

HIMACHAL BOARD OF DEPARTMENTAL EXAMINATIONS
DEPARTMENTAL EXAMINATION FOR PRINCIPALS & OTHER TECHNICAL
OFFICERS OF ITIs

DEPARTMENT OF TECHNICAL EDUCATION,
VOCATIONAL & INDUSTRIAL TRAINING OF H.P.

SEPTEMBER, 2020

Pape No.3

Maximum Marks: 100

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) Define Apprentice. What are the qualifications for being engaged as an apprentice and duration of Apprenticeship training? (10 Marks)
- b) How the apprenticeship contract terminated? (5 Marks)
- c) What are the objectives of Apprenticeship training? (5 Marks)

Q. No. 2: (a) Explain the main features and functions of the National Council for Vocational Training (NCVT) and State Council for Vocational Training (SCVT). (10 Marks)

(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 admissible to the trainees. (10 Marks)

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

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

(10 Marks)

Q. No. 4 (a) What are the legislative provisions relating to safety and health in Industries?
(5 Marks)

(b) What are the provisions in the Factory Act 1948?
(10 Marks)

(c) What actions are initiated against management for violation of the provisions of Factory Act 1948?
(5 Marks)

Q. No. 5 (a) What is the importance of workshop layout? Explain different principles of workshop layout?
(10 Marks)

(b) Explain different types of precautions to be taken while installing different types of mechanical and Electrical machinery in the workshop?
(10 Marks)

Q. No. 6 (a) Which and why new Trades/ Courses can be started in the it is in the state to cater to the requirement of the industry and to increase the employability of the youth?
(10 Marks)

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

Q. No. 7 (a) Define Small, Medium and Large Scale industries. What is its role in the Economic development?
(10 Marks)

(b) How can we promote the Cottage Industries, particularly in the interiors and tribal area of the state?
(5 Marks)

(c) What are the sources of raising Capital for establishment of industries?
(5 Marks)

Q. No. 8 Write short notes on any 4 (four) of the following:-

- (i) Skill Development Initiative scheme (SDIS) & MES Courses.
- (ii) Start up Policy.
- (iii) ABC Analysis.
- (iv) Pradhan Mantri Kaushal Vikas Yagna
- (v) Quality Council of India.
- (vi) Duties of a Group Instructor.

(20 Marks)