**DT 4th**

**Course Title: General Pharmacology II**

**Student Name:**

**Student ID:**

**Note:**

**Attempt all questions**

**Each question carry equal marks**

**Pay attention to every point of question**

**Give to the point answers**

**Extra detail may leads to marks deduction**

1.

(a) Differentiate between type I and type II diabetes mellitus

(b) As per your opinion which of the insulin delivery device is more effective and why?

1.
2. Explain the role of vitamin K in blood clotting and treatment of bleeding disorders
3. What does thrombolytic agents mean? Explain with example
4.
5. Explain the effects and adverse effects of organic nitrates in angina pectoris.
6. Write down the treatment algorithm for improving symptoms of stable angina.
7.
8. Differentiate between primary and secondary hypertension
9. Explain the effect of renin on hypertension
10. What is the importance of pharmacological treatment of hypertension
11.
12. Differentiate between right heart failure and left heart failure
13. Summarize the pharmacotherapy of heart failure