



TAMIL NADU OPEN UNIVERSITY

Chennai - 15
School of Sciences
Department of Chemistry

HOME ASSIGNMENT

Programme Code No : 1182
Programme Name : B.Sc. Chemistry [Semester -1]
Course Code & Name : BCHES - 11 & Chemistry - I
Batch : **AY 2021-22 [1st Year]**
No. of Assignments : 2 [One Assignment for each 2 credits]
Maximum CIA Marks : 15 [Average of total no. of Assignments]

ASSIGNMENT-1

Max: 15 Marks

Answer any ONE of the following three questions in 1000 words

- 1) Discuss in details about periodic laws and periodic properties.
- 2) Discuss in details about the classifications of organic compounds based on carbon skeleton.
- 3) Explain about the following effects
 - (i) Inductive effect
 - (ii) Electromeric effect
 - (iii) Resonance Effect

ASSIGNMENT-2

Max: 15 Marks

Answer any ONE of the following three questions in 1000 words

- 1) Discuss in details about the classifications of organic compounds based on functional group.
- 2) Write notes on the IUPAC naming of
 - (i) Alcohols
 - (ii) Phenols
 - (iii) Ketones
- 3) Explain about the IUPAC naming of Alkanes, Alkenes and Alkynes.



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HOME ASSIGNMENT

Programme Code No : 1182

Programme Name : B.Sc. Chemistry [Semester - 1]

Course Code & Name : BZOOSA-11 & Animal Diversity (Ancillary paper - 1)

Batch : **AY 2021-22 [1st Year]**

No. of Assignments : 2 [One Assignment for each 2 credits]

Maximum CIA Marks : 15 [Average of total no. of Assignments]

ASSIGNMENT-1

Max: 15 Marks

Answer any ONE of the following three questions in 1000 words

- 1) Discuss in details about the diversity of Chordates.
- 2) Detail account on external features of Pigeon
- 3) Explain the life cycle of Lamellidens.

ASSIGNMENT-2

Max: 15 Marks

Answer any ONE of the following three questions in 1000 words

- 1) Explain the general characteristics, classification and distributions of Rabbit.
- 2) Explain the general characteristic and classification of Frog.
- 3) Discuss the general characteristics, classification and distributions of Shark.



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HOME ASSIGNMENT

Programme Code No : 1182

Programme Name : B.Sc. Chemistry [Semester - 1]

Course Code & Name : BCAS - 13 & Office Automation (Elective paper)

Batch : **AY 2021-22 [1st Year]**

No. of Assignments : 1 [One Assignment for each 2 credits]

Maximum CIA Marks : 15 [Average of total no. of Assignments]

ASSIGNMENT-1

Max: 15 Marks

Answer any ONE of the following three questions in 1000 words

- 1) Discuss in details about the generations of computer.
- 2) Discuss in details about the page formatting and margin setting in a document.
- 3) How to create a presentation? Discuss about the formatting of presentation.



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Department of Chemistry

HOME ASSIGNMENT

Programme Code No : 1182

Programme Name : B.Sc. Chemistry [Semester - 2]

Course Code & Name : BCHES - 21 & Chemistry - II

Batch : **AY 2021-22 [1st Year]**

No. of Assignments : 2 [One Assignment for each 2 credits]

Maximum CIA Marks : 15 [Average of total no. of Assignments]

ASSIGNMENT-1

Max: 15 Marks

Answer any ONE of the following three questions in 1000 words

- 1) Discuss in details about types and significances of Quantum numbers.
- 2) Describe the chemistry of E1 and E2 elimination reactions.
- 3) Explain about the classifications of Fertilizers.

ASSIGNMENT-2

Max: 15 Marks

Answer any ONE of the following three questions in 1000 words

- 1) Discuss in details about the types of Hybridization.
- 2) Write notes on the following reactions with examples.
 - (i) Chugaev Reaction
 - (ii) Cope Elimination
 - (iii) Hofmaan Degradation
- 3) Explain about the stability of Carbocations, Carbanions and Radicals.



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Department of Chemistry

HOME ASSIGNMENT

Programme Code No : 1182

Programme Name : B.Sc. Chemistry [Semester - 2]

Course Code & Name : BZOOSA-22 & Economic Zoology (Ancillary paper - 2)

Batch : **AY 2021-22 [1st Year]**

No. of Assignments : 2 [One Assignment for each 2 credits]

Maximum CIA Marks : 15 [Average of total no. of Assignments]

ASSIGNMENT-1

Max: 15 Marks

Answer any ONE of the following three questions in 1000 words

- 1) Explain in detail about the beneficial and harmful insects.
- 2) Comment on the following
 - a) Pest of rice
 - b) Pest of sugarcane
 - c) Pest of oil seed
- 3) Explain briefly about the disease management in poultry forms

ASSIGNMENT-2

Max: 15 Marks

Answer any ONE of the following three questions in 1000 words

- 1) Describe about the prawn culture.
- 2) Explain briefly about the apiculture and development of apiary in India.
- 3) Discuss about the various types of honey bees and its beneficial products.
