

SARDAR BHAGWAN SINGH UNIVERSITY

Assignment - 3

Subject: Mathematical Physics

Course: B.Sc Hon. (Physics and Math)

1. Solve $L^{-1} \frac{1}{(s+9)^8}$

2. Solve $L^{-1} \frac{2s}{s^2+4s+13}$

3. Solve $L^{-1} \left(\frac{s^2-s+4}{s^{3/2}} \right)$

4. Solve $L^{-1} \frac{2s-5}{4s^2-25}$

5. Solve $L^{-1} \frac{3s-8}{4s^2+25}$

6. Solve $L \left(\frac{1}{s-2} \right)$

7. Solve $L \left(\frac{1}{s^2+36} \right)$