

## B.Sc ABA\_ UNIVERSITY DEGREE ROLLING QUARTERLY SESSIONS

### A. An Introduction to Applied Behavior Analysis – OCTOBER 2020 Week 1

1. Define Applied Behavior Analysis.
2. Describe the seven dimensions of Applied Behavior Analysis.
3. Explain the role of the Behavior Analysis Certificate Board & Qualified Applied Behavior Analysis Board.
4. Describe the various certificate levels (ABA-Tech, RBT, QASP BCaBA, QBA BCBA, and BCBA-D).
5. Describe the requirements to become an RBT/ABA-Tech.
6. Describe the role of an RBT/ ABA-Tech in comparison to the other certificate levels.
7. Describe the categories of the code of professional and ethical behavior of behavior analysts.
8. Complete this chapter's Exercises and Activities or those assigned by your instructor

### B. Autism Spectrum Disorder Basics – OCTOBER 2020 Week 2

1. DSM-IV and DSM-V (or current DSM)  
related to autism spectrum disorders
2. CDC risk factors and comorbidities related  
  
to autism spectrum disorders
3. Developmental milestones (e.g. typical and atypical, age appropriate)
4. Autism diagnostic process
5. Autism and other developmental disabilities in African States

## C. Legal, Ethical, and Professional Considerations – OCTOBER 2020 Week 3

1. QABA Code of Ethics
2. HIPAA regulations (e.g., confidentiality including limitations, mandated reporting, reportable documents, duty to warn vs. duty to protect)
3. Educational Laws (e.g., IDEA, LRE, IEP, ADA, Rehabilitation ACT, 504 Plan)
4. Positive Behavior Supports
5. Person-centered planning
6. Methods of collaboration (e.g., treatment adherence, referral methods)

## OCTOBER 2020 Week 4

[I] End of month test for rotating Students

## D. Core Principles of ABA

– NOVEMBER 2020 Week 1

1. Four-term contingency
2. Respondent behavior vs. operant behavior
3. Stimulus (e.g., stimulus control, discriminative stimulus, stimulus delta, SD-p, generalization, discrimination, response)
4. Motivating operations including satiation and deprivation
5. Dead man's test
6. Reinforcement and punishment (e.g., positive, and negative)
7. Matching law (e.g., rate, magnitude)
8. Conditioned vs. unconditioned reinforcers/punishers
9. Basic schedules of reinforcement (e.g., fixed interval, fixed ratio, variable interval, and variable ratio) Risks to extinction procedures (e.g., extinction burst, spontaneous recovery and resurgence)
10. Basic verbal operant (e.g., Mand, tact, echoic, and intraverbal)
11. Scientific understanding: description, prediction, and control Six attitudes of science
12. Seven dimensions of applied behavior analysis

## E. Antecedent Interventions

- NOVEMBER 2020 Week 2

1. Antecedent strategies (e.g., priming, choices, behavior momentum, visual supports, Premack Principle, environmental modifications)
2. Non-contingent reinforcement procedures
3. Functional communication training
4. Effects of setting events

## F. Skill Acquisition Programming

- NOVEMBER 2020 Week 3

1. Goal Writing criteria (e.g., objective measurable mastery criteria, targets)
2. Social/cultural factors necessary for program success
3. Error correction methods
4. Prompts (e.g., hierarchy, procedures, fading, types, prompt dependency)
5. ABA instructional and educational methodologies

NOVEMBER 2020 Week 4

[I] End of month test for rotating Students

## G. Behavior Reduction Interventions -- DECEMBER 2020 Week 1

1. Components of behavior intervention plans
2. Components of token economies (e.g., backup reinforcers, generalized reinforcers, response-cost, ratio strain)
3. Time-out procedures
4. Differential reinforcement procedures
5. Behavior contrast
6. Functional assessments and functions of behaviors
7. Group contingencies
8. Components of contingency contracts
9. Ethical considerations related to behavior reduction interventions (e.g., extinction, time-out procedures, group contingencies, punishment procedures)

## H. Data Collection and Analysis -- DECEMBER 2020 Week 2

1. Types of measurement (e.g., frequency/rate, duration, force/magnitude, response latency, and inter-response time)
2. Types of ABA graphs
3. Data collection methods
4. Continuous vs. discontinuous measurement systems (e.g., partial interval recording, whole interval recording, momentary time sampling)
5. Types of IOA (e.g., total count IOA and trial by trial IOA)
6. Visual Analysis (e.g., trend, level, and variability)
7. Characteristics of trustworthy measurements (e.g., reliability, accuracy, and validity)

## I. Assessment -

-- DECEMBER 2020 Week 3

1. Types of preference and reinforcement assessments (i.e., limitations and benefits, implementation)
2. Components of functional behavior assessment (e.g., including direct (descriptive) and indirect assessments and their advantages and limitations, definition and components of a FBA)
3. Behavior assessment scales (interviews and scales)
4. Conditional probability components
5. Environmental analysis components
6. Criteria for operational definitions

## J. Training and Supervision

1. Monitoring treatment and procedural integrity
2. Observer drift and reactivity
3. Inter-observer agreement validation methods
4. Training procedures and behavior skills training
5. Performance evaluation (e.g., feedback, documentation, continuous support)
6. Coordination of care (e.g., parent training, collaboration, liaison, communicate in laymen's terms)
7. Sociocultural values (considerations)

-- DECEMBER 2020 Week 4

[I] End of month test for rotating Students

[II] University Certificate Examination for Finalists

**SECTION [A] -- Above**

**JANUARY 2021 Week 1**

- [I] End of month test for rotating Students
- [II] University Certificate Examination for Finalists

**SECTION [B] -- Above**

**JANUARY 2021 Week 2**

- [I] End of month test for rotating Students
- [II] University Certificate Examination for Finalists

**SECTION [B] -- Above**

**JANUARY 2021 Week 3**

- [I] End of month test for rotating Students
- [II] University Certificate Examination for Finalists

**SECTION [B] -- Above**

**JANUARY 2021 Week 4**

- [I] End of month test for rotating Students
- [II] University Certificate Examination for Finalists

**EXAMINATION & RECORDS OFFICE -- January 8 2020**