

# C. U. SHAH UNIVERSITY

## Winter Examination-2019

**Subject Name : Introduction to Computer Technology**

**Subject Code : 2TE01ICT2**

**Branch: Diploma (All)**

**Semester : 1**

**Date : 27/11/2019**

**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.

- Q-1 Attempt the following questions: (14)**
- 1 Which among the following is an output device? (01)**  
 (a) mouse (b) keyboard (c) printer (d) joystick
  - 2 What is the full form of SMPS? (01)**  
 (a) switched mode power supply (b) switched mode power system (c) serial mode power supply (d) serial mode power system
  - 3 What is the full form of ROM? (01)**  
 (a) read other memory (b) read only memory (c) rewrite only memory (d) rewrite other memory
  - 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 Who is known as father of computer? (01)**  
 (a) Herman Baggage (b) Charles Ritchie (c) Dennies Ritchie (d) Steve Jobs
  - 6 Which memory is known as temporary memory? (01)**  
 (a) ROM (b) EPROM (c) RAM (d) None of these
  - 7 What is full form of virus? (01)**  
 (a) Vital Information Resources Under Siege (b) Viral Information Resources Under System (c) Very Important Resources Under System (d) Vital Important Resolve Ultimate Science
  - 8 How can virus enter into computer? (01)**  
 (a) USB (b) Internet (c) Both A & B (d) None of these
  - 9 Central Processing Unit(CPU) consists of \_\_\_\_\_. (01)**  
 (a) control unit (b) arithmetic (c) both a & b (d) none of these



- and logic unit
- 10 Which of the following is an input device? (01)  
 (a) speaker (b) printer (c) keyboard (d) monitor
- 11 What is the use of <p> tag in HTML? (01)  
 (a) partition (b) paint (c) paragraph (d) None of these
- 12 Which of the following is type of web browser? (01)  
 (a) chrome (b) windows (c) dos (d) linux
- 13 There are how many generations of computer? (01)  
 (a) 4 (b) 5 (c) 6 (d) 7
- 14 What is the full form of WWW? (01)  
 (a) world wide web (b) world wide website (c) wide world web (d) website world wide

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

- Q-2 Attempt all questions (14)**  
 (a) Define computer. Write down advantages and disadvantages of computer. (07)  
 (b) Write down names of various generations of computer. Explain any two in detail. (07)
- Q-3 Attempt all questions (14)**  
 (a) Explain basic computer organization in detail with diagram. (07)  
 (b) What do you mean by HTML? Explain basic structure of HTML with example. (07)
- Q-4 Attempt all questions (14)**  
 (a) What is Email? Explain components and advantages of Email. (07)  
 (b) What is Internet? How does Internet works? Write down advantages of Internet. (07)
- Q-5 Attempt all questions (14)**  
 (a) Explain various types of ROM in detail. (07)  
 (b) Write down names of various input devices. Explain any one in detail. (07)
- Q-6 Attempt all questions (14)**  
 (a) Write a note on Virus. (07)  
 (b) What is RAM? Explain its types. (07)
- Q-7 Attempt all questions (14)**  
 (a) List down various problem solving techniques. Explain any two in detail. (07)  
 (b) Define flowchart. Explain its symbols in detail. (07)
- Q-8 Attempt all questions (14)**  
 (a) What do you mean by programming language? Mention its various types. Explain any two of them in detail. (07)  
 (b) What is algorithm? Write an algorithm to find maximum of two numbers. (07)



Q-1

Attempt the following questions:

(14)

- 1 નીચેનામાંથી કયા આઉટપુટ ડિવાઇસ છે? (01)  
(a) mouse (b) keyboard (c) printer (d) joystick
- 2 SMPS નું પુરૂ નામ શું છે? (01)  
(a) switched mode power supply (b) switched mode power system (c) serial mode power supply (d) serial mode power system
- 3 ROM નું પુરૂ નામ શું છે? (01)  
(a) read other memory (b) read only memory (c) rewrite only memory (d) rewrite other memory
- 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 કોણ કમ્પ્યુટરના પિતા તરીકે ઓળખાય છે? (01)  
(a) Herman (b) Charles Baggage (c) Dennies Ritchie (d) Steve Jobs
- 6 કઈ મેમરીને અસ્થાયી મેમરી તરીકે ઓળખવામાં આવે છે? (01)  
(a) ROM (b) EPROM (c) RAM (d) None of these
- 7 Virus નું પુરૂ નામ શું છે? (01)  
(a) Vital Information Resources Under Siege (b) Viral Information Resources Under System (c) Very Important Resources Under System (d) Vital Important Resolve Ultimate Science
- 8 કમ્પ્યુટરમાં વાયરસ કેવી રીતે દાખલ થઈ શકે છે? (01)  
(a) USB (b) Internet (c) Both A & B (d) None of these
- 9 સેન્ટ્રલ પ્રોસેસીંગ યુનિટ (સીપીયુ) \_\_\_\_\_ સમાવે છે. (01)  
(a) control unit (b) arithmetic and logic unit (c) both a & b (d) none of these
- 10 નીચેનામાંથી ઇનપુટ ડિવાઇસ કયા છે? (01)  
(a) speaker (b) printer (c) keyboard (d) monitor
- 11 એચટીએમએલમાં <p> tag નો ઉપયોગ શું છે? (01)  
(a) partition (b) paint (c) paragraph (d) None of these
- 12 નીચેનામાંથી વેબ બ્રાઉઝરનો પ્રકાર છે? (01)  
(a) chrome (b) windows (c) dos (d) linux
- 13 કમ્પ્યુટરની કેટલી generations છે? (01)  
(a) 4 (b) 5 (c) 6 (d) 7
- 14 WWW નું પુરૂ નામ શું છે?? (01)  
(a) world wide web (b) world wide website (c) wide world web (d) website world wide



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

- Q-2** **Attempt all questions** (14)
- (a) કમ્પ્યુટર વ્યાખ્યાયિત કરો. કમ્પ્યુટરનાં ફાયદા અને ગેરફાયદા લખો. (07)
- (b) કમ્પ્યુટરની વિવિધ generations ઓનાં નામ લખો. કોઈપણ બેને વિગતવાર સમજાવો. (07)
- Q-3** **Attempt all questions** (14)
- (a) મૂળભૂત કમ્પ્યુટર સંસ્થાને આકૃતિ સાથે વિગતવાર સમજાવો. (07)
- (b) HTML એટલે શું? HTML નું બેઝિક સ્ટ્રક્ચર સમજાવો. (04)
- Q-4** **Attempt all questions** (14)
- (a) Email શું છે? Email ના ઘટકો અને ફાયદાઓ સમજાવો. (07)
- (b) Internet શું છે? Internet કેવી રીતે કાર્ય કરે છે? Internet ના ફાયદા લખો. (07)
- Q-5** **Attempt all questions** (14)
- (a) વિવિધ પ્રકારના ROM વિગતવાર સમજાવો. (07)
- (b) વિવિધ input device નાં નામ લખો. કોઈ પણ એક વિગતવાર સમજાવો. (07)
- Q-6** **Attempt all questions** (14)
- (a) Virus પર નોંધ લખો. (07)
- (b) RAM શું છે? વિવિધ પ્રકારના RAM વિગતવાર સમજાવો. (07)
- Q-7** **Attempt all questions** (14)
- (a) સમસ્યા હલ કરવાની વિવિધ તકનીકીઓને નીચે સૂચિબદ્ધ કરો. કોઈપણ બેને વિગતવાર સમજાવો. (07)
- (b) Flowchart વ્યાખ્યાયિત કરો. તેના પ્રતીકો વિગતવાર સમજાવો. (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) એલ્ગોરિધમ એટલે શું? બે સંખ્યા માં maximum number શોધવા માટે એલ્ગોરિધમ લખો. (07)

