

# ANSWER KEY

Touchpad iPRIME Ver 2.1

Class-7

## 1. Computer–Hardware Components

One

Touch

Learn



- A.** 1. a.                      2. a.                      3. c.                      4. b.                      5. a.  
6. a.                      7. a.
- B.** 1. F                      2. F                      3. F                      4. F                      5. T
- C.** 1. Output Device                      2. Storage Devices                      3. 3D Camera  
4. Input Devices                      5. Radio Frequency

Let's

Do

It



- A.** 1. Motherboard & Disk drive are the hardware attached inside the CPU box.  
2. Printer and Monitor are the examples of output devices.  
3. Yes, a mouse and a keyboard can be wireless.  
4. A disk drive is an internal hardware component of the computer system that is used to read and write on storage disks.  
5. CD- RW stands for Compact Disc Rewritable.  
6. Skylake is Intel's multi-core chip code which boosts graphics and applications while improving battery life in laptops.

- B.** 1. The differences between Input and Output Devices are as follows:

### Input Devices

- a. Input devices are devices through which a computer accepts data and instructions.
- b. Example of the input devices are:  
Mouse, Keyboard

### Output Devices

- a. Output devices are devices through which a computer displays the information and result of computation to the user.
- b. Example of the output devices are:  
Monitor, Printer

2. CPU (Central Processing Unit) is a processor, sometimes called a microprocessor. It is the brain of the computer that does all the calculations and runs all the programs. It manages all the operations and carries out the basic instructions which operate a computer.



3. A virtual keyboard is operated by typing on a detectable surface rather than pressing physical keys. It is actually a software component because it is not a physical part.
4. A port is a slot on the motherboard that is used to connect other components of the computer such as keyboard, mouse, monitor, etc. to the motherboard. Three types of ports are:
  1. Serial Port
  2. Universal Serial Bus (USB) Port
  3. Parallel Port
5. Switched Mode Power Supply (SMPS) is a hardware component of the computer used to control the power supply. It is also known as the power supply unit of the computer. It takes the Alternating Current (AC) from a source and converts it into low voltage Direct Current (DC) and then supplies it to other parts of the computer system.

### Crack The Code



- A.** 1. Graphic Tablet  
2. Drum Plotter
- B.** Find five terms related to internal hardware components of computer in the grid.  
(This grid has been printed incorrectly in the book, please correct it in your book.)

P	A	P	E	A	U	V	B	S	M	P	S
R	M	O	D	E	M	I	E	O	N	D	O
I	M	R	O	Z	N	D	A	U	F	A	R
M	T	T	U	V	R	E	L	N	L	T	Q
A	L	M	S	I	E	O	O	D	Q	A	B
R	Z	Y	U	M	P	C	T	C	Q	B	F
M	O	T	H	E	R	A	O	A	R	D	M
K	S	U	V	O	R	R	B	R	R	S	Z
E	L	L	O	C	T	D	L	D	F	E	A

### FUN in LAB



Do yourself.

## 2. Number System

### One Touch Learn

- A.** 1. c.                      2. a.                      3. c.                      4. a.
- B.** 1. T                      2. T                      3. T                      4. T                      5. T
- C.** 1. 0                      2. 2                      3. Decimal number                      4. 10
5. 8                      6. Binary

### Let's Do It

- A.** 1. Octal number system consists of eight digits from 0 to 7.  
2. In 1 nibble there are 4 bits.  
3. The total number of digits used in a number system is called its base or radix.
- B.** 1. A number system is simply a method of counting. There are four types of number systems:  
(i) Decimal number system  
(ii) Binary number system  
(iii) Octal number system  
(iv) Hexadecimal number system
2. To know the rules to convert a decimal number into a binary number, follow these steps:
- Step 1** Divide the decimal number by 2 (the base of the binary number system).  
**Step 2** Note down the quotient and the remainder.  
**Step 3** Divide the quotient obtained again by 2 and note down the resulting quotient and remainder.  
**Step 4** Repeat the procedure till you reach a quotient less than 2.  
**Step 5** List the last quotient and all the remainders (moving from bottom to top).  
We will get our binary number.
3. The rules to subtract two binary numbers are:

X	Y	X - Y
0	0	0 - 0 = 0
0	1	0 - 1 = 1 (borrow 1, so that 10 - 1 = 1)
1	0	1 - 0 = 1
1	1	1 - 1 = 0

- C.** 1.  $(10111.011)_2 = 1 \times 2^4 + 0 \times 2^3 + 1 \times 2^2 + 1 \times 2^1 + 1 \times 2^0 + 0 \times 2^{-1} + 1 \times 2^{-2} + 1 \times 2^{-3}$   
 $= 1 \times 16 + 0 + 1 \times 4 + 1 \times 2 + 1 \times 1 + 0 + 1/4 + 1/8$   
 $= 16 + 4 + 2 + 1 + 0.25 + 0.125$   
 $= (23.375)_{10}$

2. 
$$\begin{array}{r} \textcircled{0} \quad \textcircled{10} \quad \textcircled{10} \quad \textcircled{10} \text{ --- Borrow} \\ 1 \quad 0 \quad 0 \quad 1 \quad 1 \quad 0 \\ - \quad \quad \quad 1 \quad 1 \quad 0 \quad 1 \\ \hline 1 \quad 1 \quad 0 \quad 0 \quad 1 \end{array}$$

3. (a) 
$$\begin{array}{r} 1 \quad 0 \quad 0 \quad 0 \\ + \quad \quad 1 \quad 0 \quad 1 \\ \hline 1 \quad 1 \quad 0 \quad 1 \end{array}$$

(c) 
$$\begin{array}{r} \textcircled{1} \text{ --- Carry} \\ 1 \quad 0 \quad 0 \quad 1 \\ + \quad \quad 1 \quad 0 \quad 1 \\ \hline 1 \quad 1 \quad 1 \quad 0 \end{array}$$

(e) 
$$\begin{array}{r} \textcircled{1} \text{ --- Carry} \\ 1 \quad 1 \quad 0 \quad 0 \quad 1 \\ + \quad 1 \quad 0 \quad 1 \quad 0 \quad 1 \\ \hline 1 \quad 0 \quad 1 \quad 1 \quad 1 \quad 0 \end{array}$$

(b) 
$$\begin{array}{r} \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \text{ --- Carry} \\ 1 \quad 0 \quad 1 \quad 1 \\ + \quad \quad \quad 1 \quad 0 \quad 1 \\ \hline 1 \quad 0 \quad 0 \quad 0 \quad 0 \end{array}$$

(d) 
$$\begin{array}{r} \textcircled{1} \quad \textcircled{1} \quad \textcircled{1} \text{ --- Carry} \\ 1 \quad 1 \quad 1 \quad 1 \\ + \quad 1 \quad 1 \quad 1 \quad 1 \\ \hline 1 \quad 1 \quad 1 \quad 1 \quad 0 \end{array}$$

4. (a) 
$$\begin{array}{r|l} 2 & 39 - 4 \\ \hline 2 & 19 - 1 \\ \hline 2 & 9 - 1 \\ \hline 2 & 4 - 1 \\ \hline 2 & 2 - 0 \\ \hline & 1 - 0 \end{array}$$

Hence,  $(39)_{10} = (100111)_2$

(b) 
$$\begin{array}{r|l} 2 & 72 \\ \hline 2 & 36 - 0 \\ \hline 2 & 18 - 0 \\ \hline 2 & 9 - 0 \\ \hline 2 & 4 - 1 \\ \hline 2 & 2 - 0 \\ \hline & 1 - 0 \end{array}$$

Hence,  $(72)_{10} = (1001000)_2$

(c) 
$$\begin{array}{r|l} 2 & 128 \\ \hline 2 & 64 - 0 \\ \hline 2 & 32 - 0 \\ \hline 2 & 16 - 0 \\ \hline 2 & 8 - 0 \\ \hline 2 & 4 - 0 \\ \hline 2 & 2 - 0 \\ \hline & 1 - 0 \end{array}$$

Hence,  $(128)_{10} = (10000000)_2$

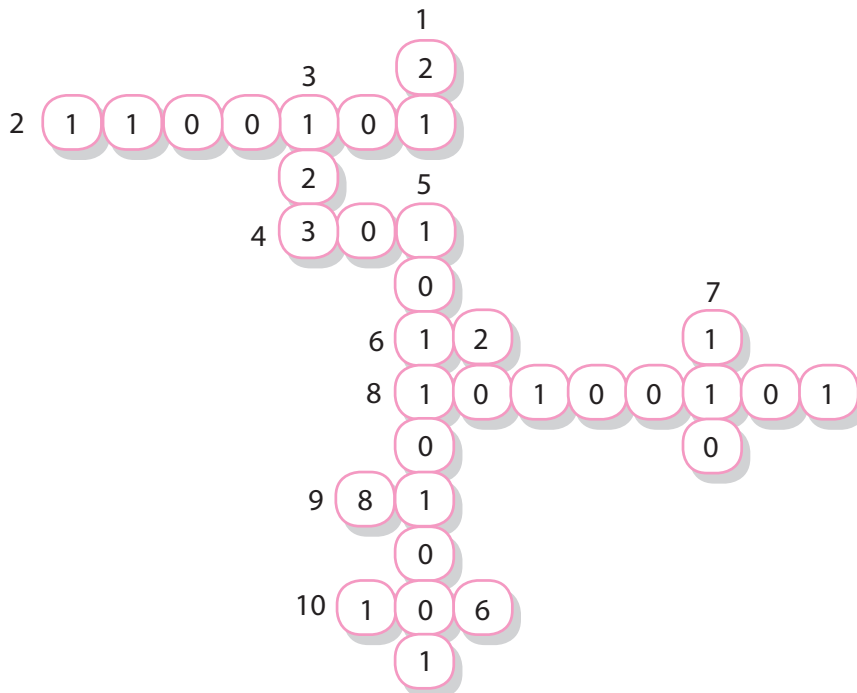
(d) 
$$\begin{array}{r|l} 2 & 55 \\ \hline 2 & 27 - 1 \\ \hline 2 & 13 - 1 \\ \hline 2 & 6 - 1 \\ \hline 2 & 3 - 0 \\ \hline & 1 - 1 \end{array}$$

Hence,  $(55)_{10} = (110111)_2$

(e) 
$$\begin{array}{r|l} 2 & 173 \\ \hline 2 & 86 - 1 \\ \hline 2 & 43 - 0 \\ \hline 2 & 21 - 1 \\ \hline 2 & 10 - 1 \\ \hline 2 & 5 - 0 \\ \hline 2 & 2 - 1 \\ \hline & 1 - 0 \end{array}$$

Hence,  $(173)_{10} = (10101101)_2$





Do yourself.

### 3. Computer Virus

- A.** 1. d. 2. a. 3. b. 4. c.  
5. d. 6. a. 7. a. 8. d.
- B.** 1. T 2. T 3. F 4. T 5. F
- C.** 1. Malware 2. Antivirus  
3. Firewall 4. Trojan Horse



- A.**
1. Trojan horse is a type of malware. It conceals itself inside the software that seems legitimate.
  2. The use of antivirus program is to identify and remove malware from the computer system.
  3. Boot sector virus is one of the most hostile types of computer viruses that infects the boot sector or the Master Boot Record (MBR) of hard disks and floppy disks.
  4. MBR stands for Master Boot Record.
- B.**
1. A malware is a type of malicious program designed to damage or carry out other unwanted actions on a computer system. Malware can affect the computer in the similar way a virus does. Some of the common malwares are worm, trojan horse, spyware, ransomware, rootkit and backdoor.
  2. A computer virus is a 'piece of code' or program developed to corrupt the data or program files stored on the computer system. Whereas a computer worm is a type of malware that has the capability to replicate itself without any human interaction.
  3. An infected computer system will:
    - (i) Start displaying unusual messages on the screen.
    - (ii) Load the programs late.
    - (iii) Take more time to shut down the windows.
    - (iv) Increase the size of the infected file.
    - (v) Change the file names or the types automatically.
  4. (This question was printed incorrectly in the book. Please correct it in your textbook.)
- Ques. How to prevent your PC from a virus?
- (i) Download only legal software.
  - (ii) Don't open any unknown e-mail.
  - (iii) Don't open any e-mail attachment from unknown sources.
  - (iv) Don't download music, program or games from unknown sources on the Internet.
  - (v) Install an antivirus program in your computer system.
  - (vi) Scan Pen Drive, CD and any other external storage device for viruses before opening them in a computer.



- A.**
1. Worms
  2. Trojan
  3. (This question was printed incorrectly in the book. Please correct it in your textbook.)

Ques. I am one of the most hostile types of computer viruses. I infect the boot sector or the Master Boot Record (MBR) of hard disks or floppy disks.

Ans. Boot Sector Virus



4. Program File Virus

5. Antivirus

B.

A	I	I	B	A	C	K	D	O	O	R	I
T	L	K	A	R	O	K	L	W	U	B	T
O	I	E	T	O	N	T	R	O	J	A	N
A	R	O	O	T	K	I	T	R	N	B	H
I	M	T	C	T	T	E	K	M	N	I	E
W	S	P	Y	W	A	R	E	M	Y	T	R
E	L	O	A	I	L	M	I	A	R	W	S



Do yourself.

## 4. Ethics and Safety Measures in Computing



- A. 1. a. 2. c. 3. c. 4. b. 5. a.
- B. 1. T 2. F 3. F 4. T 5. F
- C. 1. Trademark 2. Plagiarism 3. Patent 4. Phishing 5. Spam



- A. 1. Software piracy means illegal use of software.
2. Hacking is the unauthorised access to computer system for the purpose of destroying the system or stealing important information from the system.
3. Patents and Copyright are the two examples of intellectual property rights.
4. Two ways to stop Cyberbullying are:
- (i) Don't disclose your personal information like address, phone number and school name online with unknown people.
  - (ii) Be careful about sharing private information with others online as this could be shared with or seen by people with malicious intent.
5. Computer Ethics are the common guidelines that we need to follow while using the computer.

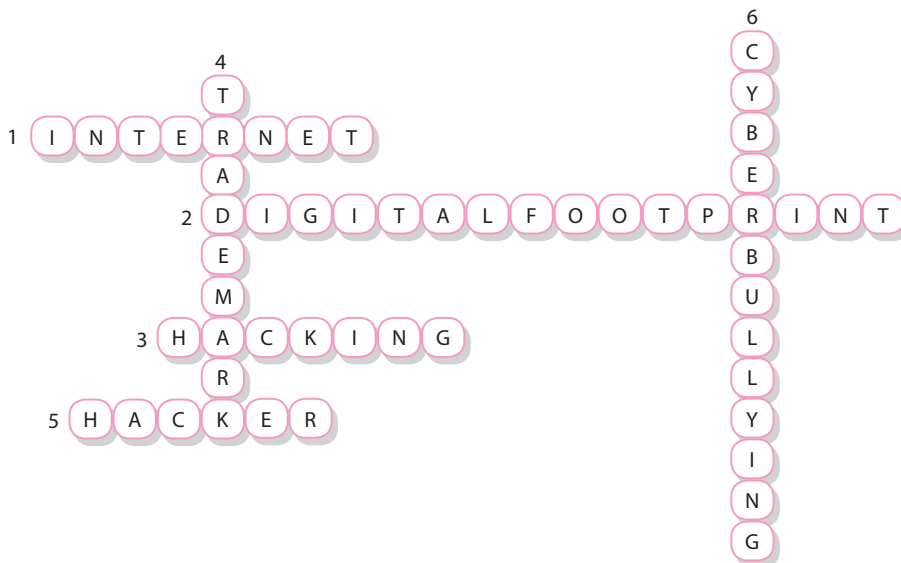
- B.**
1. Patent is the right that gives an inventor the complete right to make, use, and sell his or her work for a specific time period.  
On other hand, Trademark is a symbol or word legally registered or established and used to represent a company or a product.
  2. Internet is Network of Networks, means International Network.  
Three disadvantages of Internet:
    - (i) Wastage of Time: It is a wastage of time as with the excessive use of the Internet people get addicted to it and spend lots of time on surfing.
    - (ii) Virus and Spam Attacks: Internet has also increased the cases of virus attacks. Users can lost their data and programs in these virus attacks.
    - (iii) Loss of Personal Information: We share our personal information over the Internet that can be misused by cyber criminals to harm you.
  3. Three protective measures to avoid Plagiarism:
    - (i) We should always mention the source of information.
    - (ii) We should rephrase the content as per our requirement to avoid Plagiarism.
    - (iii) We should use quotation marks to write the word or lines written by someone else.
  4. Three ways to stay protective online:
    - (i) Be cautious while using your password online.
    - (ii) Don't entertain strangers or suspicious e-mails.
    - (iii) Don't share your personal details with anyone online.

**Crack The Code**



- A.**
1. She can preview her e-mail to decide whether it is a spam mail or not.
  2. He can look for the green lock sign at the left most side of the address bar in the browser.  
This signifies that the website is secure.

**B.**





Do yourself.

## 5. Spreadsheets—An Introduction

### One Touch Learn

- A.** 1. c. 2. c. 3. d. 4. a.  
5. d. 6. d. 7. a. 8. d.
- B.** 1. F 2. T 3. F 4. F 5. F
- C.** 1. Name box 2. Title 3. Quick Access  
4. Formula 5. Worksheet

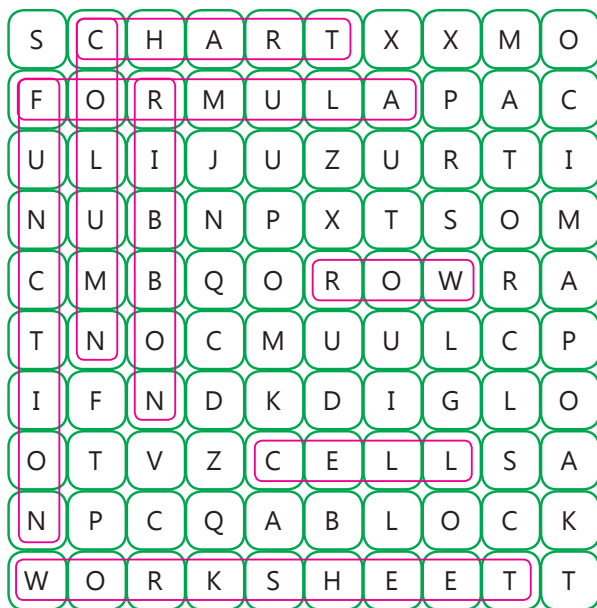
### Let's Do It

- A.** 1. A cell range is a collection of two or more cells.  
2. Ribbon is like a strip that has various tabs such as Home, Insert, Page, Layout, Formulas and Data. These tabs consist of different groups that contain related commands.  
3. The currently selected cell that appears highlighted with green border is an active cell.  
4. Name box is a box located on the left side of the excel window, just below the Ribbon. The address of the active cell is displayed in this box.
- B.** 1. Formula bar is a text box located on the right side of the Name box that allows you to enter and edit formulas and perform calculations on your worksheet data. It is also used for entering and editing the contents.  
2. A worksheet is the main working area in excel window where we can enter data. Whereas a workbook is a collection of different worksheets.  
3. The row heading is the gray coloured number (1,2,3...etc) located in front of each row in the worksheet.  
4. To create a new workbook in MS Excel 2016, follow these steps:  
**Step 1** Click on File tab to open the Backstage view.  
**Step 2** Click on the New option.  
**Step 3** Click on Blank workbook in the Available Templates list.  
A new workbook will be created.

### Crack The Code

- A.** 1. D3 2. D5 3. E4  
4. C4 5. B4 6. G4

B.



Do yourself.

## 6. More on Spreadsheets



- |           |           |                |               |                   |       |       |
|-----------|-----------|----------------|---------------|-------------------|-------|-------|
| <b>A.</b> | 1. d.     | 2. a.          | 3. a.         | 4. c.             | 5. b. | 6. a. |
| <b>B.</b> | 1. Insert | 2. Cell styles | 3. Select all | 4. Merge & center |       |       |
| <b>C.</b> | 1. F      | 2. T           | 3. F          | 4. T              | 5. T  |       |



- A.**
- Yes, we can unmerge the merged cells. The command which is used to unmerge the cells is Unmerge cells command.
  - Copy command is used to copy the contents of one cell to other cells.
  - Wrap text feature of MS Excel allows user to display multiple lines of text inside a cell.



- B.**
- Steps to wrap the text are:  
**Step 1** Click the cell in which you want to wrap the text.  
**Step 2** Click on Wrap Text command from Alignment group under Home tab.
  - Steps to change row height and column width are:  
**Step 1** Select the column(s) or row(s) whose width or height you want to change.  
**Step 2** Click on Format command in Cells group from Home tab.  
**Step 3** Choose Column Width or Row Height under Cell Size section from the drop-down list.  
**Step 4** In the Column Width or Row Height box, type the value that you want your column or row to be.
  - Steps to apply cell border are:  
**Step 1** Select the cell or range of cells.  
**Step 2** Go to the Font group in the Home tab.  
**Step 3** Click the arrow next to the Borders command.  
**Step 4** Click on the border style you would like.
  - (This question was printed incorrectly in the book. Please correct it in your textbook.)

**Ques.** If we type  $12*(10+5)-5$  in cell A5 and press the Enter key, then what will be the result in cell A5? Justify your answer.

**Ans.** If we type  $12*(10+5)-5$  in cell A5 and press the Enter key, then the result in cell A5 will be 175.

When performing calculations using a formula, Excel follows certain rules of precedence:

- Excel calculates expressions within parentheses '(' , ')' first.
- Excel calculates multiplication and division before addition and subtraction.
- Excel calculates consecutive operators with the same level of precedence from left to right.

For example:

$$12*(10+5)-5$$

$$= 12*15-5$$

$$= 180-5$$

$$= 175$$

Here is a justification of the answer:

We multiply 12 by 15, which is 180.

We then subtract 5 from 180, which is 175.

Therefore, the result of the expression is 175

- A.** 1. She can use Word Wrap on the active cell.  
2. By inserting a row/column

**B.**

W	R	A	P	T	E	X	T	T	F	J	A
R	V	G	E	U	R	E	T	I	O	O	U
A	H	T	G	M	F	D	R	M	R	C	T
M	N	X	C	O	L	U	M	N	M	E	O
T	B	F	R	F	W	S	W	J	U	M	F
M	E	R	G	I	N	G	C	E	L	L	I
X	O	U	M	N	L	H	E	K	A	F	L
T	C	E	L	L	N	I	I	B	S	I	L

Do yourself.

## Worksheet-1

(Based on chapters 1 & 6)

- A.** 1. CD-R                      CD-RW  
2. Audio                      PS/2  
3. Octal                      Binary  
4. Jerusalem              Cascade  
5. Cyberbullying          Plagiarism  
6. Title Bar                  Ribbon
- B.** 1. All the physical components of a computer system are called Hardware.  
2. The total number of digits used in a number system is called its base or radix.  
3. A set of programs that identify and remove malware are known as antivirus software.  
4. Cyber crime can be defined as criminal activities carried out by means of computers or the Internet.  
5. A cell range is a collection of two or more cells.  
6. AutoFill feature automatically fills a series of data in our worksheet.
- C.** 1. CPU                      2. UPS                      3. Webcam                      4. Byte  
5. Malware                  6. Digital Footprints                      7. Title Bar                      8. equal (=) sign
- D.** 1. Projector                  2. Graphic Tablet                      3. SMPS

# Test Sheet–1

(Based on chapters 1 to 6)

## Section A

- A.** 1. a.                      2. a.                      3. c.                      4. b.                      5. a.  
6. d.                      7. c.                      8. d.
- B.** 1. input devices                      2. 8                      3. Antivirus  
4. Spam                      5. Formula                      6. Cell styles
- C.** 1. F                      2. T                      3. F                      4. T                      5. F                      6. F

## Section B

- A.** 1. Yes, mouse and keyboard can be wireless.  
2. There are 4 bits in 1 nibble.  
3. Eradicating a virus is the term used for cleaning a computer.  
4. Cyberbullying is the use of electronic media such as smartphones, computers and tablets to harass or attack a person. It is also known as online bullying.  
5. The currently selected cell that appears highlighted with green border is an active cell.
- B.** 1. Switched Mode Power Supply (SMPS) is a hardware component of the computer used to control the power supply. It is also known as the power supply unit of the computer. It takes the Alternating Current (AC) from a source and converts it into low voltage Direct Current (DC) and then supplies it to other parts of the computer system.
2.  $= 1 \times 2^3 + 1 \times 2^2 + 1 \times 2^1 + 1 \times 2^0$   
 $= 8 + 4 + 2 + 1$   
 $= 15$   
 $(1111)_2 = (15)_{10}$
3. A computer virus is a 'piece of code' or program developed to corrupt the data or program files stored on the computer system. Two types of computer virus are Macro Virus and Boot Sector Virus.
4. Plagiarism is simply taking other person's work, and instead of giving credit to the person who actually prepared that, presenting it as your own work. Two ways to prevent Plagiarism:  
(i) We should always mention the source of information.  
(ii) We should use quotation marks to write the word or lines written by someone else.
5. A worksheet is the main working area in excel window where we can enter data. A workbook is a collection of different worksheets.

## 7. Database and DBMS—An Introduction

### One Touch Learn

- A.** 1. b.                      2. a.                      3. b.                      4. c.                      5. a.
- B.** 1. T                      2. F                      3. F                      4. F
- C.** 1. Table                      2. Fields                      3. Primary                      4. Sorting                      5. Navigation

### Let's Do It

- A.** 1. Primary Key is a unique field by which the records are uniquely identified in a table.  
2. The final result of the manipulated data that comes from tables or queries in DBMS is known as a report.  
3. A query is the most powerful object of database. It helps us to retrieve information from a table based on some criteria or condition.  
4. A form is a database object used to create a user interface to enter or update a record in a table that is connected to it.
- B.** 1. Steps to add record in Database are:  
**Step 1** Open the required table in Datasheet view.  
**Step 2** Double-click on the record which you want to edit.  
Steps to delete a record in Database are:  
**Step 1** Open the required table in Datasheet view.  
**Step 2** Select the record which you want to delete.  
**Step 3** Right-click and select the Delete Record option.
2. Four data types of MS Access are:  
1. Short Text                      2. Hyperlink                      3. Number                      4. AutoNumber
- C.** 1. Advantages of a Database Management system are:  
(i) It minimizes the duplication of data by integrating and sharing the data files.  
(ii) It saves the storage space.  
(iii) All the users are provided with some access rights or privileges and permissions.  
(iv) The files can be easily updated whenever any changes are being made.
2. There are two types of views in MS Access: Datasheet view and Design view. We can switch between these two views by clicking on the View command under the Views group on the Home tab. Datasheet View is the default view of the table. it shows all the fields and the records as entered by the user.
- In the Design View, the records are not visible. We can only see the field names along with their data types.
3. Following are the rules we should remember while writing field names:  
(i) Field name can be up to 64 characters long.

- (ii) Field name can include any combination of letters, numbers, spaces, and special characters except a period (.), an exclamation mark (!), an accent grave (') and brackets ([ ]).
- (iii) Field name cannot begin with the leading spaces.
- (iv) Field name cannot include a double quotation mark (").

## Crack The Code

A. Using sorting feature

B.

P	A	B	E	A	U	T	B	D	E	Z	L
R	S	N	L	S	O	M	E	M	N	D	O
I	M	O	O	Z	N	L	A	D	F	A	R
M	T	Q	U	E	R	Y	L	M	L	T	Q
A	L	M	S	F	E	T	O	M	Q	A	B
R	Z	Y	U	L	P	M	T	A	Q	B	F
Y	X	L	N	M	O	S	A	L	A	A	M
K	S	U	V	P	R	T	B	M	R	S	Z
E	L	L	O	P	T	S	L	N	F	E	A
Y	M	N	F	O	R	M	E	L	Z	Y	B

## FUN in LAB

Do yourself.

## 8. More on Access

### One Touch Learn

- A. 1. b.                      2. b.                      3. c.                      4. c.
- B. 1. F                      2. F                      3. T  
4. T                      5. T
- C. 1. Title, logo    2. Select query    3. Relationship    4. Run
- D. 1. c.                      2. a.                      3. d.                      4. b.

## Let's Do It

- A.**
1. A form is a database object used to create, edit and display data stored in tables in a user-friendly manner.
  2. A report is used to organize and present data in a user-friendly format so that it can be printed.
  3. The three main views in which a form can be displayed are: Form view, Design view and Layout view.
- B.**
1. A query is the most important object provided by MS Access that can give us information that we might not be able to find by looking at the table directly. Whereas a report in MS Access is a feature which allows us to organize and present our data in a user-friendly format so that it can be printed.
  2. To create a report, follow these steps:
 

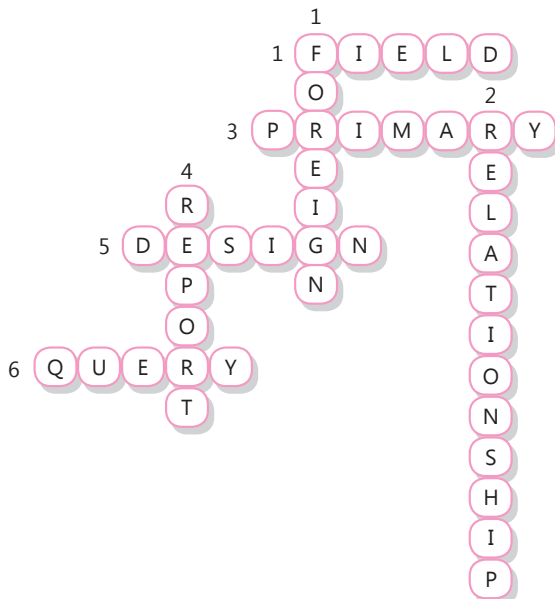
**Step 1** Open the desired table for which you want to create a report. In this case, we have opened the table named "StudentsMarks".

**Step 2** Click on the Report command from Reports group under Create tab. The report of the table, which is open will be created.
  3. Field, table, sort and criteria are the parameters displayed at the bottom of the Query window while creating a query.

## Crack The Code

- A.**
1. FORM
  2. Query
  3. Crosstab query

**B.**





Do yourself.

## 9. Lists and Tables in HTML

### One Touch Learn

- A.** 1. b.                      2. a.                      3. b.                      4. d.                      5. a.
- B.** 1. T - Table represents data in the form of rows and columns.  
(This question was printed incorrectly in the book, please correct it in your text book.)  
2. F                      3. F                      4. F                      5. T
- C.** 1. Ordered list   2. List item   3. <UL>                      4. Disc                      5. <CAPTION>

### Let's Do It

- A.** 1. A list is a collection of related items.  
2. Tables represent the data in the form of rows and columns.  
3. Description list is a type of list in which description of each term is defined.
- B.** 1. An ordered list is also called the numbered list. This type of list is used to display the items in a sequential manner. <OL> tag is used to create an ordered list.  
An unordered list is also called bulleted list. This type of list is generally used to display items in a non-sequential manner. The <UL> tag is used to define an unordered list.
2. Four attributes of the <TABLE> tag are:  
a. BORDER: The BORDER attribute is used to set the border of the table.  
b. BORDERCOLOR: The BORDERCOLOR attribute is used to give color to the border of the table.  
c. FRAMES: The FRAMES attribute allows you to show borders only at specified sides.  
d. BGCOLOR: The BGCOLOR attribute is used to change the background color of the table.
3. The ROWSPAN attribute applies when a single cell is extended for more than a single row; that is, the cell spans for 2 or more rows instead of 1. Whereas the COLSPAN attribute applies when a single cell is extended to more than a single column; that is the cell spans for 2 or more columns instead of 1.

**A.**

D	I	Y	B	E	S	B	S	R	E	J
R	S	T	A	R	T	O	Y	F	D	B
F	D	Y	C	Q	A	R	O	E	H	C
G	O	P	K	W	R	D	K	D	I	D
H	N	E	G	R	E	E	J	C	O	R
J	B	O	R	D	E	R	H	O	R	F
I	O	O	O	B	G	C	O	L	O	R
R	T	N	U	F	T	O	G	S	W	G
U	W	E	N	S	U	L	D	P	S	I
D	W	I	D	T	H	O	Z	A	P	M
O	A	F	U	Z	E	R	C	N	A	J
P	N	G	I	R	I	F	B	E	N	G
Q	T	T	H	H	G	A	H	R	F	X

- B.**
1. <OL> tag
  2. To complete the task Himansh should use <TABLE> tag and <CAPTION> tag.
  3. <COLSPAN> attribute

Do yourself.

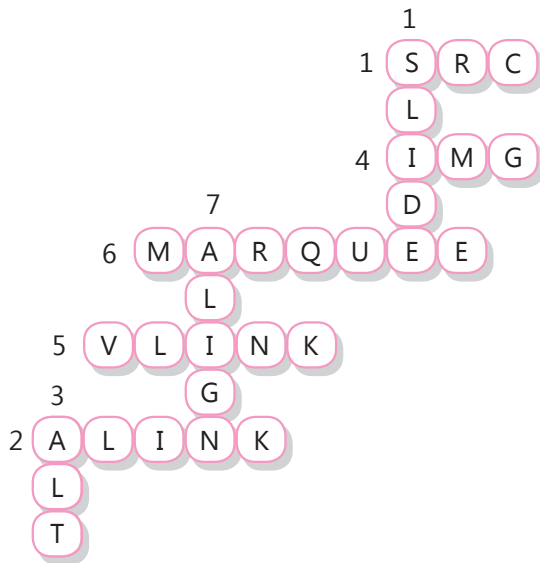
## 10. More on Html

- A.**
1. c.
  2. b.
  3. b.
  4. a.
  5. c.
  6. c.
  7. a.
  8. d.
- B.**
1. F
  2. F
  3. F
  4. T
  5. T
- C.**
1. Internal link
  2. <A>
  3. Direction
  4. <FRAMESET>
  5. <SELECT>
- D.**
1. b.
  2. d.
  3. a.
  4. c.

- A.**
1. HREF stands for Hypertext Reference. HREF takes the URL of the web page which we want to link when we create external linking.
  2. ALINK attribute is used to set the color of the active link.
  3. Frames is a feature which is used to display more than one web page on a single screen of the web browser.
  4. It specifies the thickness of the border surrounding the image.
  5. ROWS attribute is used to divide the window into horizontal sections.
- B.**
1. a. SCROLLAMOUNT indicates the speed of the moving object.  
The SCROLLAMOUNT = 1 means the slowest moving object.
  - b. HREF stands for Hypertext Reference. It takes the URL of the web page which we want to link when we create external linking.
  - c. ALT specifies the alternate text to be displayed in the web browser, if the provided image is not found. For example,  
`<IMG SRC="lily.jpg" ALT="Describing the flower">`
  2. SRC specifies the source or URL of the image that has to be inserted in the web page. For example, `<IMG SRC="lily.jpg">`  
WIDTH specifies the width of the image in the web page. For example,  
`<IMG SRC="lily.jpg" WIDTH="50 %">`
  3. `<A HREF="Display.html"> Display </A>`
  4. **FRAMEBORDER:** This attribute is used to define whether a border is to be created around the frame or not. The value taken by the attribute is 0 in case no border is to be shown and 1 in case a border is to be shown. For example,  
`<FRAME FRAMEBORDER="0">`  
**NORESIZE:** This attribute is used to restrict the user to resize the frame on the web page. For example,  
`<FRAME NORESIZE>`  
**SRC:** This attribute is used to define the URL or path of the web page which is to be linked to the frame. For example,  
`<FRAME SRC="frames.html">`

- A.**
1. `<FRAME>` Tag
  2. `<MARQUEE>` tag
  3. `<IMG>` tag

**B.**



Do yourself.

## Worksheet-2

(Based on chapters 7 to 10)

- A.**
1. A collection of programs required to store and retrieve data from a database is called Database Management System (DBMS).
  2. Datasheet view is the default view of the table. It shows all the fields and the records as entered by the user.
  3. Query allows user to retrieve information from a table based on some criteria or condition.
  4. A form is a database object used to create a user interface to enter or update a record in a table that is connected to it.
  5. This type of list is used to display the items in a sequential manner. <OL> tag is used to create an ordered list.
  6. The process of linking a particular section of the same web page is called interlinking.
- B.**
- |                     |           |
|---------------------|-----------|
| 1. Microsoft Access | ORACLE    |
| 2. Title Bar        | Ribbon    |
| 3. Short Text       | Hyperlink |
| 4. Select           | Parameter |
| 5. Type             | Start     |
| 6. Behaviour        | Direction |

- C.**
1. Field Properties Pane
  2. Design
  3. Date/Time
  4. Report
  5. Ordered List
  6. <TR>
  7. BGCOLOR
  8. ALINK
  9. TYPE
  10. <TEXTAREA>
- D.**
1. <INPUT TYPE="RADIO">
  2. <INPUT TYPE="BUTTON">
  3. <SELECT>

## Test Sheet–2

(Based on chapters 7 to 10)

### Section A

- A.**
1. a.
  2. c.
  3. (This question was printed incorrectly in the book, please correct it in your textbook.)

**Ques.** Which of the following rules is incorrect for naming a field in a table in Access?

- a. Field name can be up to 46 characters long
- b. Field name can include special characters such as the asterisk (\*) and dollar (\$)
- c. Field name cannot begin with the leading spaces
- d. Field name cannot include a double quotation mark (")

**Ans.** a.

4. a.
  5. c.
  6. c.
- B.**
1. F
  2. T
  3. T
  4. F
  5. F
  6. T
- B.**
1. List
  2. Relationship
  3. Run
  4. Ordered list
  5. <A>
  6. <SELECT>

### Section B

- A.**
1. Primary key is a unique field by which the records are uniquely identified in a table.
  2. Yes, we can add an image as background in a form of MS Access. Format tab is used to add an image in a form of Access.

3. <CAPTION> tag is used for defining the title of the table.
4. BORDER specifies the thickness of the border surrounding the image.

**B.** 1. Advantages of Database system are:

- (i) It minimizes the duplication of data by integrating and sharing the data files.
- (ii) It saves the storage space.
- (iii) All the users are provided with some access rights or privileges and permissions.
- (iv) The file can be easily updated whenever any changes are being made.

2. A form is a database object used to create, edit and display data stored in tables in a user-friendly manner. Three main views in which a form can be displayed are:

- (i) Form View
- (ii) Design View
- (iii) Layout View

3. <html>  
 <head>  
 </head>  
 <body>  
 <table border="1">  
 <tr>  
 <th rowspan="2"> Name</th>  
 <th rowspan="2"> Subject</th>  
 <th colspan="2"> Marks</th>  
 </tr>  
 <tr>  
 <th>Term 1</th>  
 <th>Term 2</th>  
 </tr>  
 <tr>  
 <td>Chirag</td>  
 <td>English</td>  
 <td>79</td>  
 <td>87</td>  
 </tr>  
 <tr>  
 <td>Divya</td>  
 <td>Math</td>  
 <td>88</td>  
 <td>83</td>  
 </tr>  
 </table>  
 </body>  
 </html>