

# C. U. SHAH UNIVERSITY

## Summer Examination-2020

Subject Name : Introduction to Computer Technology

Subject Code : 2TE01ICT2

Branch: Diploma (All)

Semester: 1

Date: 06/03/2020

Time: 02:30 To 05:30


Marks:70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

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- Q-1**      **Attempt the following questions:**      **(14)**
- 1**      Which among the following is an input device?      **(01)**  
(a) monitor      (b) keyboard      (c) printer      (d) speaker
  - 2**      What is the full form of ROM?      **(01)**  
(a) read other memory      (b) read only memory      (c) rewrite only memory      (d) rewrite other memory
  - 3**      What is the full form of HTML?      **(01)**  
(a) hypertext macro language      (b) hypertext micro language      (c) hypertext modern language      (d) hypertext markup language
  - 4**      What is the full form of RAM?      **(01)**  
(a) random access memory      (b) read access memory      (c) read alone memory      (d) read allow memory
  - 5**      What is the full form of LCD?      **(01)**  
(a) liquid cathode display      (b) liquid cathode design      (c) liquid crystal design      (d) liquid crystal display
  - 6**      Which memory is known as permanent memory?      **(01)**  
(a) ROM      (b) EPROM      (c) RAM      (d) None of these
  - 7**      What is full form of CRT?      **(01)**  
(a) cathode ray tunnel      (b) custom ray tube      (c) cathode ray tube      (d) custom ray tunnel
  - 8**      What is the full form of CPU?      **(01)**  
(a) central program unit      (b) central processing unit      (c) central processor unit      (d) none of these
  - 9**      Which tag is used to insert an ordered list in HTML?      **(01)**  
(a) <ul>      (b) <ol>      (c) <li>      (d) none of these



- 10 What is the meaning of  symbol in flowchart? (01)  
 (a)Start/stop (b)decision (c)subroutine (d)input/output making
- 11 Which of the following is the characteristic of computer? (01)  
 (a)speed (b)accuracy (c)versatility (d)none of these
- 12 What is the full form of ALU? (01)  
 (a)arithmetic (b)arithmetic (c)access logic (d)none of these  
 logic unit logic unique unit
- 13 Which of the following is a programming language? (01)  
 (a)procedure (b)chrome (c)windows (d)none of these  
 oriented programming language
- 14 HTML file can be saved by which extension? (01)  
 (a) .html (b) .htm (c) both a & b (d) none of these  
 these

**Attempt any four questions from Q-2 to Q-8**

- Q-2 Attempt all questions (14)**  
 (a) What is computer? Explain characteristics of computer. (07)  
 (b) Explain basic computer organization in detail with diagram. (07)
- Q-3 Attempt all questions (14)**  
 (a) Write down names of various output devices. Explain any one in detail. (07)  
 (b) Explain any five HTML tags in detail with example. (07)
- Q-4 Attempt all questions (14)**  
 (a) Explain WWW in detail. (07)  
 (b) What is Mouse? Explain various types of mouse in detail. (07)
- Q-5 Attempt all questions (14)**  
 (a) Explain various types of ROM in detail. (07)  
 (b) What is Scanner? Explain various types of scanner in detail. (07)
- Q-6 Attempt all questions (14)**  
 (a) Explain various types of Virus in detail. (07)  
 (b) Write a note on SMPS? (07)
- Q-7 Attempt all questions (14)**  
 (a) Define algorithm? Write an algorithm to check whether entered number is even or odd. (07)  
 (b) What is flowchart? Draw flowchart to find maximum of two numbers. (07)
- Q-8 Attempt all questions (14)**  
 (a) What is programming language? Mention its various types. Explain any two of them in detail. (07)  
 (b) Explain components and advantages of E-Mail. (07)



Q-1

Attempt the following questions:

(14)

- 1 નીચેનામાંથી ઇનપુટ ડિવાઇસ કયા છે? (01)  
(a) monitor (b) keyboard (c) printer (d) speaker
- 2 ROM નું પુરૂ નામ શું છે? (01)  
(a) read other memory (b) read only memory (c) rewrite only memory (d) rewrite other memory
- 3 HTML નું પુરૂ નામ શું છે?? (01)  
(a) hypertext macro language (b) hypertext micro language (c) hypertext modern language (d) hypertext markup language
- 4 RAM નું પુરૂ નામ શું છે?? (01)  
(a) random access memory (b) read access memory (c) read alone memory (d) read allow memory
- 5 LCD નું પુરૂ નામ શું છે?? (01)  
(a) liquid cathode display (b) liquid cathode design (c) liquid crystal design (d) liquid crystal display
- 6 કઈ મેમરી permanent મેમરી તરીકે ઓળખાય છે? (01)  
(a) ROM (b) EPROM (c) RAM (d) None of these
- 7 CRT નું પુરૂ નામ શું છે? (01)  
(a) cathode ray tunnel (b) custom ray tube (c) cathode ray tube (d) custom ray tunnel
- 8 CPU નું પુરૂ નામ શું છે? (01)  
(a) central program unit (b) central processing unit (c) central processor unit (d) none of these
- 9 HTML માં ordered list શામેલ કરવા માટે કયા ટેગનો ઉપયોગ થાય છે? (01)  
(a) <ul> (b) <ol> (c) <li> (d) none of these
- 10 Flowchart માં પ્રતિગત નિર્ણય શું છે? (01)  
(a) Start/stop (b) decision making (c) subroutine (d) input/output
- 11 નીચેનામાંથી કયું કમ્પ્યુટરની લાક્ષણિકતા છે? (01)  
(a) speed (b) accuracy (c) versatility (d) none of these
- 12 ALU નું પુરૂ નામ શું છે? (01)  
(a) arithmetic logic unit (b) arithmetic logic unique (c) access logic unit (d) none of these
- 13 નીચેનીમાંથી કઈ પ્રોગ્રામિંગ ભાષા છે? (01)  
(a) procedure oriented programming language (b) chrome (c) windows (d) none of these



14 HTML ફાઇલ કયા એક્સ્ટેન્શન દ્વારા save કરી શકાય છે? (01)

- (a) .html (b) .htm (c) both a & b (d) none of these

Attempt any four questions from Q-2 to Q-8

- Q-2** Attempt all questions (14)  
(a) કમ્પ્યુટર એટલે શું? કમ્પ્યુટરની લાક્ષણિકતાઓ સમજાવો (07)  
(b) મૂળભૂત કમ્પ્યુટર સંસ્થાને આકૃતિ સાથે વિગતવાર સમજાવો. (07)
- Q-3** Attempt all questions (14)  
(a) વિવિધ output device નાં નામ લખો. કોઈ પણ એક વિગતવાર સમજાવો. (07)  
(b) ઉદાહરણ સાથે વિગતવાર કોઈપણ 5 HTML tags સમજાવો. (07)
- Q-4** Attempt all questions (14)  
(a) WWW ને વિગતવાર સમજાવો. (07)  
(b) માઉસ શું છે? વિગતવાર માઉસના વિવિધ પ્રકારો સમજાવો. (07)
- Q-5** Attempt all questions (14)  
(a) વિવિધ પ્રકારના ROM વિગતવાર સમજાવો. (07)  
(b) Scanner શું છે? વિગતવાર વિવિધ પ્રકારના Scanner ને સમજાવો. (07)
- Q-6** Attempt all questions (14)  
(a) વિવિધ પ્રકારના Virus ને વિગતવાર સમજાવો. (07)  
(b) SMPS પર નોંધ લખો. (07)
- Q-7** Attempt all questions (14)  
(a) એલ્ગોરિધમ વ્યાખ્યાયિત કરો. દાખલ કરેલી સંખ્યા even છે કે odd છે તે ચકાસવા માટે એલ્ગોરિધમ લખો. (07)  
(b) Flowchart એટલે શું? બે સંખ્યા માં maximum number શોધવા માટે flowchart લખો. (07)
- Q-8** Attempt all questions (14)  
(a) પ્રોગ્રામિંગ લેંગ્વેજનો અર્થ શું છે? તેના વિવિધ પ્રકારોનો ઉલ્લેખ કરો. તેમાંના કોઈપણ બેને વિગતવાર સમજાવો. (07)  
(b) Email ના ઘટકો અને ફાયદાઓ સમજાવો. (07)

