

**FOURTH SEMESTER M.Sc. DEGREE (REGULAR) EXAMINATION  
MARCH 2021****(CBCSS)****Clinical Psychology****CPY 4E 07—COMMUNITY AND CONSULTING PSYCHOLOGY****(2019 Admissions)****Time : Three Hours****Maximum : 30 Weightage****General Instructions**

1. *In cases where choices are provided, students can attend all questions in each section.*
2. *The minimum number of questions to be attended from the Section/Part shall remain the same.*
3. *There will be an overall ceiling for each Section/Part that is equivalent to the maximum weightage of the Section/Part.*

**Section A**

*Answer any eight questions.  
Each question carries 1 weightage.*

1. Individual consultation.
2. Core values.
3. Organizational analysis.
4. Primary prevention.
5. Community empowerment.
6. Community mental health.
7. HIV/AIDS.
8. Substance abuse.
9. Qualitative research.
10. Social change.
11. Case studies.
12. Research design.

**(8 × 1 = 8 weightage)****Turn over**

**Section B**

*Answer any four questions.  
Each question carries 3 weightage.*

13. Models of consultation.
14. Core values of community psychology.
15. Prevention and promotion programmes in community settings.
16. Models of community change programmes.
17. Community issues of lesbians, gay and bisexuals.
18. Unemployment as a special issue of community psychology.
19. Aims of consulting and community psychology research.

(4 × 3 = 12 weightage)

**Section C**

*Answer any two questions.  
Each question carries 5 weightage.*

20. Briefly describe the theories of community psychology ?
21. Discuss the key concepts, effectiveness and evaluation of prevention and promotion in community settings ?
22. Give an account on ethical standards in consulting and community psychology ?
23. Discuss the values, assumptions and levels of community psychology research ?

(2 × 5 = 10 weightage)

**FOURTH SEMESTER M.Sc. DEGREE (REGULAR) EXAMINATION  
MARCH 2021**

(CBCSS)

Clinical Psychology

CPY 4E 06—REHABILITATION PSYCHOLOGY

(2019 Admissions)

Time : Three Hours

Maximum : 30 Weightage

**General Instructions**

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**Section A**

*Answer any eight questions.  
Each question carries 1 weightage.*

1. Disability certificate.
2. Impairment.
3. Probability sampling method.
4. Disability rehabilitation.
5. Mental Retardation.
6. National Trust Act.
7. Institutional care.
8. Vocational training.
9. Psychotherapy.
10. Empathy.
11. Supportive therapy.
12. Individual counselling.

(8 × 1 = 8 weightage)

**Turn over**

**Section B**

*Answer any four questions.*

*Each question carries 3 weightage.*

13. Importance of assessment in rehabilitation.
14. Needs and problems of care givers.
15. Needs of paediatric rehabilitation.
16. Neuropsychological rehabilitation.
17. Important provisions of RCI Act.
18. Biological model of rehabilitation.
19. Basic principles of psychological intervention.

(4 × 3 = 12 weightage)

**Section C**

*Answer any two questions.*

*Each question carries 5 weightage.*

20. Define and discuss the historical perspectives of Rehabilitation Psychology.
21. Give an account of the government policies and schemes for persons with disabilities ?
22. Elucidate the role of parents and family in disability rehabilitation.
23. Describe the basic concepts and techniques of client centered therapy.

(2 × 5 = 10 weightage)

**FOURTH SEMESTER M.Sc. DEGREE (REGULAR) EXAMINATION  
MARCH 2021**

(CBCSS)

Clinical Psychology

CPY 4E 05—FORENSIC CLINICAL PSYCHOLOGY

(2019 Admissions)

Time : Three Hours

Maximum : 30 Weightage

**General Instructions**

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**Section A**

*Answer any eight questions.*

*Each question carries 1 weightage.*

1. Habitual offenders.
2. Criminology.
3. Intellectual disability.
4. Antisocial personality.
5. Fire setters.
6. Drug peddlers.
7. Sexual assaults.
8. Psychopathology.
9. Women offenders.
10. Anti-psychotics.
11. Imprisonment.
12. Rehabilitation.

(8 × 1 = 8 weightage)

**Turn over**

**Section B**

*Answer any four questions.*

*Each question carries 3 weightage.*

13. Relation between crime and psychopathology.
14. Sexual offenders.
15. Offenders with personality disorders.
16. Developmental disabilities.
17. Aggressive replacement training.
18. Strategies to motivate offenders to change.
19. Aggression control techniques.

(4 × 3 = 12 weightage)

**Section C**

*Answer any two questions.*

*Each question carries 5 weightage.*

20. Describe the evidence, evaluation and evolution of social problem solving and offending.
21. Give an account on the assessment and classification of offenders.
22. Discuss the treatment strategies used for different types of offenders.
23. Briefly describe the relaxation techniques used as offending behavior programmes.

(2 × 5 = 10 weightage)

**FOURTH SEMESTER M.Sc. DEGREE (REGULAR) EXAMINATION  
MARCH 2021**

(CBCSS)

Clinical Psychology

CPY 4E 03—CLINICAL NEUROPSYCHOLOGY

(2019 Admissions)

Time : Three Hours

Maximum : 30 Weightage

**General Instructions**

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**Section A**

*Answer any eight questions.  
Each question carries 1 weightage.*

1. Introspection.
2. Conceptual analysis.
3. Agraphia.
4. Acalculia.
5. Right-left disorientation.
6. Amnesia.
7. Disconnection syndrome.
8. Radiological imaging.
9. Sensory-motor impairment.
10. Intelligence tests.
11. Basal ganglia.
12. Limbic system.

(8 × 1 = 8 weightage)

**Turn over**

**Section B**

*Answer any four questions.*

*Each question carries 3 weightage.*

13. The Black Box approach.
14. Relevance of electro-psychological studies in Neuropsychology.
15. Classification and examination of aphasia.
16. Behavioural correlates of finger agnosia.
17. Testing in neglect and related disorders.
18. Experimental verification of disconnection effects.
19. Assessment of cognitive abilities.

(4 × 3 = 12 weightage)

**Section C**

*Answer any two questions.*

*Each question carries 5 weightage.*

20. Explain the syndromes, assessment and treatment of alexia.
21. Discuss the neuropathology, testing and treatment of apraxia.
22. Elucidate the disconnection syndromes and its behavioural effects.
23. Discuss the objectives and approaches of neurological assessment.

(2 × 5 = 10 weightage)



**FOURTH SEMESTER M.Sc. DEGREE (REGULAR) EXAMINATION  
MARCH 2021**

(CBCSS)

Clinical Psychology

CPY 4CO 17—CURRENT TRENDS IN PSYCHOLOGY

(2019 Admissions)

Time : Three Hours

Maximum : 30 Weightage

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**Section A**

*Answer any eight questions.*

*Each question carries 1 weightage.*

1. Mental health.
2. Types of pollution.
3. Feminism.
4. Ethology.
5. Personality.
6. Terrorism.
7. Artificial intelligence.
8. Global warming.
9. Psychological abuse.
10. Family size.
11. Eco-tourism.
12. Cognitive Psychology.

(8 × 1 = 8 weightage)

**Turn over**

**Section B**

*Answer any four questions.*

*Each question carries 3 weightage.*

13. Influence of climate on human behavior.
14. Impact of natural catastrophies on environment.
15. Ecological perspectives of population.
16. Relevance of feminism in the present scenario.
17. Impact of war as political behavior.
18. Principles of cognitive psychology.
19. Computer assisted decision making.

(4 × 3 = 12 weightage)

**Section C**

*Answer any two questions.*

*Each question carries 5 weightage.*

20. Discuss the legal focus on abuse and victimization along with intervention strategies ?
21. Elucidate the causes, consequences and preventive measures of female infanticide ?
22. Describe the nature, scope and development of political behavior ?
23. What is meant by Information Technology ? Discuss the applications of computer based information system in Psychology ?

(2 × 5 = 10 weightage)

**FOURTH SEMESTER M.Sc. DEGREE (REGULAR) EXAMINATION  
MARCH 2021**

(CBCSS)

Clinical Psychology

CHE 4E 06—NATURAL PRODUCTS AND POLYMER CHEMISTRY

(2019 Admissions)

Time : Three Hours

Maximum : 30 Weightage

**General Instructions**

1. *In cases where choices are provided, students can attend all questions in each section.*
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**Section A**

*Answer any eight questions.*

*Each question carries a weightage of 1.*

1. What are the major classes of natural products? Write an example of each along with its structure.
2. What is the basic cyclic structure of steroids? How was this established?
3. Explain the structural difference between flavones and isoflavone.
4. With examples, show what are dyes and what are pigments.
5. Explain the term "molecular weight distribution" of polymers. Which methods are used to determine this?
6. Explain the application of GPC in polymer characterisation.
7. What are polyacetals? How are these made?
8. Write the structure of polythiophene. How is this made and what is its use?
9. Which monomers are used to prepare fluorine containing polymers? What are the uses of the latter?
10. Explain the structure and the significance of arachidonic acid in natural products chemistry.

(8 × 1 = 8 weightage)

**Turn over**

**Section B**

*Answer any six questions.*

*Each question carries a weightage of 2.*

11. Write a note on the isolation and constituents of lemon grass oil.
12. Explain the steps involved in the chemical conversion of cholesterol to testosterone.
13. Illustrate, with piperidine as an example, the use of Hofmann degradation method in alkaloid structure determination.
14. What are phthalocyanins and how are these prepared ?
15. Discuss the mechanism and kinetic aspects of step-growth polymerisation.
16. Describe the types and structural aspects of chiral polymers.
17. Discuss the Florey-Higgins equation and its application in the study of polymers.
18. With examples, illustrate the use of polymeric reagents in organic synthesis.

(6 × 2 = 12 weightage)

**Section C**

*Answer any two questions.*

*Each question carries a weight of 5.*

19. Write short notes on (a) Isolation and constituents of sandalwood oil ; and (b) Terpene biosynthesis.
20. Discuss in brief the structure elucidation of quinine.
21. Describe the methods by which molecular weights of polymers are determined.
22. Write a detailed account of copolymerisation with attention to copolymerisation equation, mechanism and methods.

(2 × 5 = 10 weightage)