

643

Register No.:

November 2022

Time - Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A each question carries 3 marks.
2. Answer all the questions either (A) or (B) in Part-B each question carries 14 marks.]

PART - A

1. Give three steps involved in the procedure of process planning.
2. Define Break Even Quantity.
3. What is Strategic planning?
4. State the jurantriology.
5. Draw a basic cause and effect diagram.
6. List out any three Management planning tools.
7. How central tendency is usually expressed?
8. Differentiate defect and defective.
9. Define 5S concept.
10. What is JIT?

PART - B

11. (a) Explain the steps involved in process planning procedure.

(Or)

- (b) Describe the steps in creating alternatives and evaluating alternatives involved in value analysis.

[Turn over.....

12. (a) What is quality council? Explain the duties and Responsibilities of quality council.

(Or)

- (b) Explain about the Deming Philosophy fourteen points on route to quality.

13. (a) With Suitable example explain the following:
(i) Stratification Analysis (ii) Scatter diagram (iii) Control chart

(Or)

- (b) Explain the following diagrams for quality improvement.

- (i) Check sheet (ii) Tree diagram c) Histogram

14. (a) (i) Discuss graphical representation of a frequency distribution.
(ii) Write short notes on measures of central tendency.

(Or)

- (b) (i) Compare X bar and R chart. Discuss the circumstances in which either of the two or a combination of these will be used for purpose of control.

- (ii) Write the steps in constructing P and np chart.

15. (a) (i) Explain 5S concepts of housekeeping.
(ii) How 5s concept is implemented in shop floor for process improvement?

(Or)

- (b) (i) Describe the objectives of TPM.

- (ii) How TPM process is implemented in an organization? Explain in detail.
