

## CHOICE BASED CREDIT SYSTEM

M.Sc. SECOND SEMESTER DEGREE EXAMINATION AUGUST 2022

P.G. PSYCHOLOGY

Physiological Psychology

Duration:3 Hours

Max Marks:70

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**I. Answer any SIX of the following :** (6×2= 12)

- a) Node of Ranvier
- b) Chargaff rule
- c) Biofeedback technique
- d) Down's syndrome
- e) Difference between Normal Waking Consciousness and Altered States of Consciousness.
- f) Mention the steps of Genetic Engineering.
- g) Neuroanatomical methods
- h) Synaptic Cleft

**II. Answer any TWO of the following :** (2×8= 16)

- 2. Elucidate the brain mechanisms of Thirst.
- 3. Explain the role of hippocampus in human memory.
- 4. What is Eugenics? Explain the role of psychology in development of Eugenics.

**III. Answer the following questions :** (3×14= 42)

- 5 a) Describe the structure and functions of Human brain.

(OR)

- b) Elucidate the Mendalian Principles with suitable examples.

- 6 a) Elucidate various Neurochemical methods to study brain behaviour relationship.

(OR)

- b) Examine the role of left and right hemisphere in language.

- 7 a) Examine the structural & electrical correlates during sleep.

(OR)

- b) Elucidate various Neuroimaging methods to study brain behaviour relationship.

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## CHOICE BASED CREDIT SYSTEM

M.Sc. SECOND SEMESTER DEGREE EXAMINATION AUGUST 2022

P.G. PSYCHOLOGY

Educational Psychology

Duration:3 Hours

Max Marks:70

**I. Answer any SIX of the following :****(6×2= 12)**

- a) State the meaning of Focus Groups.
- b) What is Dysgraphia?
- c) State what is a Fixed Mindset.
- d) Expand WBI and cite the meaning of WBI.
- e) What is Internet Addiction?
- f) What is Gender Development?
- g) State any four factors affecting Academic Performance.
- h) State the meaning of Accomodation using a suitable example.

**II. Answer any TWO of the following :****(2×8= 16)**

2. Explain the barriers of teaching children with Autism.
3. Describe the elements of QAIT Model.
4. Critically evaluate Kohlberg's theory.

**III. Answer the following questions :****(3×14= 42)**

- 5 a) Analyse the contributions of various theorists to the development of Education Psychology.

(OR)

- b) Examine the social and psychological consequence of Labelling.

- 6 a) Describe the techniques used to maintain and increase adaptive behaviour.

(OR)

- b) Examine the technical issues in Assessments.

- 7 a) Elaborate the steps in counselling parents of HIV and AIDS infected Children.

(OR)

- b) Examine the need for counselling for Pre-school and Elementary school students.

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## CHOICE BASED CREDIT SYSTEM

M.Sc. SECOND SEMESTER DEGREE EXAMINATION AUGUST 2022

P.G. PSYCHOLOGY

Psychological Testing

Duration:3 Hours

Max Marks:70

**I. Answer any SIX of the following :****(6×2= 12)**

- a) List out the Classical Measurement Methods used in psychological testing.
- b) Define Item Discrimination.
- c) List out different types of norms.
- d) Why is Cronbach's alpha preferred in split half reliability?
- e) Explain Predictive Validity.
- f) What is Item Analysis?
- g) Define Validity.
- h) Compare KR20 and KR21 method for finding reliability.

**II. Answer any TWO of the following :****(2×8= 16)**

2. Restate the purposes of Experimental Try-out in Psychological and Educational settings as mentioned by Conrad.
3. Examine Reliability and Validity in a heterogeneous test.
4. Describe the steps in developing norms.

**III. Answer the following questions :****(3×14= 42)**

- 5 a) Analyse the similarities and differences between Psychological Tests. Discuss the nature of Psychological Tests emphasising its characteristics, principles and assumptions.

(OR)

- b) Describe the steps in Test Construction.

- 6 a) What are Response Sets? Describe in detail different types of response sets.

(OR)

- b) Explain in detail Co-efficient Alpha and reliability of different score. Discuss standard error of measurement.

- 7 a) Describe in detail, the factors affecting Validity.

(OR)

- b) Compare the methods of Psychological Assessment, based on its intended areas of measure and analyse the relatedness among them.

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## CHOICE BASED CREDIT SYSTEM

M.Sc. SECOND SEMESTER DEGREE EXAMINATION AUGUST 2022

P.G. PSYCHOLOGY

POSITIVE PSYCHOLOGY

Duration:3 Hours

Max Marks:70

**I. Answer any SIX of the following :****(6×2= 12)**

- a) What is Direct Effect Hypothesis?
- b) Write any four factors of happiness.
- c) What are the ways of creating flow?
- d) Define Gratitude.
- e) Is positive relationships important? Comment.
- f) Define Character Strengths.
- g) Write the meaning of Positive Psychology.
- h) What is Spirituality?

**II. Answer any TWO of the following :****(2×8= 16)**

2. How will you help a School to establish Positive Schooling?
3. Give the research evidences that positive emotions reduce the impact of negative emotions.
4. What is Mindfulness? List the attributes of Mindfulness.

**III. Answer the following questions :****(3×14= 42)**

- 5 a) Summarize the contribution made by the Western perspective in Positive Psychology.

(OR)

- b) Discuss happiness across the life span and the gender differences in happiness.

- 6 a) Discuss different types of formal and informal mindfulness meditations.

(OR)

- b) What is wisdom? Discuss different theories of wisdom.

- 7 a) Write a detailed account on positive community and positive youth development.

(OR)

- b) Describe the role of empathy and altruism in our society.

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19MPSYE215

Reg No : .....

CHOICE BASED CREDIT SYSTEM

M.Sc. SECOND SEMESTER DEGREE EXAMINATION AUGUST 2022

P.G. PSYCHOLOGY

SOCIAL PSYCHOLOGY

Duration:3 Hours

Max Marks:70

I. Answer any SIX of the following :

(6×2= 12 )

- a) Define Social Neuroscience.
- b) Explain the meaning of Anchoring and Adjustment Heuristics.
- c) What is Self- Control?
- d) Describe Subgrouping and Subtyping.
- e) Define Social Influence.
- f) Explain the Priming Effect on Schema.
- g) What is Emotional Self?
- h) Define Conflict.

II. Answer any TWO of the following :

(2×8= 16)

2. Describe Self- Serving Bias.
3. Bring out the influence of Affects on Thoughts.
4. Describe Helping Behaviour in terms of Altruism and Egoism.

III. Answer the following questions :

(3×14= 42)

- 5 a) Describe how Personal Attitudes and Positions shape Behaviour.

(OR)

- b) Critically examine the dimensions of Causal Attribution Theory.

- 6 a) How can self-concept be developed?

(OR)

- b) Define Peace. Examine the factors that help in Peacemaking.

- 7 a) Critically analyse the impact of Schema on Social Cognition.

(OR)

- b) Highlight on the features of Self Presentation.

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19MPSYH401

Reg No : .....

**CHOICE BASED CREDIT SYSTEM**  
**M.Sc. FOURTH SEMESTER DEGREE EXAMINATION AUGUST 2022**  
**P.G. PSYCHOLOGY**  
**AREAS OF COUNSELLING**

Duration:3 Hours

Max Marks:70

**I. Answer any SIX of the following :** **(6×2= 12)**

- a) State the steps undertaken in Cognitive Behavioural Couple Therapy.
- b) Mention the symptoms of drug addiction.
- c) What is disenfranchised grief?
- d) What is menopause?
- e) Mention the importance of Career in the growth and development of an individual.
- f) State the aims of HIV Counselling.
- g) What is physical abuse?
- h). Mention the benefits of Journaling.

**II. Answer any TWO of the following :** **(2×8= 16)**

2. Describe the challenges of career counselling.
3. Elaborate on the stages of alcoholism.
4. Provide a constructive outline to manage conflict between family and culture.

**III. Answer the following questions :** **(3×14= 42)**

- 5 a) Outline the Practical Application of Intimate Relationship in pre-marital counselling.

(OR)

b) Media exposure influence the acts of violence in youth, justify. Explain the need for counselling in the correction system.

- 6 a) Justify the need for counselling the caregiver of an elderly person.

(OR)

b) Assess the steps included in abortion counselling.

- 7 a) Illustrate the theories of Career Development.

(OR)

b) Critically examine the therapeutic approaches of terminally ill.

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## CHOICE BASED CREDIT SYSTEM

M.Sc. FOURTH SEMESTER DEGREE EXAMINATION AUGUST 2022

P.G. PSYCHOLOGY

PSYCHOPATHOLOGY - II

Duration:3 Hours

Max Marks:70

**I. Answer any SIX of the following :** (6×2= 12)

- a) Mention the functional consequences of Opioid Use disorder.
- b) Mention the Differential Diagnosis for Childhood disintegrative disorder.
- c) State any psychological causes for rumination disorder in children.
- d) State any two criteria for persistent depressive disorder.
- e) What is phonological awareness?
- f) List the characteristics of speech - sound disorders.
- g) State any four signs and symptoms of Alcohol Withdrawal.
- h) Identify any two psychological causes of Conduct Disorder

**II. Answer any TWO of the following :** (2×8= 16)

2. Meena is a 3 years 6 months old girl child. When Meena was about one, her parents started noticing that she appeared distant from her parents. She not only appeared to be in her own world, but she was not developing the same as her sister, She would rock; play with the same toys; repeat words again and again. She is sensitive to the camera, and does not respond when calling her name. Identify the disorder and Explain the techniques to improve social skills.
3. Explain the prognostic factors of Major Depressive Disorder.
4. Enumerate the common co-occurring conditions with Tic disorders.

**III. Answer the following questions :** (3×14= 42)

- 5 a) Develop a psychoeducation module for college students on Alcohol Use Disorder.

(OR)

- b) Enumerate the classification and causes of Intellectual Disability.
- 6 a) Abhi, a healthy and thriving boy aged 8 years, had never been able to achieve complete night time dryness since being potty trained at age 3 years. The boy mentioned that he occasionally recalled experiencing a dry night or two, but it had not been sequential or predictable. The child was highly motivated to stop his

bedwetting before his trip. To date, the only treatment modality tried was stopping beverages after suppertime. The boy's parents reported that he was a scant drinker of beverages during the daytime, with the majority of his fluid intake occurring right after he arrives home from school at 4:00 p.m. Abhi was also an infrequent daytime voider and reported going to the restroom only once a day during school hours. He tended to have constipation, producing one to two painful bowel movements per week. The boy's father was also was a shy and bedwetter until age 7 years. The boy is reluctant to attend social settings and his academic performance has decreased. He is under medication for his bladder condition. A) Explain the Clinical and associated features for this condition. B) How do you educate the parents on this condition before starting with intervention.

(OR)

b) Mary, age 7, the behavior was also coupled with increasingly defiant behavior at home and frequent temper tantrums. When asked about recent stressors, the patient's mother revealed that her husband was geographically separated from them and the patient's controlling and defiant behavior started soon after her father moved to another state. One month after starting preschool, Mary began to demonstrate her withholding behavior. Arguments with the patient's mother would frequently escalate to a temper tantrum in which the patient would throw her toys. She was a very verbal child who had many friends in the neighbourhood and at school. The patient's mother denied any separation problems when the patient was dropped off at school each day. Mary's mother reported that she was inconsistent in responding to Mary's wishes. A) Bring out the two psychological theories to explain the causal factors using a theoretical perspective. B) Hypothetically design therapeutic management for the given case.

- 3 a) Jane is a 27-year-old part-time employee who has lived with her father at home since he was diagnosed with dementia six months ago. She has no past medical or psychiatric history. Jane constantly worries about things. She has trouble giving you a specific cause and just says everything. She describes herself as a nervous person and worries more about her father's health and his treatment expenditure. Jane has been finding it difficult to look after him recently because she often has headaches, nausea and feels dizzy, and notices her heart beating very fast. She finds it difficult to relax and regularly needs a couple of glasses of wine in the evening to wind down, which she has never needed before. She frequently wakes in the middle of the night, but she eventually goes back to sleep. Develop a treatment plan for this case.

(OR)

b) Illustrate any behavior modification techniques to improve adaptive functioning for Asperger's disorder.

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**CHOICE BASED CREDIT SYSTEM**  
**M.Sc. FOURTH SEMESTER DEGREE EXAMINATION AUGUST 2022**  
**P.G. PSYCHOLOGY**  
**Behaviour Modification**

Duration:3 Hours

Max Marks:70

**I. Answer any SIX of the following :****(6×2= 12)**

- a) State any two merits of Behavioural approach.
- b) Distinguish between Implosive Therapy and Flooding.
- c) What are Token Reinforcers? Cite examples.
- d) What are Social Skill Training? Cite Example.
- e) Cite an Example of Approach- Avoidance Conflict.
- f) What is Observational Learning Effect?
- g) State two guidelines for Ethical use of Aversion Procedures.
- h) Mention two examples of application of Behaviour Modification in Community.

**II. Answer any TWO of the following :****(2×8= 16)**

2. Describe the Characteristics of Behavior Modification.
3. Enumerate with a hypothetical case for the use of Premack's Principle.
4. Assertiveness is situation specific. Comment.

**III. Answer the following questions :****(3×14= 42)**

- 5 a) Behavioural Assessment is Multi Modal and Multi Method. Elucidate.

(OR)

- b) Elucidate the pre-requisites and phases of conducting Autogenic Training.

- 6 a) Demonstrate the use of Response Cost to bring about healthy changes in work environment.

(OR)

- b) Elucidate the steps in Training Assertiveness.

- 7 a) Explain the use and strategies of Social Skills Training on Children and Adolescents.

(OR)

- b) Explain the phases in administering MET.

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## CHOICE BASED CREDIT SYSTEM

M.Sc. FOURTH SEMESTER DEGREE EXAMINATION AUGUST 2022

P.G. PSYCHOLOGY

Group and Family Intervention

Duration:3 Hours

Max Marks:70

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**I. Answer any SIX of the following :** (6×2= 12)

- a) What is conscious raising group?
- b) What do you understand by Mutual Feedback in group therapy?
- c) What is a transaction in transactional analysis?
- d) What is family stress?
- e) Write the ways to deal with power in a family.
- f) Write any four characteristics of an Indian family.
- g) Define Identifying Commonalities and Differences.
- h) What are experiments in Gestalt Therapy?

**II. Answer any TWO of the following :** (2×8= 16)

2. What did you understand by differentiation of self and triangulation?
3. Describe the nature of Exploring and Testing Consequences, and Questioning in group session.
4. Evaluate the effectiveness of different ways of family conflict resolutions.

**III. Answer the following questions :** (3×14= 42)

- 5 a) Write a note on the stage five and six of group counselling.

(OR)

b) Analyse the nature of the skills, Identifying non-verbal behaviors, Validating, Extinguishing, and Eliciting alternatives with an example.

- 6 a) Write a note on the key concepts of Cognitive Behaviour Group Therapy.

(OR)

b) Examine the concepts of role strain and expressed emotions in family therapies.

- 7 a) What did you understand by the structural family therapy in helping a family?

(OR)

b) Illustrate with an example the difference between Group Counselling and Group Therapy. Discuss its application in multicultural settings.

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