**Sardar Bhagwan Singh University, Balawala,Dehradun**

**B.Pharm IInd Year (4th Semester)**

**Subject Pharmacology-I**

**Ninth Assignment**

**Q1. Fill in the blanks**

1. ................ having weak µ antagonistic and marked k agonist actions.
2. .......... is k analgesic action.
3. Agonist- antagonist that can nither substitute for , nor antagonize morphine is............................
4. High dose of ............................prevent buprenorphine effect.
5. Selective κ-antagonist .............................
6. Opioid antagonist that reduces alcohol craving and used for prevention of relapse of heavy drinking is..................................
7. ß-endorphin derived from..............
8. Drug of choice for morphine poisoning is.............................
9. Synthetic thebaine cogner used as opioid antagonist is...........................
10. Opioid antagonist that does not cause physical/psychological dependence is......................
11. Naloxone is inactive orally because of.............................
12. ........................... is selective but irreversible µbantagonist.
13. Opioid receptors having high affinity for ketocyclazocine and dynorphin A is................
14. Opioid receptor suppress which type of voltage gated calcium channenl....................
15. ........................is selective δ antagonist.

Q2. Write a short note on drug dependence and drug abuse with examples.

Q3. Discuss in detail about opioid receptors

Q4. Write a note on pentazocine and naloxone.