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

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

**Subject Pharmacology-I**

**Eighth Assignment**

**Q1. Fill in the blanks**

1. Heroin also known as...........................
2. Another name of pethidine..................................
3. Pethidine is used as analgesic during labour because.....................................
4. ...........................is used as substitution in methadone addiction.
5. Tramadol is not given with SSRIs treatment because of risk of.......................
6. Opiates derived from........................
7. A German scientist isolate morphine from.......................in .......................and named it after the greek God of dreams.......................
8. ..................... effect of morphine in GIT.
9. ADR of morphine in new born is called.......................
10. ...............................is used therapeutically for cough.
11. Rabbits are tolerant to atropine because of presence of enzyme............................
12. Define cross tolerance with example.
13. ...................................... is rapid development of tolerance when doses of a drug is repeated in quick succession result in reduction in response.
14. Define Nootropics and give two example.
15. Nootropics are also known as...........................
16. Notropic have increased risk of bleeding is........................
17. Ergot alkaloid having ᾳ adrenergic blocking property used as nootropic is...................
18. Nootropic having platelet activating factor antagonist action is.................................
19. ..................is dopamenergic agonist used as cognition enhancer.
20. ...........................is chinese plant used in variety of cognitive and behaviour disorder.

Q2. Write a note on types of tolerance and its mechanism.

Q3. Short note on nootropics.

Q4. write in detail about pharmacological action of morphine.