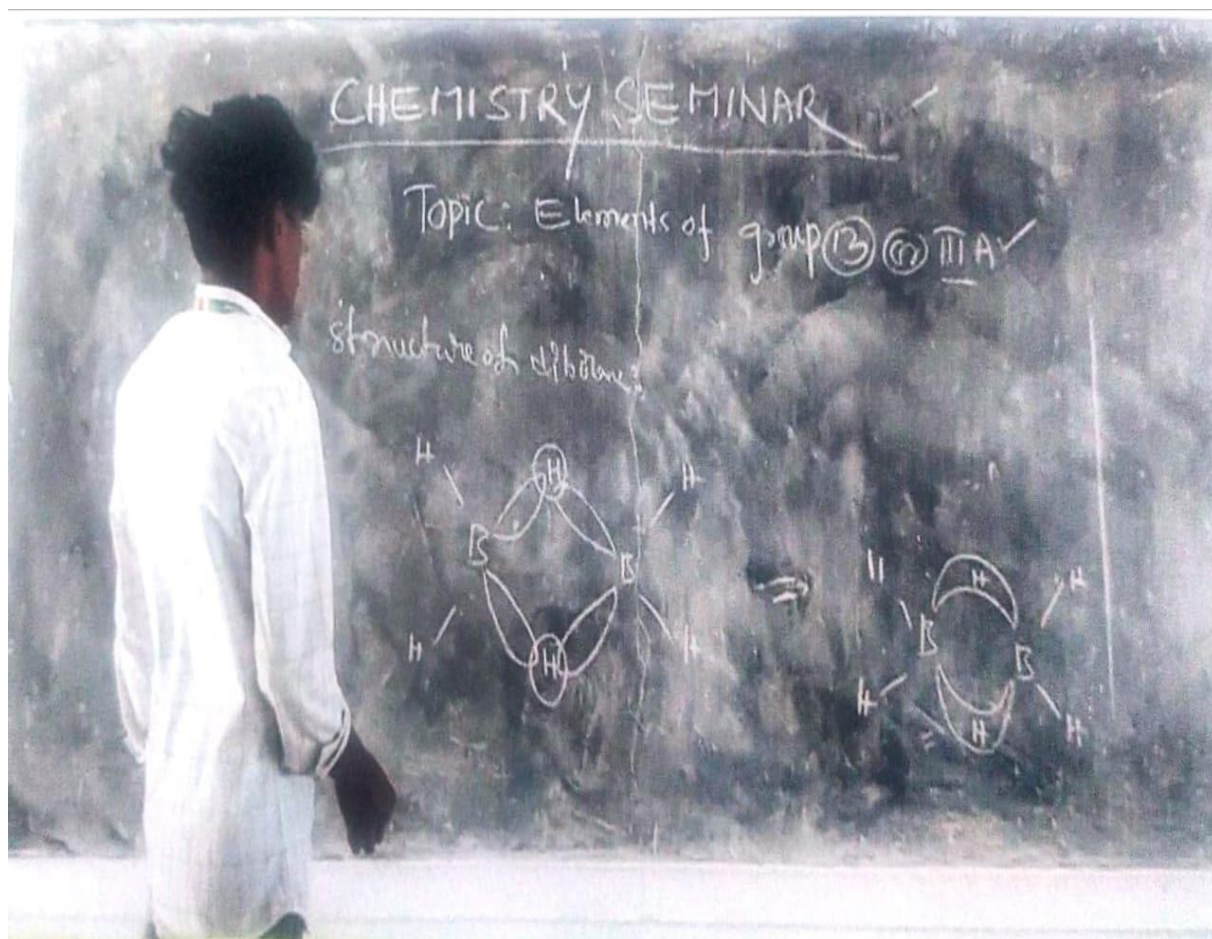
මූලික වායු:

මූලික වායු, මූලික වායු මට්ටම මූලික වායු මට්ටම
මූලික වායු මට්ටම මූලික වායු මට්ටම
මූලික වායු මට්ටම



2. 2023 3080111





1. Are group 13 elements a part of p block elements?
- a) Yes
 - b) No
 - c) Only a few
 - d) Only one

Answer: a

2. Which of the following group's elements have smaller atomic radii?

- a) Group 1 elements
- b) Group 2 elements
- c) Group 13 elements
- d) All have the same atomic radii

Answer:c

3. The atomic radius of gallium is greater than that of aluminum.

- a) True
- b) False

Answer:b

4. Gallium remains liquid up to _____ Kelvin.

- a) 2176
- b) 2376
- c) 2476
- d) 2276

Answer: d

5. The ionization enthalpy _____ down the group in the family.

- a) Increases
- b) Decreases
- c) Constant
- d) Is a regular

View Answer

Answer: d

6. Inert pair affect _____ down the group.

- a) Increases
- b) Decreases
- c) Constant
- d) Is a regul

Answer: a

7. Which of the following element exhibits + 3 Oxidation State only?

- a) Gallium
- b) Thallium
- c) Indium
- d) Aluminium

Answer:d

8. Which of the following is true regarding reducing character?

- a) Gallium < aluminium > indium > thallium
- b) Aluminium > gallium > indium > thallium
- c) Aluminium > gallium < indium > thallium
- d) Gallium > aluminium > indium > thallium

Answer: b

9. Complex formation is more likely to be possible in _____

- a) alkali metals
- b) alkaline earth metals
- c) boron family
- d) equally likely

Answer: c

10. The compounds formed by the Boron family are _____

- a) ionic
- b) covalent
- c) both ionic and covalent
- d) neither ionic nor covalent

Answer:c

FEED BACK Student Seminar –II B.Sc

1.Is the seminar useful for you

- a) Yes
- b) No

2.How was the student present Presentation

- a)Good
- b) Better
- C)Excellent

3.Did the event meet your expectation

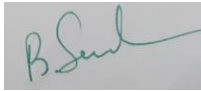
- a) yes
- b) No

4.Is the content clear by the presenter

- a) Yes
- b) No

5.Did you enjoyed the seminar or felt bored

- a) Enjoyed
- b) Bored



B.SURENDRA

Lecturer in Chemistry

GOVERNMENT DEGREE COLLEGE

RAMPACHODAVARAM

DEPARTMENT OF CHEMISTRY

STUDENT SEMINARS

FOR 2020-21

RAMPACHODAVARAM
DEPARTMENT OF COLLEGE
2020-2021 SEMINARS

S.NO	DATE	SEMESTER	Name of the Student	SEMINAR TOPIC
01	04-01-2020	III	M.Saraswathi	Preparation of alkyl halides
02	10-01-2020	V	Vanjam Durga Rao	Carbohydrates
03	26-02-2020	I	K.K.Bhavani	Preparation of Di boranes
04	12-09-2020	II	M.Lavanya	Preparation of Alkanes
05	09-11-2020	IV	K.Hema Maheswari	Kolhrausch law and applications
06	04-01-2021	VI	Pallala.Narayana Reddy	Green House Effect and Acid Rains

**TO
THE PRINCIPAL,
GOVT.DEGREE COLLEGE,
RAMPACHODAVARAM.**

**RAMPACHODAVARAM,
3-01-2020.**

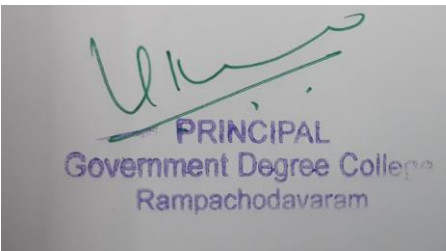
Respected Sir,

SUB: Seeking permission to conduct student seminars for the year 2020-21 Req reg.

I S.Swarna Latha,Lecturer in chemistry,Govt.Degree College, Rampachodavaram, planned to conduct student seminars for the year 2020-21 for I,II,III B.Sc[MPC] classes.

So kindly grant me permission to conduct seminars.

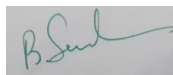
Thanking you sir.



**PRINCIPAL
Government Degree College
Rampachodavaram**

Yours faithfully

B.SURENDRA



REPORT ON STUDENT SEMINARS

*Department of chemistry organized student seminar on 04-01-2020. All the students were participated enthusiastically in the seminar. They were taken up the topic like **PREPARATION of Alkyl halids**. Topic presented by M.Saraswathi studying II B.SC MPC.*



GOVERNMENT DEGREE COLLEGE
RAMPACHODAVARAM

20/07/2016

SEMINAR

Name: M. Saraswathi

IInd B.Sc (MPC)

ಹೈಡ್ರೋಕಾರ್ಬನ್

ಹೈಡ್ರೋಕಾರ್ಬನ್ ಎಂದರೆ ಕಾರ್ಬನ್ ಮತ್ತು ಹೈಡ್ರೋಜನ್ ಅಂಶಗಳಿಂದ
ಉತ್ಪತ್ತಿ ಪಡೆದ ಪದಾರ್ಥವಾಗಿರುತ್ತದೆ ಹಾಗೆಯೇ ಇತರ ಅಂಶಗಳು
ಯಾವುದೇ ರೀತಿಯಲ್ಲಿ ಸೇರಿರುವುದಿಲ್ಲ.

ಇದು ಯಾವುದೇ ಸಾಂದ್ರತೆಯಲ್ಲಿರುತ್ತದೆ C_nH_{2n+2}

ಇದು ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು ಸಾಂದ್ರತೆಯಲ್ಲಿರುತ್ತದೆ C_nH_{2n}

ಹೈಡ್ರೋಕಾರ್ಬನ್	ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತ	ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತ	ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತ
CH_4	$\begin{array}{c} H \\ \\ H-C-H \\ \\ H \end{array}$	ಮೀಥೇನ್	ಮೀಥೇನ್
C_2H_6	CH_3-CH_3	ಎಥೇನ್	ಎಥೇನ್

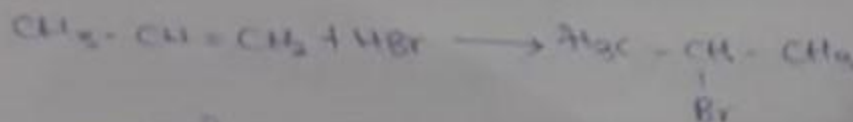
ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು

ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು

ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು

ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು

ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು



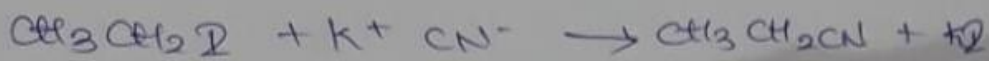
ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು ಹೈಡ್ರೋಕಾರ್ಬನ್ ಸಂಯುಕ್ತವು

ಕೆಲವು ಉದಾಹರಣೆಗಳು :

1. ಪ್ರಾಥಮಿಕ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ (CH) ಕಾರ್ಬಿಡ್ x ಹಾಲ್ಡೇನ್-ಲೀಸಿ
ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಉಪ ಪ್ರಾಥಮಿಕ ಕಾರ್ಬಿಡ್ ಲೀಸಿ
ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಉಪ ಕಾರ್ಬಿಡ್ ಕಾರ್ಬಿಡ್ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ
ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ
2. ಎಲಿಮಿನೇಷನ್ ಕಾರ್ಬಿಡ್

1. ಪ್ರಾಥಮಿಕ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಕಾರ್ಬಿಡ್ :

ಈ ಕಾರ್ಬಿಡ್ ಉಪ ಪ್ರಾಥಮಿಕ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ
ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಉಪ ಪ್ರಾಥಮಿಕ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ
ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ
ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ
ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ



* ದ್ವಿತೀಯ ಹಾಲ್ಡೇನ್ :

ಇದು ಕಾರ್ಬಿಡ್ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ
ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ
ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ
ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ
ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ ಹಾಲ್ಡೇನ್‌ಲೀಸಿ

Q1. What is the order of SN_2 reaction of the alkyl halide?

- (a) $\text{RCI} > \text{RBr} > \text{RF} > \text{RI}$
- (b) $\text{RI} > \text{RBr} > \text{RCI} > \text{RF}$
- (c) $\text{R-F} > \text{R-Cl} > \text{RBr} > \text{RI}$
- (d) $\text{RBr} > \text{RI} > \text{RCI} > \text{RF}$

Answer: (b) The order of SN_2 reaction of the alkyl halide is $\text{RI} > \text{RBr} > \text{RCI} > \text{RF}$.

Explanation: Iodine is a good nucleophile and a good leaving group. Thus, it eliminates easily from an alkyl halide favouring SN_2 elimination reaction.

Q2. Chloroform is used as an

- (a) Antiseptic
- (b) Anaesthetic
- (c) Antipyretic
- (d) None of the above

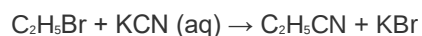
Answer: (b) Chloroform is used as an anaesthetic.

Q3. Methyl chloride reacts with silver acetate to yield

- (a) Acetic acid
- (b) Methyl acetate
- (c) Acetyl chloride
- (d) None of the above

Answer: (b) Methyl chloride reacts with silver acetate to yield methyl acetate.

Q4. The given reaction is an example of?



- (a) Elimination reaction
- (b) Nucleophilic substitution reaction
- (c) Electrophilic substitution reaction
- (d) None of the above

Answer: (c) The given reaction: $C_2H_5Br + KCN (aq) \rightarrow C_2H_5CN + KBr$ is an example of electrophilic substitution reaction.

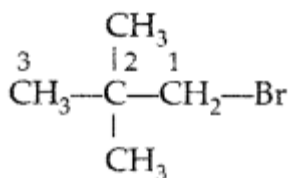
Q5. An alkyl halide can be converted into alcohol by the

- (a) Addition reaction
- (b) Substitution reaction
- (c) Dehydrohalogenation reaction
- (d) None of the above

Answer: (b) An alkyl halide can be converted into alcohol by the substitution reaction.

Q6. Write the IUPAC name of $(CH_3)_3CCH_2Br$.

Answer: The IUPAC name of $(CH_3)_3CCH_2Br$ is 1-Bromo-2, 2-dimethyl propane.



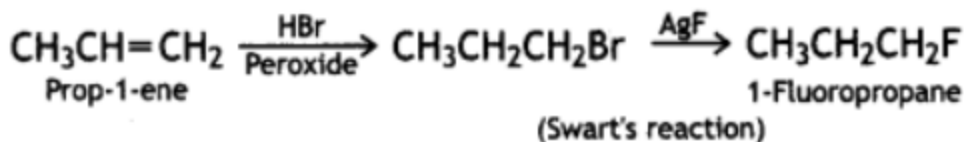
1-Bromo-2, 2-dimethyl propane

Q7. Why do we keep chloroform in the dark coloured bottles?

Answer: We keep chloroform in the dark coloured bottles because it reacts with atmospheric oxygen to produce poisonous phosgene gas.

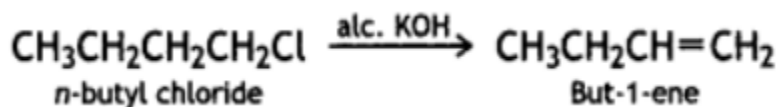
Q8. Convert Prop-1-ene to 1-fluoro propane.

Answer: We can convert Prop-1-ene to 1-fluoro propane by reacting Prop-1-ene with hydrogen bromide in the presence of hydrogen peroxide, followed by the reaction with AgF .



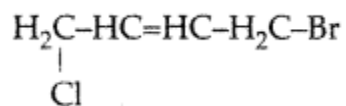
Q9. What happens when n-butyl chloride reacts with alcoholic KOH?

Answer: An elimination reaction takes place when n-butyl chloride reacts with alcoholic KOH to form an unsaturated But-1-ene.



Q10. Draw the structure of 1-Bromo-4-chloro but-2-ene

Answer: The structure of 1-Bromo-4-chloro but-2-ene is mentioned below.



FEED BACK Student Seminar –II B.Sc

1.Is the seminar useful for you

a) Yes b) No

2.How was the student present Presentation

a)Good b) Better C)Excellent

3.Did the event meet your expectation

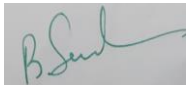
a) yes b) No

4.Is the content clear by the presenter

a) Yes b) No

5.Did you enjoyed the seminar or felt bored

a) Enjoyed b) Bored



B.Surendra

Lecturer in Chemistry

GOVERNMENT DEGREE COLLEGE

RAMPACHODAVARAM

DEPARTMENT OF CHEMISTRY

STUDENT SEMINARS

FOR 2021-22

S.NO	DATE	SEM	NAME OF THE STUDENT	NAME OF THE TOPIC
1	16-2-2022	III	G.Devendra Verma	Sn1&Sn2 Reaction
2	24-2-2022	V	S.V.V.S.Bhavani Prasad Dora	Iso-Electron Point
3	17-2-2022	I	K.Sai teja sri	Preparation Of Di_Boranes
4	16-7-2022	II	K.Krishna Reddy	Colloids
5	17-5-2022	IV	K.K.Bhavani	Hetero Cyclic Compoud
6	8-7-2022	VI	U.Sai DEEPIKA	Air Pollution

GOVERNMENT DEGREE COLLEGE
RAMPACHODAVARAM
DEPARTMENT OF CHEMISTRY

REPORT ON STUDENT SEMINAR-II B.Sc

The Department of Chemistry Conducted a student Seminar for the students of II B.Sc mpc Students on 17-5-2022. The topic of the Seminar was Hetero Cyclic Compounds".

Majority of the students from I B.Sc II B.Sc III B.Sc attend the Seminar. The topic was enlightened and informative to the students. Few Students have asked questions related to the topic. After the completion of seminar feedback was also collected from the students.

TO
THE PRINCIPAL,
GOVT.DEGREE COLLEGE,
RAMPACHODAVARAM.

RAMPACHODAVARAM,
01-08-2017.

Respected Sir,

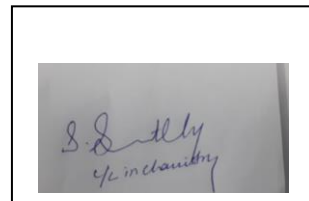
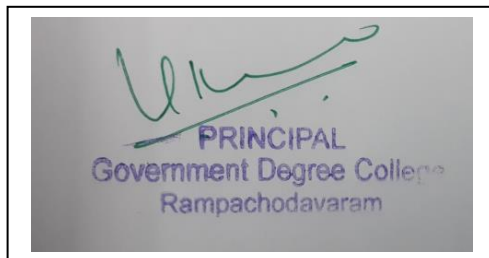
SUB: Seeking permission to conduct student seminars for the year 2017-18 Req reg.

I S.Swarna Latha,Lecturer in chemistry,Govt.Degree College, Rampachodavaram, planned to conduct student seminars for the year 2017-18 for I,II,III B.Sc[MPC] classes.

So kindly grant me permission to conduct seminars.

Thanking you sir.

Yours faithfully



S. Swarna Latha

REPORT ON STUDENT SEMINARS

Department of chemistry organized student seminar on 17-5-2022. All the students were participated enthusiastically in the seminar. They were taken up the topic like Hetro Cyclic Compounds. Topic presented by K.K.Bhavani studying II B.SC MPC.

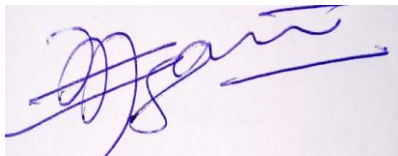
GOVERNMENT DEGREE COLLEGE

RAMPACHODAVARAM

DEPARTMENT OF CHEMISTRY

CIRCULAR

The Department of Chemistry is going to be conduct a student seminar on 17-5-2022.All the students must attend the Seminar in Chemistry Lab Room:17 without fail

A rectangular box containing a handwritten signature in blue ink. The signature is stylized and appears to read 'M. Ganesh'.

M.GANESH

Lecturer in Chemistry

GOVERNMENT DEGREE COLLEGE
RAMPA-CHOUDRAM

IVth SEMESTER

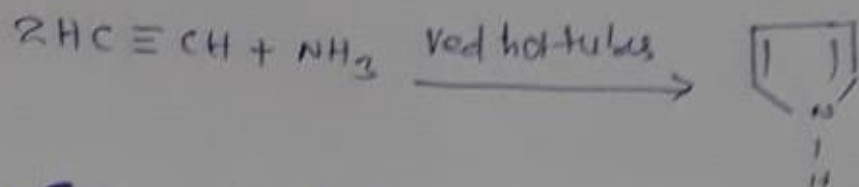
DATE: 17-05-2022

NAME: K.K. BHAVANI

CLASS: IInd B.Sc(MPC)

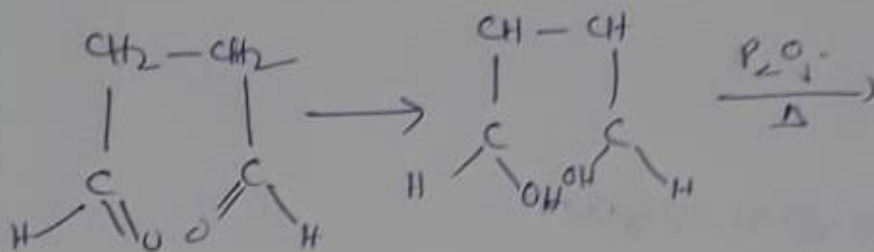
SEMINAR TOPIC: Hetrocyclic compounds
preparation of Furan,

② α -හේල්‌ජිတ်්‌ නිසලය ඉතිරි කර ගන්නා පරිදි පරිවරණය
 වලට පත් කර ගත හැකි වන පරිදි සිදු කළ හැක.



ප්‍රථම නිසලය වන පරිදි.

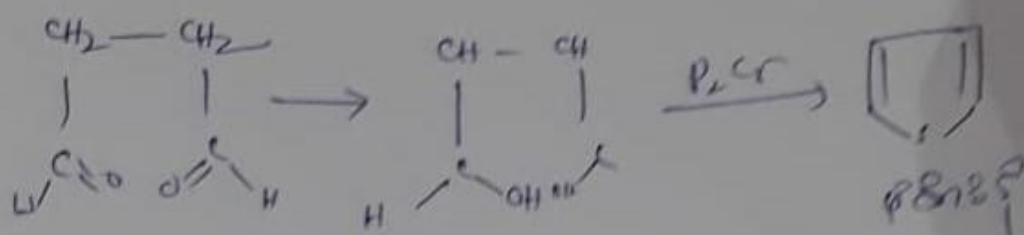
① α -හේල්‌ජිට්‌ජිට්‌ P_2O_5 හි පරිවරණය, ප්‍රථම විය හැක.



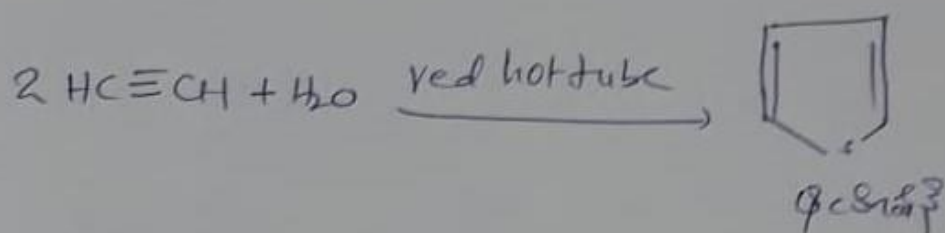
ප්‍රථම

ఫెరిసిన్ తయారు కావడానికి మార్గాలు:

① ఫెరిసిన్ తయారు చేయడానికి పెంటా-2-డియన్ మరియు ఫెరిసిన్
తయారు.

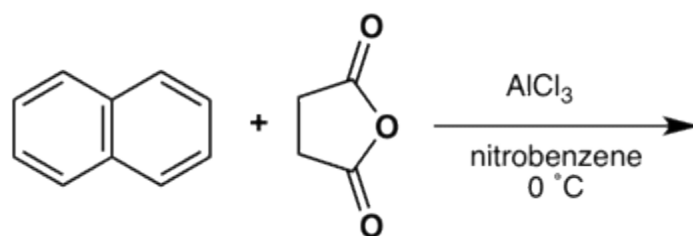


② ఎథిన్ మరియు నీటిని ఎథిన్ నుండి నీటిని
తయారు చేయడానికి ఎథిన్ నుండి నీటిని
తయారు.



Question 1

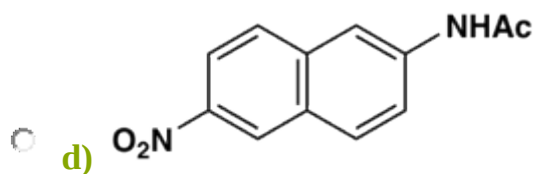
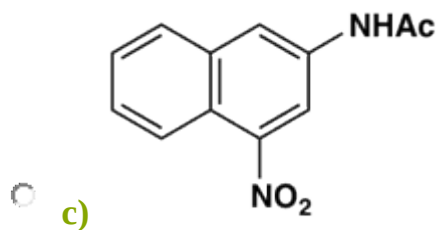
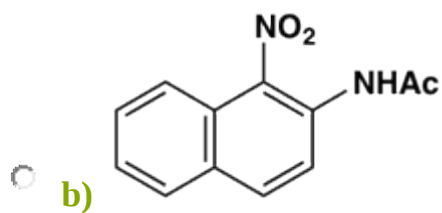
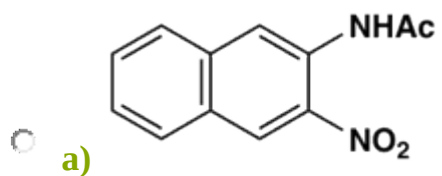
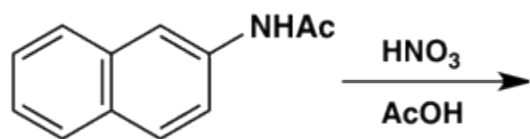
Which is the most probable main product of the following reaction?



- ☐ a)
- ☐ b)
- ☐ c)
- ☐ d)

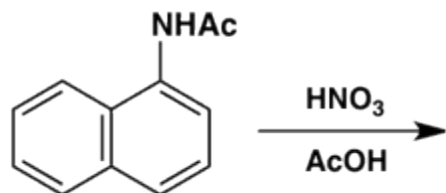
Question 2

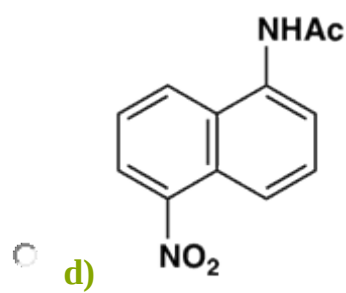
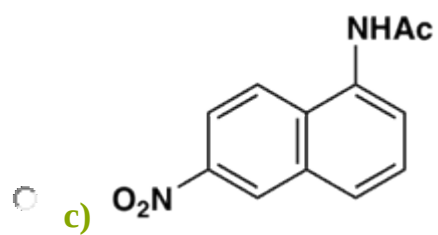
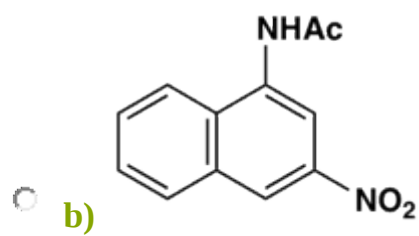
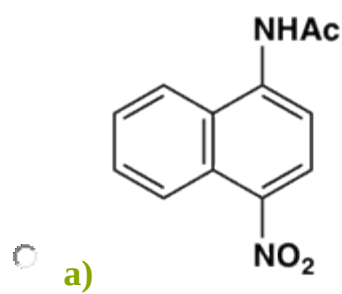
Which is the most probable main product of the following reaction?



Question 3

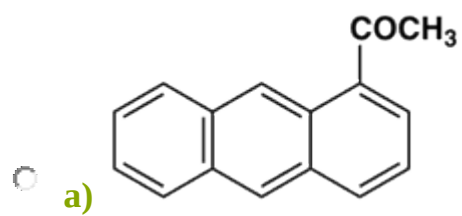
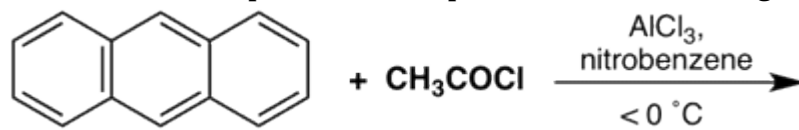
Which is the most probable main product of the following reaction?

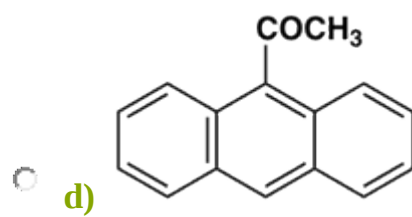
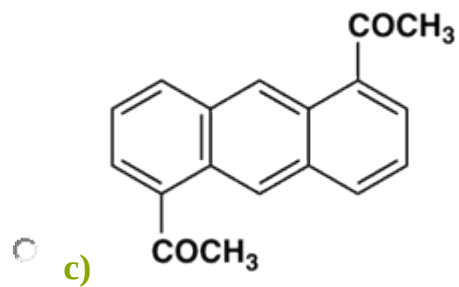
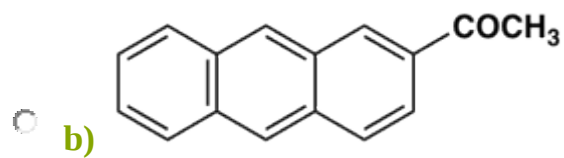




Question 4

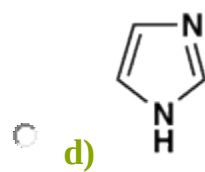
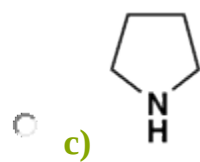
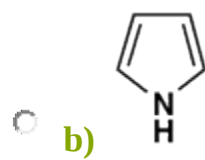
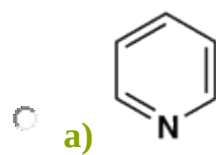
Which is the most probable main product of the following reaction?





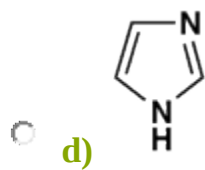
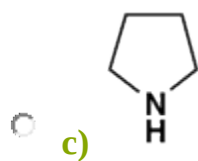
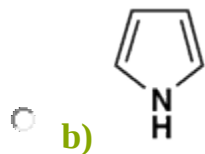
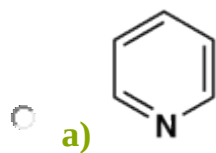
Question 5

Which compound is most basic?



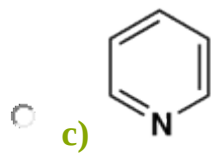
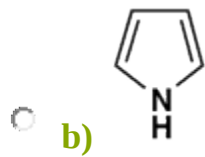
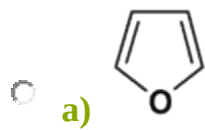
Question 6

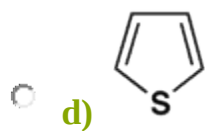
Which compound is least basic?



Question 7

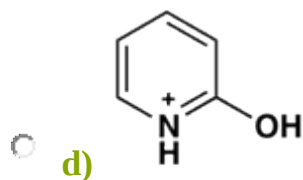
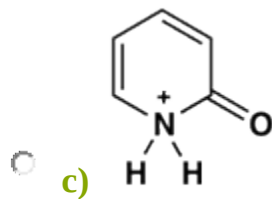
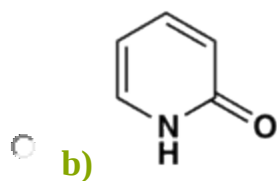
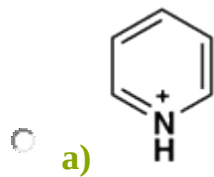
Which is most reactive in electrophilic aromatic substitution?





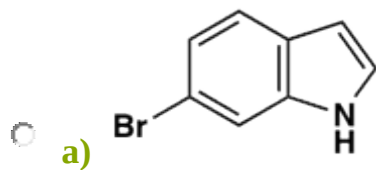
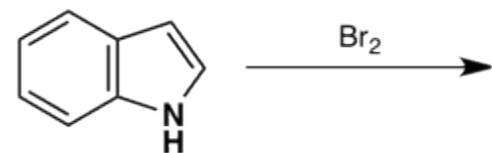
Question 8

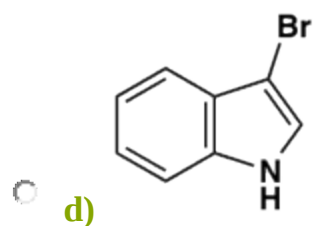
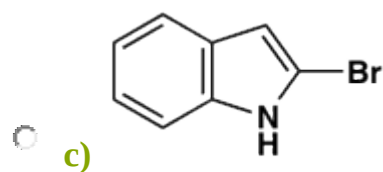
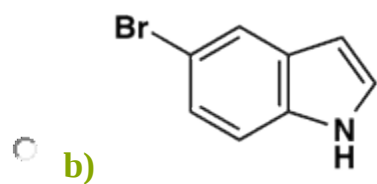
Which of (a)-(d) is **not** aromatic?



Question 9

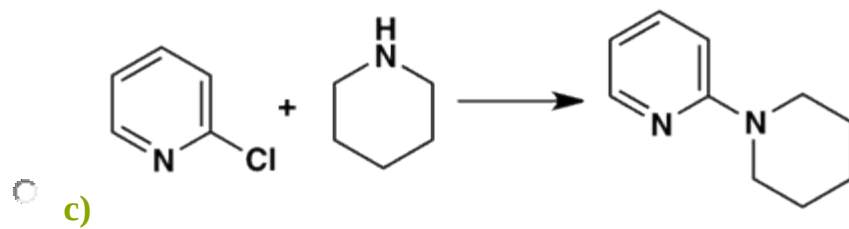
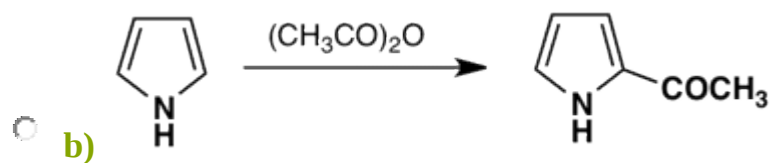
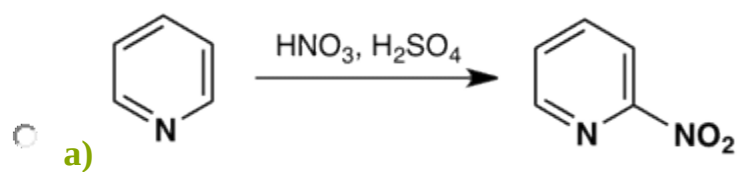
Which is the most probable main product of the following reaction?

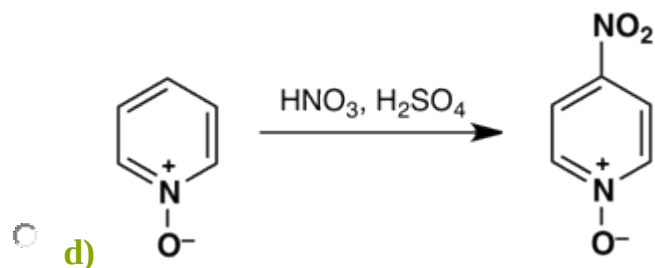




Question 10

Which of the following equations shows an unlikely result?





FEED BACK Student Seminar –II B.Sc

1.Is the seminar useful for you

a) Yes b) No

2.How was the student present Presentation

a)Good b) Better C)Excellent

3.Did the event meet your expectation

a) yes b) No

4.Is the content clear by the presenter

a) Yes b) No

5.Did you enjoyed the seminar or felt bored

a) Enjoyed b) Bored

M.GANESH

Lecturer in Chemistry