

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Behavioral Sciences
Course number	MDCN1325
Faculty	
Department	
Course type	College Needs
Course level	1
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

1 - •	Understanding the stages of development from birth till aging
2 - •	Discussing the theories of learning
3 - •	Discussing the human defense mechanisms
4 - •	Understanding the nature of stress and how it affects the body
5 - •	Discussing the commonly abused substances and how can we deal with such patients
6 - •	Taking a tour through the DSM 5 diagnostic criteria for mental disorders
7 - •	Understanding the nature, quality and disorders of sleep
8 - •	Revision of brain areas, function, neurotransmitters and neurocognitive disorders
9 - •	Understanding the ethical and legal issues related to psychiatric practice

#### Intended Learning Outcomes

Knowledge and Understanding	* • Understanding the stages of development from birth till aging
	* • Discussing the theories of learning
	* • Discussing the human defense mechanisms
	* • Understanding the nature of stress and how it affects the body
	* • Discussing the commonly abused substances and how can we deal with such patients
	* • Taking a tour through the DSM 5 diagnostic criteria for mental disorders

## Course Contents

- 1 - Human development (newborn reflexes, milestones of development and developmental theories, sexuality, aging, bereavement, attachment and suicide)
- 2 - Learning theories (classical conditioning and its behavioral modification techniques, observational learning theories, cognitive learning and Maslow hierarchy of life events, operant conditioning and its behavioral modification techniques, behavioral models for depression)
- 3 - Revision to the previous two lectures in a form of multiple cases solving problem and interactive discussion.
- 4 - Defense mechanisms (Freud topographical and structural models of mind, Anna Freud, narcissistic defense mechanisms, immature and mature defense mechanisms)
- 5 - Psychological Health and Testing (stress, type A and type B personalities, stress and illness, psychological testing)
- 6 - Substances use disorders (Alcohol, cannabis, amphetamine, sedative hypnotics, opioids .... Etc.)
- 7 - Revision to the previous three lectures in a form of multiple cases solving problem and interactive discussion.
- 8 - Sleep and sleep related disorders (sleep architecture, sleep disorders)
- 9 - DSM 5 diagnostic criteria part one (neurodevelopmental disorders, intellectual disabilities, attention deficit hyperactivity disorder, disruptive disorders, Tourette disorder and psychotic disorders, mood disorders and anxiety disorders)
- 10 - DSM 5 diagnostic criteria part two (obsessive compulsive disorders, trauma and stress related disorders, eating disorders, somatic symptoms disorder, dissociative disorders, personality disorders and sexual disorders)
- 11 - Revision to the previous three lectures in a form of multiple cases solving problem and interactive discussion.
- 12 - Brain function and neurocognitive disorders (Brain areas with their function, neurotransmitters, neurocognitive disorders and pseudo dementia)
- 13 - Ethics and law (Ethical principles, ethical issues in psychiatry practice, process of hospital admission, testamentary capacity and criminal law)
- 14 - Final revision in a form of multiple choice questions, multiple cases solving problem and interactive discussion

## Teaching and Learning Methods

- 1 - lectures
- 2 - discussions
- 3 - MCQs
- 4 - case study

## Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Midterm	after 4 weeks	30
quiz	after 3 weeks	10
assignment	after 6 weeks	10
final exam	end of course	40
attendance	during the course	10

## Books and References

Course note	from lectures
Essential books	kaplan behavioral science