# Questions for Tutorial-1: Laplace Transform Using SageMath

Batch -1 :

Q.1 Find the Laplace Transform of the following functions

(i) (ii) (iii)

Q.2 Find the Inverse Laplace Transform of the following Functions

(i) (ii)

Q.3 Solve the following differential equation using Laplace Transform

with

Batch -2 :

Q.1 Find the Laplace Transform of the following functions

(i) (ii) (iii)

Q.2 Find the Inverse Laplace Transform of the following Functions

(i) (ii)

Q.3 Solve the following differential equation using Laplace Transform

with

Batch -3 :

Q.1 Find the Laplace Transform of the following functions

(i) (ii) (iii)

Q.2 Find the Inverse Laplace Transform of the following Functions

(i) (ii)

Q.3 Solve the following differential equation using Laplace Transform

with