

MAHARASHTRA STATE BOARD OF VOCATIONAL EXAMINATIONS, MUMBAI

Examination, July, 2014

CERTIFICATE COURSE IN AGRO INFORMATION TECHNOLOGY

[ἑῶν—3 ἰεῖοῖς]

(BETHÉ NÖÉ—100)

ΔΕΛΤΑ ΕΛΛΗΝΙΚΗΣ ΕΡΕΥΝΑΣ (ΔΕΕ) (ΕΙΕ+®-1)

$${}^{\circ}\text{É}\text{É}\text{É}\text{É}\text{É}-(1) \quad {}^{\circ}\text{É}\text{É}\text{É} \mid \text{É}\text{É}\text{É} \quad {}^{\circ}\text{É}\text{É}\text{É}\text{É}\text{É}\text{É}\text{É} + \text{É}\text{É}\text{É}\text{É}\text{É}\text{É}$$
$$(2) = V \epsilon^{\alpha\beta\gamma\delta} \partial_\alpha \theta_\beta + \epsilon^{\alpha\beta\gamma\delta} \{ \epsilon^{\alpha\beta\gamma\delta} \mathcal{M}^{\alpha\beta} n^{\gamma\delta} \epsilon^{\alpha\beta\gamma\delta} \}.$$

NÉE

[illegible]

5

(1) $E_0 = E_1 = \dots = E_n = E$ and $E_0 = E_1 = \dots = E_n = E$ + of life
(10, 12, 15, 18).

[illegible]

(3) Бүгдтэй ;д-дэй ёоёё ёоёо]д-дэй ёууааёё Мөйрөөнөө ыгёёёёё.
(аёуёёёёё, БС°]д-дэй, ёёёёёёё ;д-дэйёёё).

(4) 1960 IEEE Standard for the Representation of Floating-Point Numbers, 1974 IEEE Standard for Binary Floating-Point Arithmetic, and 1985 IEEE Standard for Floating-Point Arithmetic (ASCII, ASII, ACSII, ASCI).

(5) BSE.] 0.] 0. f0. ½pEVeü.....
 (½pE[^(R)] 0°],] 0x°E; 0R] fEaEaE, ½pE[^(R)] 0°] 0] 0x°E E E E fEaEaE,
 ½pE[^(R)] 0°]] 0x°E; 0R] fEaE 0E 0E, ½pE[^(R)] 0÷] 0°E fEaE 0E 0E).

(6)
 (1/2)^f_E(E⁺+E₀, E⁻+E₀, E⁰+E₀; E₀)².

[illegible]

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[illegible]

(2) संगणकाच्या तिसऱ्या पिढीत आय.सी. (इटीग्रेटेड सर्किट) चा वापर केला
 Maff.

(3) ~~Euromé~~ off' à (~~Euromé~~ ~~Euromé~~) (~~Euromé~~ ~~Euromé~~) (~~Euromé~~ ~~Euromé~~) (~~Euromé~~ ~~Euromé~~)

(4) एडिबोर्न (RW) + एडिबोर्न (CD) पुन्हा वापरता येणाऱ्या सी.डी. चा

(5) ja^af[®]uē+é <x]omāō ē[®]+ bāō ēēv[®]ūēō ēx^af[®]ēīē Eō[®]ūēā

(6) संगणक वापरणाऱ्यांनी फक्त प्रमाणित सॉफ्टवेअर वापरले पाहिजेत.

(E0) $\{E_0E_1 \circ \dots \circ E_{n-1}E_n \mid E_0E_1E_2E_3 \in (E_0E_1E_2E_3E_4E_5E_6E_7E_8E_9)\}$:-

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(1) SMPS (2) CD (3) WWW (4) CPU (5) FTP (6) VIRUS.

(ENGLISH)

[TIME ALLOWED — 3 HOURS]

(MARKS — 100)

FUNDAMENTAL OF COMPUTER SCIENCE (THEORY-I)*Instructions.*—(1) All question are *compulsory*(2) Figures to the right indicate *full* marks.**Marks**1. (A) Fill in the blanks with appropriate option given below (any *five*) :— 5

- (i) There are function keys on the keyboard.
(10,12,15,18).
- (ii) The small thick blinking line on active monitor screen is
(Dash, Hash, Cursor, Underscore).
- (iii) A secret word attributed to a file or system is
(User name, Password, Extention, File Name).
- (iv) 7-bit certified code used in computer from 1960 is
(ASCII, ASIIC, ACSII, ASCI).
- (v) HTTP means
(Hyper text transfer process, Hyper text transmission process,
Hyper text transfer protocol, Hyper trade tax protocol).
- (vi) exhibits regional computer language.
(Hyper link, Bicode, Unicode, Character)

(B) State whether *true* or *false* (any *five*) :— 5

- (i) Mouse is a computer output device.
- (ii) IC (Integrated circuit) was used in third generation computers.
- (iii) Secondary memory can store large amount of data than primary memory.
- (iv) CD RW is also called erasable CD.
- (v) Main function of fire wall is to control the network traffic.
- (vi) Computer users should use only licensed software.

(C) State long forms of following Abbreviations (any *five*) :— 5

- (i) SMPS (ii) CD (iii) WWW (iv) CPU (v) FTP (vi) VIRUS.

[Turn over

(D) Match the Pairs :—

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" A " Group

" B " Group

- | | |
|---------------------|--|
| (i) ESC key | (a) To get upper or lower case of character. |
| (ii) Space key | (b) To rubout character one space backward |
| (iii) Arrow key | (c) Longest key on keyboard |
| (iv) Back space key | (d) Navigation key |
| (v) Shift key | (e) Use to close any active programme. |

2. Distinguish between any *two* of the following :—

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- (a) RAM and ROM.
- (b) Serial port and parallel port.
- (c) Decimal numbers and binary numbers.
- (d) MS-Word and MS-Excel

3. Attempt any *two* of the following :—

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- (a) What is system software ? What kinds of programme are included in it ?
- (b) Explain types of micro-computers.
- (c) Discuss uses of internet.
- (d) Describe two basic components of CPU.

4. Answer any *two* of the following questions :—

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- (a) What are presentation graphic programme ? How are they used ?
- (b) Enlist pointing devices of a computer and describe any two.
- (c) Describe the following components of an active window :—
 - (i) Title bar (ii) Menu bar (iii) Tool bar
 - (iv) Task bar (v) Scroll bar.
- (d) What is Disc Operating System (DOS) ? Describe its features.

5. Write short notes on any *four* of the following :—

16

- (a) Monitor (b) E-Commerce (c) TV tuner card
- (d) Internet service provider (e) E-mail.

6. Attempt any *two* of the following :—

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- (a) What do you mean by automatic back up ? How could you set it in computer ?
 - (b) What do you mean by system restore ? How could you restore system ?
 - (c) Write about any two of CD, DVD and Hard Disc.
 - (d) Describe mother board of a computer.
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