

VASISHTHA GENESIS SCHOOL, BABEN, BARDOLI

(Academic Session: 2026-27)

Date: _____	Class : 6	Div: A / B / C / D	Roll No: _____	Sub: IT
Name: _____			Revision WorkSheet : Term 1 PT-2	

Q1. Choose the correct option and answer the following questions:

- From the following which is an arithmetic operator?
(a) > (b) < (c) % (d) = _____
- Which function is used to display highest value in the range?
(a) Max() (b) Min() (c) Sum() (d) Count() _____
- There are _____ types of cell referencing.
(a) Three (b) Two (c) Five (d) Six _____
- Chatbots are used in :
(a) Education (b) Healthcare (c) E-commerce (d) All of these _____
- Which Chatbot was introduced in 1966?
(a) ELIZA (b) PARRY (c) ALEXA (d) Chat-GPT _____
- Eva stands for ?
(a) Electronic Virtual Assistant (b) Electrical Visual Assistant
(c) Electronic Visual Agency (d) Electronically Visualize Assistance

Q2. State whether the following statements are True or False:

- Formula is also called operators. False _____
- In PMT function, Pv stands for Past Value. False _____
- Pie chart has shape of round pie cut into slices. True _____
- EVA helps customers by answering banking-related questions. True _____
- NLP is the core technology of the Chabot. True _____
- IBM Watson Assistant understands natural language typed by users. True _____
- Function in excel begins with = sign. True _____

Q3. Fill in the blanks:

- Charts are graphical representation of data. _____
- Area chart display the magnitude of change over time. _____
- Topographic map is an example of 3D surface graph. _____
- Early chatbots worked using simple rules. _____
- Siri, Alexa and Cortana are Virtual Assistants. _____
- Smartbots are also called AI Chatbots. _____

Q4. Answer the following short answer type-I questions.

1. Name any four different types of charts available in MS-Excel.

Ans: Bar Chart , Pie Chart, Line Chart, Area Chart

2. Name any four components of charts.

Ans: Legend, Chart Area, Plot Area, Chart Title.

3. Name any three e-commerce platforms supported by Ochatbot.

Ans. Shopify , Magento , BigCommerce

4. Who created Cleverbot? Give two examples of popular Chatbots.

Ans. Cleverbot was created by Rollo Carpenter. Two examples of popular Chatbots are : Kuki_AI , Eva

Q5. Answer the following short answer type-II questions:

1. What are operators? Explain various types of operator used in Excel?

Ans. Operators are the symbols which are used to indicate a type of calculation. The various types of operators used in excel are:

i). Arithmetic Operators: It is used to perform mathematical calculations like addition, subtraction, division, etc.

ii). Comparison operators: It is used to compare two values and to return a value of TRUE or FALSE.

Example:- >, <, =, <>, etc.

iii). Reference Operators: This operators combine two cell ranges to create a single joint reference.

Example :- : ,

iv). Logical Operators: This operator are used to compare two or more relational expressions. Operators also give a single value as result TRUE or FALSE. **Example:-** AND, OR , NOT

2. Difference between ASR and TTS.

ASR	TTS
1. ASR stands for Automatic Speech Recognition. 2. ASR is used in a chatbot to convert human speech into text so that the chatbot can understand what the user is saying.	1. TTS stands for Text-to-Speech. 2. TTS is a technology used in chatbots to convert written text into spoken voice.

3. Difference between Bar chart and Pie Chart

Bar Chart	Pie Chart
Bar chart can be represented in a tabular format as well as in the pattern of columns.	Pie chart has a shape of round pie cut into slices which displays the contribution of each value to a total value.