

MAHARASHTRA STATE BOARD OF SKILL DEVELOPMENT EXAMINATION, MUMBAI

Examination--July, 2020

CERTIFICATE COURSE IN COMPUTER TECHNIQUES

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(BE_{thE} M_{thE}—100)

[illegible]

NÖÖ

- [illegible]

2. JEE+FO+EE(EE) ECHIEEE/ nme |E|KEE =KEE E+V/ :- 16
- (+) Computer "EV+EE +E[E]ME [E]O'E SEd @Ed E+V/ E +E[E]ME [E]O'E IEEbEaEE E[E]O EoE.
- (E) "EaE@SEa |EEaE@u "EHEE EoE.
- (Eo) xEd oEEQ SEd |EEaE@u E+V/.
- (b) <A@ME o "hEVEd EdaE ? i'EESEa =(EaEME E+V/.
3. JEE+FO+EE(EE) ECHIEEE/ nme |E|KEE =KEE E+V/ :- 16
- (+) xEd oEEQ Component SEO IEEbEaEE "EEV/EO E+V/.
- (E) xEd oEEQ Topology "hEVEd EdaE ? i'EESEa |EEaE@u E+V/.
- (Eo) Hubs SEd |EEaE@u E+V/ E Switches SEd |EEaE@u E+V/.
- (b) Bridges +EEHE Gateway "hEVEd EdaE ?
4. JEE+FO+EE(EE) ECHIEEE/ nme |E|KEE =KEE E+V/ :- 16
- (+) |EEa EdaE E |EEa EdaE jE "E+EOSEa Function E+V/.
- (E) OS E NOS "EV+EE jOEO E+V/.
- (Eo) Window +EEHE Linux "EV+EE jOEO E+V/.
- (b) WAN Environment E E;SEu[E]O EoE.
5. "EEV/EO E+V/ (ECHIEE/ SE) :- 16
- (+) xEd oEESEa jdaEna E+V/.
- (E) User +Ed>A]O EoEd Add, Modify E Delete EoWEEE EdaE+V/.
- (Eo) jOEdaE EoEd Installation E Configuration EoWEEE.
- (b) Internet "EV+EE Tools E Services O[E]O EoE.
- (<) +E[E]ME [E]O'ESEa Features E+V/.
6. JEE+FO+EE(EE) ECHIEE/ nme |E|KEE OEEb+E :- 16
- (+) PC E Server "EV+EE jOEO E+V/.
- (E) Router "hEVEd EdaE ?
- (Eo) NOS SEd |EEaE@u E+V/.
- (b) xEd oEEQ SEd Application E+V/.

CON 1

(ENGLISH)

[TIME ALLOWED—3 HOURS]

(MARKS—100)

**INTRODUCTION TO COMPUTERS AND
COMPUTER NETWORKS (THEORY-I)**

Marks

1. (a) Fill in the blanks (any *five*) :— 5
- (i) A modem is connected between a telephone line and a
 - (ii) is a Top-level domain.
 - (iii) is used for high speed telecommunications.
 - (iv) Full form of HTML is
 - (v) Each node works as transmitter and receiver in topology.
 - (vi) Bus network topology is frequently used for
- (b) State *true* or *false* (any *five*) :— 5
- (i) Ctrl + Z is the shortcut key used to Undo option.
 - (ii) Windows is an object oriented operating system.
 - (iii) Every Computer has an operating system.
 - (iv) To Restart computer Ctrl + Shift + Del key is used.
 - (v) Printer is an input device.
 - (vi) TCP/IP is the type of protocol.
- (c) State long forms (any *five*) :— 5
- | | | |
|------------|-----------|-----------|
| (i) TCP/IP | (ii) HTTP | (iii) LAN |
| (iv) USB | (v) FTP | (vi) URL. |
- (d) Match the following pairs :— 5
- | ‘A’ Group | ‘B’ Group |
|----------------|--------------------------|
| (i) Word | (a) Secondary storage |
| (ii) Hard Disk | (b) Application software |
| (iii) Filter | (c) Operating system |
| (iv) Dos | (d) M. S. Excel |
| (v) Drop cap | (e) Format menu |
| | (f) Insert menu. |
2. Attempt any *two* of the following :— 16
- (a) What is the role of operating system in Computer ? Explain different operating system in brief.
 - (b) Types of Memory in detail.
 - (c) Explain Network types.
 - (d) What is internet ? Explain applications of internet.

[Turn over

CON 1

Marks

- | | |
|---|----|
| 3. Attempt any <i>two</i> of the following :— | 16 |
| <p>(a) Explain in detail Network components.</p> <p>(b) What do you mean by Network Topology ? State its types.</p> <p>(c) Explain the types of hubs. What is use of switches ?</p> <p>(d) What are bridges and gateways ?</p> | |
| 4. Answers in brief (any <i>two</i>) :— | 16 |
| <p>(a) Function of a Protocol and protocol family.</p> <p>(b) Difference between OS and NOS.</p> <p>(c) Comparison of Windows and Linux.</p> <p>(d) WAN environment and features.</p> | |
| 5. Write short notes on any <i>four</i> of the following :— | 16 |
| <p>(a) Advantages of networking.</p> <p>(b) How to Add, Modify and Delete user accounts.</p> <p>(c) Installation and configuration of terminal services.</p> <p>(d) Explain different tools and services on internet.</p> <p>(e) Explain operating system features.</p> | |
| 6. Solve any <i>two</i> of the following :— | 16 |
| <p>(a) Difference between PC and Server.</p> <p>(b) What is router ?</p> <p>(c) Types of NOS.</p> <p>(d) What are the applications of a network ?</p> | |
