**FACULTY OF LIFE SCIENCES**

**SYLLABUS**

**FOR**

**DRUG ABUSE: PROBLEM, MANAGEMENT AND PREVENTION**

**Qualifying paper for UG Classes**

**(Semester I & II)**

**Session: 2021–22, 2022-23, 2023-24**



**Sri Guru Teg Bahadar Khalsa College**

**Sri Anandpur Sahib-140118, Punjab**

\*An Autonomous College

\*NAAC Accredited 'A' Grade

\*College with Potential for Excellence Status by UGC

**--------------------------------------------------------**

Website: www.sgtbcollege.org.in

Email: sgtb321@gmail.com

Phone: 01887-232037

**QUALIFYING PAPER COMMON FOR FACULTY OF SCIENCE**

**SAE 1.1 - DRUG ABUSE: PROBLEM, MANAGEMENT AND PREVENTION**

**(FOR ALL UNDERGRADUATE COURSES)**

**Note: This is a compulsory qualifying paper, which the students have to study and qualify during three years of their degree course**.

|  |  |  |
| --- | --- | --- |
| Total Marks: 50 | Theory 35 | Internal Assessment 15 |

 **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B & C. Section A & B will have four questions in each section from the respective sections of the syllabus and will carry 5 marks each. Section C will consist of 5 short-answer type questions will cover the entire syllabus uniformly and each will carry 3 marks.

**INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two questions from each section A & B of the question paper and the entire section C.

**LEARNING OBJECTIVES**

This course is designed with the objective to provide students a deep knowledge about drug abuse and harmful effects on human, society and overall life. Also symptoms and cure strategies of the drug addicts was also explained.

**LEARNING OUTCOMES**

**Upon completion of this course, the students should be able to:**

* Differentiate between a social users, substance abuser and addict.
* Explain the differences between physical and psychological dependence.
* Identify the various sources of drugs
* Recognize various oral conditions that may be present with chronic nicotine, alcohol, prescription medication and/or illegal drug use.

**SECTION A**

1. **Problem of Drug Abuse: Concept and Overview; Types of Drug Often Abused**
2. **Concept and Overview**
* What are drugs and what constitutes Drug Abuse?
* Prevalence of menace of Drug Abuse
* How drug Abuse is different from Drug Dependence and Drug Addiction?
* Physical and psychological dependence- concepts of drug tolerance
1. **Introduction to drugs of abuse: Short Term, Long term effects & withdrawal symptoms**
* **Stimulants:** Cocaine, Nicotine
* **Depressants:** Alcohol, Barbiturates- Nembutal
* Benzodiazepines –Diazepam
* **Narcotics:** Opium, heroin
* **Hallucinogens:** Cannabis & derivatives (marijuana, hashish, hash oil)
* **Steroids**
* **Inhalants**

**SECTION B**

1. **Nature of the Problem**
* Vulnerable Age Groups
* Signs and symptoms of Drug Abuse

(a) Physical indicators

(b) Academic indicators

(c) Behavioural and Psychological indicators

1. **Causes and Consequences of Drug Abuse**
* **Causes**
1. Physiological
2. Psychological
3. Sociological
* **Consequences of Drug Abuse**
1. For individuals
2. For families
3. For society & Nation
4. **Management & Prevention of Drug Abuse**
* Management of Drug Abuse
* Prevention of Drug Abuse
* Role of Family, School, Media, Legislation & De addiction Centres

**SUGGESTED READING**

* Kapoor. T. (1985) Drug Epidemic among Indian Youth, New Delhi: Mittal Pub
* Modi, Ishwar and Modi, Shalini (1997) Drugs: Addiction and Prevention, Jaipur: Rawat Publication.
* Ahuja, Ram,(2003), Social Problems in India, Rawat Publications: Jaipur
* 2003 National Household Survey of Alcohol and Drug Abuse. New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004.
* World Drug Report 2011, United Nations Office of Drug and Crime.
* World Drug Report 2010, United nations Office of Drug and Crime.
* Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
* The Narcotic Drugs and Psychotropic Substances Act, 1985, (New Delhi: Universal, 2012)

**Pedagogy of the Course Work:**

The pedagogy of the course work will consist of the following:

* 70% lectures (including expert lectures).
* 30% assignments, discussion and seminars and class tests.
* A visit to drug de-addiction centre could also be undertaken.

**QUALIFYING PAPER COMMON FOR FACULTY OF ARTS**

**AAE 1.1 - DRUG ABUSE: PROBLEM, MANAGEMENT AND PREVENTION**

**(FOR ALL UNDERGRADUATE COURSES)**

**Note: This is a compulsory qualifying paper, which the students have to study and qualify during three years of their degree course**.

|  |  |  |
| --- | --- | --- |
| Total Marks: 50 | Theory 35 | Internal Assessment 15 |

 **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B & C. Section A & B will have four questions in each section from the respective sections of the syllabus and will carry 5 marks each. Section C will consist of 5 short-answer type questions will cover the entire syllabus uniformly and each will carry 3 marks.

**INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two questions from each section A & B of the question paper and the entire section C.

**LEARNING OBJECTIVES**

This course is designed with the objective to provide students a deep knowledge about drug abuse and harmful effects on human, society and overall life. Also symptoms and cure strategies of the drug addicts was also explained.

**LEARNING OUTCOMES**

**Upon completion of this course, the students should be able to:**

* Differentiate between a social users, substance abuser and addict.
* Explain the differences between physical and psychological dependence.
* Identify the various sources of drugs
* Recognize various oral conditions that may be present with chronic nicotine, alcohol, prescription medication and/or illegal drug use.

**SECTION A**

1. **Problem of Drug Abuse: Concept and Overview; Types of Drug Often Abused**
2. **Concept and Overview**
* What are drugs and what constitutes Drug Abuse?
* Prevalence of menace of Drug Abuse
* How drug Abuse is different from Drug Dependence and Drug Addiction?
* Physical and psychological dependence- concepts of drug tolerance
1. **Introduction to drugs of abuse: Short Term, Long term effects & withdrawal symptoms**
* **Stimulants:** Cocaine, Nicotine
* **Depressants:** Alcohol, Barbiturates- Nembutal
* Benzodiazepines –Diazepam
* **Narcotics:** Opium, heroin
* **Hallucinogens:** Cannabis & derivatives (marijuana, hashish, hash oil)
* **Steroids**
* **Inhalants**

**SECTION B**

1. **Nature of the Problem**
* Vulnerable Age Groups
* Signs and symptoms of Drug Abuse

(a) Physical indicators

(b) Academic indicators

(c) Behavioural and Psychological indicators

1. **Causes and Consequences of Drug Abuse**
* **Causes**
1. Physiological
2. Psychological
3. Sociological
4. **Consequences of Drug Abuse**
5. For individuals
6. For families
7. For society & Nation
8. **Management & Prevention of Drug Abuse**
* Management of Drug Abuse
* Prevention of Drug Abuse
* Role of Family, School, Media, Legislation & De addiction Centers

**SUGGESTED READING**

* Kapoor. T. (1985) Drug Epidemic among Indian Youth, New Delhi: Mittal Pub
* Modi, Ishwar and Modi, Shalini (1997) Drugs: Addiction and Prevention, Jaipur: Rawat Publication.
* Ahuja, Ram,(2003), Social Problems in India, Rawat Publications: Jaipur
* 2003 National Household Survey of Alcohol and Drug Abuse. New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004.
* World Drug Report 2011, United Nations Office of Drug and Crime.
* World Drug Report 2010, United nations Office of Drug and Crime.
* Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
* The Narcotic Drugs and Psychotropic Substances Act, 1985, (New Delhi: Universal, 2012)

**Pedagogy of the Course Work:**

The pedagogy of the course work will consist of the following:

* 70% lectures (including expert lectures).
* 30% assignments, discussion and seminars and class tests.
* A visit to drug de-addiction center could also be undertaken.

**QUALIFYING PAPER COMMON FOR FACULTY OF COMMERCE**

**CAE 1.2 - DRUG ABUSE: PROBLEM, MANAGEMENT AND PREVENTION**

**(FOR ALL UNDERGRADUATE COURSES)**

**Note: This is a compulsory qualifying paper, which the students have to study and qualify during three years of their degree course**.

|  |  |  |
| --- | --- | --- |
| Total Marks: 50 | Theory 35 | Internal Assessment 15 |

 **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B & C. Section A & B will have four questions in each section from the respective sections of the syllabus and will carry 5 marks each. Section C will consist of 5 short-answer type questions will cover the entire syllabus uniformly and each will carry 3 marks.

**INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two questions from each section A & B of the question paper and the entire section C.

**LEARNING OBJECTIVES**

This course is designed with the objective to provide students a deep knowledge about drug abuse and harmful effects on human, society and overall life. Also symptoms and cure strategies of the drug addicts was also explained.

**LEARNING OUTCOMES**

**Upon completion of this course, the students should be able to:**

* Differentiate between a social users, substance abuser and addict.
* Explain the differences between physical and psychological dependence.
* Identify the various sources of drugs
* Recognize various oral conditions that may be present with chronic nicotine, alcohol, prescription medication and/or illegal drug use.

**SECTION A**

1. **Problem of Drug Abuse: Concept and Overview; Types of Drug Often Abused**
2. **Concept and Overview**
* What are drugs and what constitutes Drug Abuse?
* Prevalence of menace of Drug Abuse
* How drug Abuse is different from Drug Dependence and Drug Addiction?
* Physical and psychological dependence- concepts of drug tolerance
1. **Introduction to drugs of abuse: Short Term, Long term effects & withdrawal symptoms**
* **Stimulants:** Cocaine, Nicotine
* **Depressants:** Alcohol, Barbiturates- Nembutal
* Benzodiazepines –Diazepam
* **Narcotics:** Opium, heroin
* **Hallucinogens:** Cannabis & derivatives (marijuana, hashish, hash oil)
* **Steroids**
* **Inhalants**

**SECTION B**

1. **Nature of the Problem**
* Vulnerable Age Groups
* Signs and symptoms of Drug Abuse

(a) Physical indicators

(b) Academic indicators

(c) Behavioural and Psychological indicators

1. **Causes and Consequences of Drug Abuse**
* **Causes**
1. Physiological
2. Psychological
3. Sociological
* **Consequences of Drug Abuse**
1. For individuals
2. For families
3. For society & Nation
4. **Management & Prevention of Drug Abuse**
* Management of Drug Abuse
* Prevention of Drug Abuse
* Role of Family, School, Media, Legislation & De addiction Centers

**SUGGESTED READING**

* Kapoor. T. (1985) Drug Epidemic among Indian Youth, New Delhi: Mittal Pub
* Modi, Ishwar and Modi, Shalini (1997) Drugs: Addiction and Prevention, Jaipur: Rawat Publication.
* Ahuja, Ram,(2003), Social Problems in India, Rawat Publications: Jaipur
* 2003 National Household Survey of Alcohol and Drug Abuse. New Delhi, Clinical Epidemiological Unit, All India Institute of Medical Sciences, 2004.
* World Drug Report 2011, United Nations Office of Drug and Crime.
* World Drug Report 2010, United nations Office of Drug and Crime.
* Extent, Pattern and Trend of Drug Use in India, Ministry of Social Justice and Empowerment, Government of India, 2004.
* The Narcotic Drugs and Psychotropic Substances Act, 1985, (New Delhi: Universal, 2012)

**Pedagogy of the Course Work:**

The pedagogy of the course work will consist of the following:

* 70% lectures (including expert lectures).
* 30% assignments, discussion and seminars and class tests.
* A visit to drug de-addiction center could also be undertaken.