

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

NUMBER SYSTEM

Chapter-1

CLASS 7

A. Match the following:

- | | |
|------------------------------|------------|
| 1. Binary number system | a. base 16 |
| 2. Octal number system | b. base 2 |
| 3. Decimal number system | c. base 8 |
| 4. Hexadecimal number system | d. base 10 |

B. Circle the correct option.

- The digital computer represents all kinds of data and information in (binary / octal) numbers.
- The (binary / decimal) number system consists of ten digits from 0 to 9.
- (Decimal / Octal) number system is used as a shorthand representation of long binary numbers.
- The (hexadecimal / octal) number system consists of 16 digits from 0 to 15.
- The positional value of each digit in octal number is (twice / thrice) the place value.

C. Write the full forms of the following:

- MSD –
- LSD –

D. Extract the binary number from the following example and write below:

2	64 – 0
2	32 – 0
2	16 – 0
2	8 – 0
2	4 – 0
2	2 – 0
	1 – 0

Binary number is:

Grade:



Teacher's Signature: _____

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

NUMBER SYSTEM

Chapter-1

CLASS 7

A. Tick (✓) the correct option.

- In binary addition, $1 + 1 =$
 a. 0 ☐ b. 10 ☐ c. 1 ☐ d. 11 ☐
- Which of the following is a valid octal number?
 a. 183 ☐ b. 965 ☐ c. 983 ☐ d. 345 ☐
- In binary number system, 1 Nibble is equal to
 a. 4 bits ☐ b. 8 bits ☐ c. 16 bits ☐ d. 1 bit ☐
- The digital computer represents all kinds of data and information in numbers.
 a. binary ☐ b. decimal ☐
 c. hexadecimal ☐ d. None of these ☐

B. Write 'T' for true and 'F' for false.

- A number system is simply a manner of counting.
- The base of decimal number system is 10.
- The word binary comes from 'Bi-' meaning two.
- The hexadecimal number system consists of 16 digits.

C. Answer the following questions:

- What is Number system?

- Define Radix.

- Convert the decimal number 44 into binary number.

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

ADVANCE FEATURES OF EXCEL

Chapter-2

CLASS 7

A. Read the clues and answer the following:

1. It is used to highlight cells that contain values greater than a particular value.
2. It is a way to arrange the data in ascending or descending order.
3. It is only used with numeric data.
4. It is a shortcut key used to print the worksheet.

B. Circle the correct option.

1. The Add Level button is available under (Insert tab / Sort dialog box).
2. The (Conditional / Optional Formatting) option is available in Styles group under the Home tab.
3. The Highlight Cells (Rules / Data Bars) option is selected when you want to highlight all cells satisfying a given condition.
4. The filters once applied (can / cannot) be easily removed.
5. The filter can also be applied through Sort & Filter group under the (Data / Review tab).

C. Write the name of command used to:

1. Add colour schemes to all selected cells slowly varying from top to bottom items.
2. Add icon sets to show which cells are acceptable, which are moderate and which need attention.
3. Add data bars to the cells having numeric data.

D. Name the following icons:



.....

.....

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

ADVANCE FEATURES OF EXCEL

Chapter-2

CLASS 7

A. Define the following:

1. Conditional Formatting:
2. Custom Sort:
3. Sorting:

B. Tick (✓) the correct option.

1. We use Sort A to Z option to sort

a. Numbers	<input type="checkbox"/>	b. Symbols	<input type="checkbox"/>
c. Text	<input type="checkbox"/>	d. All of these	<input type="checkbox"/>
2. The Sort & Filter command exist under the Editing group in the tab.

a. Home	<input type="checkbox"/>	b. Formula	<input type="checkbox"/>
c. Insert	<input type="checkbox"/>	d. Review	<input type="checkbox"/>
3. The Sort smallest to largest option is used to sort

a. Numbers	<input type="checkbox"/>	b. Symbols	<input type="checkbox"/>
c. Text	<input type="checkbox"/>	d. None of these	<input type="checkbox"/>
4. Under which tab, the Sort and Filter group to present?

a. Home	<input type="checkbox"/>	b. Data	<input type="checkbox"/>
c. Both a and b	<input type="checkbox"/>	d. None of these	<input type="checkbox"/>
5. Which of these is used to define your own rule for highlighting cells?

a. New Rule	<input type="checkbox"/>	b. Clear Rules	<input type="checkbox"/>
c. Create Rule	<input type="checkbox"/>	d. Add Rule	<input type="checkbox"/>
6. Under which tab of Excel the print option is present?

a. Data	<input type="checkbox"/>	b. Home	<input type="checkbox"/>
c. File	<input type="checkbox"/>	d. None of these	<input type="checkbox"/>

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

BUILDING ON ANIMATE CC

Chapter-3

CLASS 7

A. Fill in the blanks using the correct words.

1. There are types of tween in Animate CC.
2. To create a motion tween, Click on the in the Timeline.
3. FPS stands for
4. To apply motion tween, convert the shape into
5. The panel allows to change font, size, color, etc. of the selected text.
6. The option under Modify menu is used to format contents of text separately.
7. is used in Animate CC to hide a selected part from the audience.

B. Tick (✓) the correct option.

1. Which of these tween is a type of transition?

a. Motion	<input type="checkbox"/>	b. Classic	<input type="checkbox"/>
c. Shape	<input type="checkbox"/>	d. None of these	<input type="checkbox"/>
2. The default FPS in animate is set to FPS.

a. 45	<input type="checkbox"/>	b. 34	<input type="checkbox"/>
c. 24	<input type="checkbox"/>	d. 54	<input type="checkbox"/>
3. The timeline colour changes to when a shape tween is created.

a. Red	<input type="checkbox"/>	b. Purple	<input type="checkbox"/>
c. Green	<input type="checkbox"/>	d. Yellow	<input type="checkbox"/>
4. are sheets on which you place your drawings.

a. Timelines	<input type="checkbox"/>	b. Boards	<input type="checkbox"/>
c. Layers	<input type="checkbox"/>	d. Stages	<input type="checkbox"/>

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

BUILDING ON ANIMATE CC

Chapter-3

CLASS 7

A. Write 'T' for true and 'F' for false.

1. The automatic animation created in Animate CC is called Tween.
2. Classic tween is mainly used for transition purposes.
3. Motion tween smoothly morphs a rectangle into a star.
4. The Shape Tween is indicated by the Yellow colour on the Timeline.
5. The Break Apart option is used to split a word into individual characters.

B. Look at the grid given below and find the terms related to Animate CC.

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

C. Answer the following questions:

1. Define tween.
.....
2. What are the various types of tween available in Animate CC?
.....

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

HTML—LISTS AND TABLES

Chapter-4

CLASS 7

A. Circle the correct option.

1. An unordered list is also called (bulleted / numbered) list.
2. The (/) tag is used to define an unordered lists.
3. A list is a collection of (related / different) items.
4. The default bullet style is (Disc / Square) in HTML.
5. The (<TR> / <TD>) tag is used for defining table rows in HTML.

B. Read the clues and answer the following:

1. It is a combination of rows and columns in HTML.
2. It is a tag used for defining the title of a table.
3. It is an attribute used to give color to the border of the table.
4. It is a tag used to define an item in the list.
5. It is a tag used for defining table headings.

C. Identify the type of lists and write their names.

- | | | |
|-----------|------------|---------------|
| 1. Apple | • Sweaters | 1. Beverages |
| 2. Mango | • Caps | • Cold Drinks |
| 3. Orange | • Gloves | 2. Cappuccino |
| 4. Banana | • Jackets | • Hot Drinks |

.....

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

HTML—LISTS AND TABLES

Chapter-4

CLASS 7

A. Write the full form of the following:

1. <TR> -
2. <DT> -
3. <DL> -

B. Tick (✓) the correct option.

1. Which tag allows the user to insert a table in a web page?
 a. ☐ b. <TABLE> ☐ c. <A> ☐ d. ☐
2. Which of these is not an attribute of the <TABLE> tag?
 a. BORDER ☐ b. FRAMES ☐
 c. BGCOLOR ☐ d. SRC ☐
3. Which attribute is used to give color to the border of the table?
 a. BORDERCOLOR ☐ b. BGCOLOR ☐
 c. COLOR ☐ d. All of these ☐

C. Write 'T' for true and 'F' for false.

1. The START attribute always accepts an integer value.
2. Description list is used to create a bulleted list.
3. The <DT> tag is used to create a table in HTML.
4. The <TR> tag is used to create cells in the table.
5. The VALIGN attribute of the <TD> tag is used to align the position of text in the cell vertically.

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

CYBER SAFETY

Chapter-8

CLASS 7

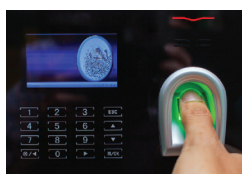
A. Read the clues and answer the following:

1. It is the process of verifying a user's identity before granting him or her access to a computer system.
2. It is a word or collection of characters used for user authentication to prove the identity or get approval to gain access to the computer.
3. It is a process of authentication in which biological characteristics such as fingerprint, etc. are used to check the identity of an individual.
4. It is the process to identify an individual by using his/her facial features.
5. It is the use of Internet, e-mail, instant messaging, etc. to harass, demean or intimidate someone else.

B. Circle the correct option.

1. Ciphertext (can / cannot) be easily understood by unauthorised people.
2. (Encryption / Decryption) is the process of converting encrypted data back into its original form.
3. You can back-up your files to one of the online backup services like (Google Drive / External Hard Disk Drive).
4. Cyber criminals portray (incorrect / correct) details as an employer for job frauds.

C. Name the following devices:



1.



2.



3.

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

CYBER SAFETY

Chapter-8

CLASS 7

A. Define the following:

1. Authentication-
2. Biometric Authentication-
3. Copyright -

B. Tick (✓) the correct option.

1. Which of the following is not an antivirus software?

a. Norton	<input type="checkbox"/>	b. AVG	<input type="checkbox"/>
c. McAfee	<input type="checkbox"/>	d. Worm	<input type="checkbox"/>
2. Which of the following is not a malware program?

a. Rootkit	<input type="checkbox"/>	b. Ransomware	<input type="checkbox"/>
c. Backdoor	<input type="checkbox"/>	d. SmartDog	<input type="checkbox"/>
3. A is a software or hardware-based network security system that controls the incoming and outgoing network traffic based on applied rule set.

a. Firewall	<input type="checkbox"/>	b. Password	<input type="checkbox"/>
c. Worm	<input type="checkbox"/>	d. Virus	<input type="checkbox"/>
4. Why do hackers break into the other's computer system?

a. To steal important data	<input type="checkbox"/>	b. To destroy the system	<input type="checkbox"/>
c. Both (a) and (b)	<input type="checkbox"/>	d. None of these	<input type="checkbox"/>

C. Write 'T' for true and 'F' for false.

1. Malware is a useful software.
2. LED stands for light-emitting data.
3. A Digital Footprint is an impression user creates while using the internet.

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

INTERNET SERVICES

Chapter-9

CLASS 7

A. Tick (✓) the correct option.

- is a cloud storage service provider.

a. OneDrive	<input type="checkbox"/>	b. Gmail	<input type="checkbox"/>
c. Facebook	<input type="checkbox"/>	d. None of these	<input type="checkbox"/>
- You must have a account to use the OneDrive service.

a. Microsoft website	<input type="checkbox"/>	b. Bank	<input type="checkbox"/>
c. Both a. and b.	<input type="checkbox"/>	d. None of these	<input type="checkbox"/>
- is an example of social networking website.

a. Facebook	<input type="checkbox"/>	b. Twitter	<input type="checkbox"/>
c. LinkedIn	<input type="checkbox"/>	d. All of these	<input type="checkbox"/>
- The process of writing blogs is called

a. Blog	<input type="checkbox"/>	b. Podcasting	<input type="checkbox"/>
c. Downloading	<input type="checkbox"/>	d. Blogging	<input type="checkbox"/>
- The process of making digital recordings (audio or video) that are available for downloading is called

a. Blogging	<input type="checkbox"/>	b. Podcasting	<input type="checkbox"/>
c. Auditing	<input type="checkbox"/>	d. None of these	<input type="checkbox"/>

B. Answer the following questions:

- Write the names of any three social networking websites.
.....
- Write the names of any two modes of payments.
.....
- Mention any two things which are not allowed to be posted on Quora.
.....

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

INTERNET SERVICES

Chapter-9

CLASS 7

A. Write 'T' for true and 'F' for false.

1. ATM is a part of e-banking.
2. Windows 10 operating system does not have an in built feature of One Drive.
3. Website is a collection of files and folders.
4. RSS is a collection of web feeds which could be headlines, videos, etc.
5. Length of the password created on Twitter is minimum 8 characters.
6. Quora is not a social networking media.
7. You can promote business ideas or marketing on Quora.

B. Fill in the blanks using the hints given below:

Hints: blogger, cash on delivery, communicate, information, Facebook, cloud storage, questions

1. COD stands for
2. Social media is a means to and share with a vast audience through websites.
3. is the biggest number of users social networking website.
4. A is a person who writes new posts about his experiences, opinions, stories, news, perspective, etc.
5. Quora is a platform to ask which interest you.
6. Companies can rent or buy from a service provider instead of owning and maintaining the complete computing infrastructure.