**الاسم:**

**الرقم:**

**الدرجة:**

**Final exam of Substance Abuse (CHS 413)**

**2nd term 1432-1433**

**A) Match drugs mentioned in column (A) with corresponding effects on CNS in Column (B): (4 marks)**

|  |  |
| --- | --- |
| **Column (A)** | **Column (B)** |
| ( ………………. ) Cocaine  ( ………………. ) Alcohol  ( ………………. ) Nicotine  ( ………………. ) Amphetamine | 1. CNS Stimulant 2. CNS depressant |

**B) Choose only one answer (1 mark each)**

|  |  |
| --- | --- |
| 1-  All of the followings are at risk for trying drugs **except:**   * A) Young men * B)Those with high self-esteem * C) Those with low academic achievement * D) None of the above |  |
| 2- All of the followings are Warning signs of teenage drug or alcohol abuse **Except**:   * A) a drop in school performance * B) a change in groups of friends * C) antisocial behavior * D) None of the above |  |
| 3- Caffeine Withdrawal includes the following symptoms **except**:   * A) Headache * B) Sleepiness * C) Difficulty concentrating * D) None of the above |  |
| 4- If the mother smokes, the baby is exposed to the nicotine from her breast milk. Nicotine could cause numerous unwanted symptoms in the baby include the followings **except:**   * A) restlessness * B) decreased heart rate * C) vomiting * D) None of the above |  |

**C) Write T for True Sentences and F for False ones: (1 mark each)**

|  |  |
| --- | --- |
| 1- smoking during pregnancy can lead to miscarriage |  |
| 2- Caffeine worsens performance of students in essay questions |  |
| 3- Caffeine improves visual-choice reaction time |  |
| 4- Both heroin and morphine can cross the blood-brain barrier |  |

**D) Put the correct term inbetween brackets following each definition (4 marks):**

1- any substance that when ingested into the body changes the way the organism functions. ( ………………………. )

2- A stage of drug abuse in which a person needs a drug just to feel okay ( ………………………………… )

E) **A patient came to you and he complained of certain symptoms following administration of a drug. These symptoms include a sudden rush sense of euphoria with dreamy state of complete relaxation, flushing of the skin with difficult concentration, Constipation and he becomes sleepy. On examination, the pupils were constricted (pin point pupil) and the blood pressure and breathing rates were decreased.(3 marks)**

1- What do you think this drug was? .........................................................

………………………………………………………………………………..

2- Explain the mechanism of action of this drug.

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**F) Appraise the use of pethidine drug during labour.**

**G) In a table, compare between different Recommended Therapies for Smoking Cessation.**

**H) Discuss briefly mechanism of action of LSD.**

**I) Complete:**

1- **The advantages of pethidine during labour: (4 marks)**

1-……………………………………………..

2-……………………………………………..

2- **Negative effects of herion on CNS include:**

1- ………………………………………………………………………

2-……………………………………………………………..

3-…………………………………………………………….

4-……………………………………………………………