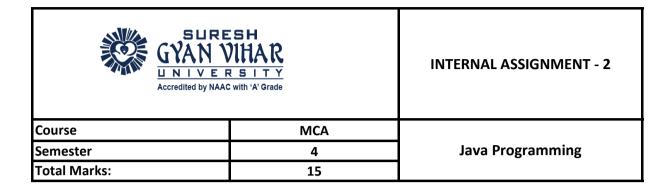


Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)

- A. Explain the life cycle of an applet. What are the various layout managers used in Java?
- **B.** Write a program that creates a thread that forces preemptive scheduling for lowerpriority threads.
- **C.** Write a runtime polymorphism program in Java by using interface reference variable.
- Q.2. Write short notes on all of the following topics (1 mark each Word limit 100)
- **A.** The use of layout managers.
- **B.** What is type casting? Explain with an example.
- **C.** AWT
- **D.** The applications of object-oriented programming.
- **E.** How to create and access a package?



Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)

- **A.** How to define a package? How to access, import a package? Explain with examples.
- **B.** Write a program that demonstrate the priority setting in threads.
- **C.** What support is provided by File class for file management? Illustrate with suitable scenarios.
- Q.2. Write short notes on all of the following topics (1 mark each Word limit 100)
- A. What is a package? How to define it and access it?
- **B.** Why do we use oops concepts in Java?
- **C.** The different parameter passing mechanisms used in Java with an example.
- **D.** What is the size of char data type?
- **E.** The random-access file operations.