



Dnyaneshwar Vidyapeeth (Trust)

CENTRAL EXAMINATION BOARD

ASSIGNMENT OF VALUE ENGINEERING

SUB -CODE- (GEN-G820) COURSE: ADVANCED TECH-QUIC PROGRAM

ASSIGNMENT NO. 1 (Assignment Based on Topic No.1,2,3,4)

SESSION - WINTER

BRANCH – ALL

- Q.1 Answer the following (Questions for 2 marks)
- 1) Define Function as related to a product
 - 2) Define Worth of basic function
 - 3) Enlist eight phases of value engineering job plan
 - 4) Enlist any four reasons for poor value of an item
 - 5) What is poor value of Value Engineering?
 - 6) Define Physical data
- Q.2 Answer the following (Questions for 4 marks)
- 1) Enlist the applications of value engineering technique
 - 2) Differentiate between Cost Reduction and Value Engineering.
 - 3) Explain phase and orientation in VE job plan.
 - 4) What is 'Cost Ranking'?
 - 5) Write a short note on information phase.
- Q.3 Answer the following (Questions for 6 marks)
- 1) Explain the applications of value engineering technique in non-engineering fields.
 - 2) Explain any six reasons for poor value of an item
 - 3) "Knowledge of materials and processes is essential for VE". Explain.
 - 4) Explain the different types of data.
- Q.4 Answer the following (Questions for 8 marks)
- 1) Write in short the history and growth of value engineering technique.
 - 2) Explain the advantages of value engineering in Computer Engineering.
 - 3) What is the importance of value engineering in manufacturing management?
 - 4) Explain whether VE is management tool to evaluate the project in all respects or it is a problem-solving tool to control costs. Why?
 - 5) List the eight VE principles and explain them briefly.
 - 6) Explain with one practical example 'Negative Attitude' which ends up in adding costs.
 - 7) Explain the various steps required to be taken to complete 'Information phase' in VE.
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