

**HIMACHAL BOARD OF DEPARTMENTAL EXAMINATIONS  
DEPARTMENTAL EXAMINATION FOR PRINCIPALS &  
OTHER TECHNICAL OFFICERS OF ITIs,  
DEPARTMENT OF TECHNICAL EDUCATION,  
VOCATIONAL & INDUSTRIAL TRAINING (H.P)**

**DECEMBER, 2018**  
**Maximum Marks: 100**

**Paper No. 3**  
**Time Allowed: 3 hours**

**Note:**

- 1) Attempt any five questions
- 2) No reference books are allowed
- 3) All questions carry equal marks

Q.No.1: (a) What are the main features of National Apprenticeship Scheme of Government of India? How it is beneficial to the trainees? (10)

(b) When was the Craftsman Training Scheme (CTS) was introduced by the Govt. of India? What are the objectives of this scheme? Describe the responsibilities of the Central and State Governments for the implementation of CTS. (10)

Q.No.2 (a) What are the qualification required for being engaged as an Apprentice? Describe the obligations of the employers and the Apprentices under the Apprentices Act. (10)

(b) What is the minimum age and qualification for seeking admission in Government ITI? Describe the number of working hours at the ITI, minimum compulsory attendance for the trainees and the leave admissible to the trainees. (10)

Q.No.3 (a) What factors affects the quality of a product? Describe the nine M's i.e the factors which directly affect the quality of products and services. (10)

(b) Explain the different types of precautions to be taken to prevent accidents over moving machines in the workshop. (10)

Q.No.4 (a) What are the advantages and objectives of Quality Control? (10)

(b) What are the objectives of Inventory Control? Name the different types of methods of Inventory control. (10)

Q.No.5 (a) Which and why new Trades/Courses can be started in the ITI's in the State to cater to the requirement of the industry and to increase the employability of the youths? (10)

(b) What do you understand by the term "Plant Layout"? Describe its procedure in detail. (10)

Q.No.6 (a) Write a brief Note on the Industrial Development made by Himachal Pradesh and briefly describes the scope for growth in respect of Industries having maximum potential in Himachal Pradesh. (10)

(b) Define Small Scale Industries, M.S.M.E.'s Medium Scale and Large Scale Industries, giving their limits of Investment in terms of Plant & Machinery. Describe the facilities being provided by the state Industries Department to the Small Scale Industries. (10)

Q.No.7 Write short notes on any four of the following:

- (i) Accidental Insurance Policy for the trainees of an ITI.
- (ii) Pradhan Mantri Kaushal Vikas Yogna
- (iii) Modular Employable Skill (MES) Courses
- (iv) Start up policy
- (v) Duties of a group instructor
- (vi) Skill Development Initiative Scheme(SDIS)

4x5= (20)