

**MCA and M.Sc. I<sup>st</sup> Semester Theory Examination 2022-2023  
CS-204: Object Oriented Programming**

**Time: 1 hour**

**Max Marks: 20**

- 1) Give a real-world example where polymorphism, encapsulation and inheritance are used. [5]
- 2) What is constructor in Java? Explain the features and limitations of constructor with a suitable example using a Java programme. [5]
- 3) Explain constructor overloading and overriding in Java with a suitable example using Java programme. [5]
- 4) What is exception handling in Java? How many types of exceptions are available in Java? Explain your answer with a suitable example. [5]