

HIMACHAL BOARD OF DEPARTMENTAL EXAMINATIONS
DEPARTMENTAL EXAMINATION FOR PRINCIPALS & OTHER TECHNICAL
OFFICERS OF INDUSTRIAL & VOCATIONAL TRAINING OF THE DEPARTMENT OF
TECHNICAL EDUCATION, VOCATIONAL & INDUSTRIAL TRAINING OF
HIMACHAL PRADESH

OCTOBER, 2016

Paper No. 3

Time Allowed : 3 hours

Maximum marks : 100

Note:

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

- Q. No.1 (a)** Explain the responsibilities of the Central and State Governments vis-à-vis the implementations of Craftsmen Training Scheme (CTS) **(10)**
- (b)** What is the minimum age and qualification for seeking admission in Government and Private ITI's ? Give the break-up of reservation of seats for the various categories, including horizontal reservation for female candidates. Mention the extent of provision of percentage of supernumeraries to be admitted. **(7)**
- (c)** Describe the number of working hours at the ITI, minimum compulsory attendance for the trainees and the leave admissible to the trainees. **(3)**
- Q. No. 2 (a)** Describe the Reference Material and Training Aid which should normally be available in the ITI.:
- i) in the Office of the Principle
 - ii) in the Workshop Sections **(5)**
- (b)** Describe the Guidelines for the implementation of the National Apprenticeship Promotion Scheme as issued by the DGT, MSDE (GOI) on 24th August, 2016. **(10)**
- (c)** How many categories of Apprentices are there? Describe them along with the qualification/ eligibility for each. **(5)**
- Q. No 3. (a)** What are the objectives of Apprenticeship Training? **(5)**
- (b)** Describe the Apprentice Protsahan Yojna. **(5)**
- (c)** Describe the amendments made in the Apprentices Act, 1961 during December, 2014. **(5)**

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- (d) As an Assistant Apprenticeship Advisor, how would you plan to achieve the target fixed under the Apprenticeship Scheme? (5)
- Q. No 4. (a) List the advantages and objectives of Quality Control. (12)
 (b) Describe the essentials or principles of Quality Control. (8)
- Q. No 5. (a) Describe at least 5 objectives of Inventory Control. (5)
 (b) What are the prerequisites of an Inventory Control System? (5)
 (c) Name the two fundamental types of Plant Layout. Describe the advantages and disadvantages of Process Layout. (10)
- Q. No 6. (a) Describe the facilities available from the State Government and the Banks to the educated unemployed/ technicians for setting up of small industries. (5)
 (b) Define Small Scale Industries, MSME's, Medium Scale & Large Scale Industries giving their limits of investment in terms of plant & machinery (5)
 (c) Which small scale industries are more viable in H.P. in today's context? (5)
 (d) Which 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? (5)
- Q. No 7 Write short notes on any four of the followings :
- i. Pradhan Mantri Kaushal Vikas Yojna
 - ii. Statistical Quality Control
 - iii. Health & Safety at workplace
 - iv. Skill India, Skill HP.
 - v. State Council of Vocational Training
 - vi. Skill Development Initiative Scheme (SDIS) & the MES courses
 - vii. "Huner se Rozgar Tak" Scheme of Tourism Department.
- 4x5(20)