

MAHARASHTRA STATE BOARD OF VOCATIONAL EDUCATION EXAMINATIONS, MUMBAI

Examination—July, 2017

CERTIFICATE COURSE IN COMPUTER OPERATION WITH M. S. OFFICE
COMPUTER DATA ENTRY OPERATOR

[वेळ — १५ मिनिटे]

(एकूण गुण—३००)

की डिप्लोमेशन पर अवर (के.डी.पी.एच.) (८०००-१०५००)

गुण

३००

१. खालील उत्तरा टाईप करा :—

The list of instructions to be executed by a computer is known as computer software. All physical & electronic parts used in building the computer are known as computer hardware. To take an analogy, a home television set brought from a shop is hardware & the various entertainment programs transmitted from television station are its software.

Computer software may be classified into two broad categories, system software & application software. Application software is set of program necessary to carry out operation for specified application. For example, program to solve a set of equations, process examination results, etc. System software, on the other hand, are general programs written for the system which provides the environment to facilities the writing of application software. Programming language translator is example of system software. In this chapter we will discuss the evolution of programming language & associated translator. In the next chapter we will discuss important system software known as operating system.

We examined in some detail the structure of a hypothetical machine HYPCOM. An instruction for HYPCOM consisted of an operation & an operand address. A sequence of machine instruction called a machine language program was used to solve problems. In order to write a machine language program, a programmer has to remember all operation codes of the computer & know in detail what each code does & how it affect various register in processor. He also has to keep track of all the operand & know exactly where they are stored in memory. Writing a machine language program requires meticulous attention to detail & deep knowledge of the internal structure of the computer system. Computer programming languages are developed with the primary facilities, a large number of people to use computer without the need to know in detail the internal structure of the computer. Language is matched to type of operation to be performed in algorithm for various applications. Languages are also designed to be machine independent in other word the structure of a programming language would not depend upon the internal structure of a specified computer. Ideally, one should be able to execute a program on any computer regardless of who manufactured it or what model it is.

(ENGLISH)

[TIME ALLOWED — 15 MINUTES]

(MARKS — 300)

KEY DEPERATION PER HOUR (K.D.P.H.) (8000-10500)**Marks**

1. Type the following paragraph of text :—

300

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