

| Nam | ne: | | | | | | |
|------|-----|------------------------------|------------------------|-------------|----------------------|-----------------|-------|
| | | | | | | Computer | |
| Roll | | Santian. | Desta | | | Genius! | |
| Clas | S: | Section: | Date: | | | Chapter-1 | 7 |
| NU | MBI | ER SYSTEM | | | | Chapter 1 | |
| A. | Tic | k (√) the correct op | otion. | | | | CLASS |
| | 1. | In binary addition, | 1 + 1 = | | • • • • • | , | |
| | | a. 0 | | b. | 10 | | |
| | | c. 1 | | d. | 11 | | |
| | 2. | Which of the follow | ving is a valid octo | al nu | ımber? | | |
| | | a. 183 | | b. | 965 | | |
| | | c. 983 | | d. | 345 | | |
| | 3. | In binary number s | system, 1 Nibble is | s equ | uals to | · · · · · · · • | |
| | | a. 4 bits | | b. | 8 bits | | |
| | | c. 16 bits | | d. | 1 bit | | |
| | 4. | The digital compute numbers. | er represents all kind | ds of | data and information | onin | |
| | | a. binary | | b. | decimal | | |
| | | c. hexadecimal | | d. | None of these | | |
| В. | De | fine the following: | | | | | |
| | 1. | Number system | | | | | ì |
| | 2. | Radix | | | | | |
| | 3. | Binary addition | | • • • • • • | ••••• | ••••• | • • • |
| C. | Co | nvert the decimal r | number 44 into b | inaı | ry number. | | • • • |
| | | | | | | | • • • |
| | | | | | | | • • • |
| | | | | | | | • • • |
| | | | | | | | • • • |

Teacher's Signature:



| Name: | | | |
|----------|----------|-------|----------|
| Roll No: | | | Computer |
| Class: | Section: | Date: | Genius! |
| Cluss. | Section. | Dale. | |

NUMBER SYSTEM

Chapter-1

A. Match the following:

Binary number system

base 16 a.

2. Octal number system

base 2

3. Decimal number system

- base 8
- 4. Hexadecimal number system
- d. base 10

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. 2.
- 3. (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 9 and A to F.
- There are (four/five) types of number systems.

Write the full forms of the following:

- 1.

D. Extract the binary number from the given 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:













WORKSHEET (1)

| Name | e: | | | | | | |
|--------|-------|------------------------------|---------------|-------|--------------------------------|-----------|-------|
| Roll N | ۱o: _ | | | | | puter | |
| Class | : | Section: | Date: | | Ger | ius! | |
| APF | ם י | EVELOPMENT | | | | Chapter-2 | 55 7 |
| A. | Ticl | k (✓) the correct option. | , | | | | CLASS |
| | 1. | Which of the following u | ıses apps? | | | | |
| | | a. Hand-held devices | | b. | Laptops | | |
| | | c. Desktop | | d. | None of these | | |
| | 2. | deve | loped Andro | oid. | | | |
| | | a. Google | | b. | Playstore | | |
| | | c. Apple Inc. | | d. | Microsoft | | |
| | 3. | platf | orm depend | ent | apps. | | |
| | | a. Native apps | | b. | Hybrid apps | | |
| | | c. Web apps | | d. | None of these | | |
| | 4. | is no | t a gaming a | pp. | | | |
| | | a. Talking tom | | b. | PUBG | | |
| | | c. Angry Birds | | d. | Candy Crush | | |
| | 5. | Which of the following i | s an appstor | e foi | android devices. | | |
| | | a. App Store | | b. | Microsoft Store | | |
| | | c. Play Store | | d. | All of these | | |
| В. | Wri | ite 'T' for true and 'F' for | false. | | | | |
| | 1. | Apps were not develope | ed for deskto | ps. | | | • • • |
| | 2. | Linux is a desktop opera | ting system. | | | | • • • |
| | 3. | Native apps require han | d-held devic | es fo | or installation. | | • • • |
| | 4. | Mobile apps cannot be | used without | t int | ernet connectivity. | | • • • |
| | 5. | Apps in the Google Play | Store are no | t ve | rified and certified by Google | • | • • • |
| | | | | | | | |

Teacher's Signature:

Grade:





| Nar | ne: | | | |
|------|-----|---|---------------------|------------------------|
| Roll | No: | | | Computer |
| Clas | ss: | Section: Date: | | Genius! |
| AP | P D | EVELOPMENT | | Chapter-2 |
| A. | Fil | in the blanks using the hints given be | low. | |
| | Hi | nts: hand-held, mobile app, web, native, | mobile | _ |
| | 1. | Hybrid apps created by combining apps. | the features of | and |
| | 2. | Android application is developed for and tablets. | device | es such as smartphones |
| | 3. | Android is an operating system for | devices | developed by Google. |
| | 4. | To use a, you need to | o install it first. | |
| B. | An | swer the following questions: | | |
| | 1. | What is an application? | | |
| | | | | |
| | 2. | Define web apps. | | |
| | | | | |
| | 3. | State a difference between a web app a | nd a native app. | |
| | | | , | |
| | 4. | State a benefit of e-commerce app. | | |
| | | | , | |
| C. | Gu | ess who am I? | | : |
| | 1. | I am an app store developed by Google | • | • |
| | 2. | I am an app store developed by Apple I | nc. | • |
| | 3. | I am a free app development tool, provi | ded by Google. | • |



I am a mobile operating system developed by Apple Inc.





| Nan | ne: | | | |
|------|-----|--|-----------------|-------|
| Roll | No: | Co: | mputer | |
| Clas | ss: | Section: Date: | enius! | |
| AD | VAN | NCED FEATURES OF EXCEL 2016 | Chapter-3 | 1 |
| A. | Re | ad the clues and answer the following: | | 5 |
| | 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 used to separate unwanted material from a mixture. | | • |
| | 4. | It is a shortcut key used to print the worksheet. | | ٠ |
| В. | Cir | rcle the correct option. | | |
| | 1. | The Add Level button is available under (Insert tab / Sort dialog bo | ox). | |
| | 2. | The (Conditional / Optional) Formatting option is available in Style the Home tab. | es group unde | r |
| | 3. | The (Highlight Cells Rules / Data Bars) option is selected when you wall cells satisfying a given condition. | ant to highligh | t |
| | 4. | The filters once applied (can / cannot) be easily removed. | | |
| C. | Wr | rite the name of the command used to: | | |
| | 1. | Add colour schemes to all selected cells slowly varying from top to | bottom items | • |
| | | | | ۰ |
| | 2. | Add icon sets to show which cells are acceptable, which are mode need attention. | erate and which | 1 |
| | | | | • |
| | 3. | Add data bars to the cells having numeric data. | | • • |
| D. | Na | me the following icons: | | • • • |
| | | A T | | • • |





WORKSHEET 2

| Name: | | | | | | |
|----------|--------------------------|-----------------|-------|---|---------------------------------------|---------|
| Roll No: | | | | | mputer | |
| Class: | Section: | Date: | | | enius! | |
| ADVA | NCED FEATURES OF | EXCEL 201 | 6 | | Chapter-3 | S 7 |
| A. Ti | ck (√) the correct optio | n. | | | | CLASS |
| 1. | We use Sort A to Z op | tion to sort | | • | | |
| | a. Numbers | | b. | Symbols | | |
| | c. Text | | d. | All of these | | |
| 2. | Sort & Filter command | d exist under w | /hicl | n tab of Editing group? | | |
| | a. Home | | b. | Formula | | |
| | c. Insert | | d. | Review | | |
| 3. | The Sort smallest to la | rgest option is | use | ed to sort | | |
| | a. Numbers | | b. | Symbols | | |
| | c. Text | | d. | None of these | | |
| 4. | Sort & Filter group exi | st under the w | hich | n tab? | | |
| | a. Home | | b. | Data | | |
| | c. Both (a) and (b) | | d. | None of these | | |
| B. Ex | plain the following: | | | | | |
| 1. | Conditional Formattin | ıg | | | | |
| | | | | • | | • |
| 2. | Custom Sort | | | | | |
| | | | | | | • • • • |
| 3. | Sorting | | | | | |
| | J | | | | | • • • • |
| | | | | | · · · · · · · · · · · · · · · · · · · | • • • • |
| | | | | | | |

















| Name: | | | |
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| Roll No: | | | Computer |
| Class: | Section: | Date: | Genius! |

CODING AND FLOWCHART

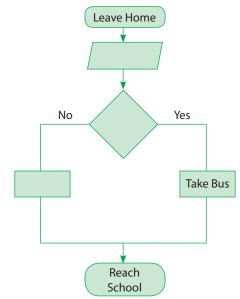
Chapter-4

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

- 1. Rectangle is used to show the start and stop points of the flowchart.
- 2. Using flowchart problem can be analysed more efficiently.
- 3. While drawing flowcharts we have to use standard symbols.

B. Complete the following flowchart to reach school on time:

Check time Before 7AM Take Metro



C. Answer the following questions:

| 1. | Define Algorithm. |
|----|---|
| | |
| _ | |
| 2. | Write any one advantage and disadvantage of using flowcharts. |

















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| Roll | No: | | Computer | |
| Clas | ss: | Section: Date: | Genius! | |
| CO | DIN | G AND FLOWCHART | Chapter-4 | 7 |
| A. | Re | -write the following sentences correctly: | | 5 |
| | 1. | Flowchart doesn't help in debugging and testing process. | | |
| | | | | |
| | 2. | An algorithm can be only represented with the help of flowc | harts. | |
| | | | | |
| | 3. | Diamond symbol can be used to input the information in the | e flowchart. | |
| | | ••••• | • | |
| B. | Co | mplete the following sentences: | | |
| | 1. | In a flowchart represent the direction of fl | ow among the steps. | |
| | 2. | An algorithm can be represented in as well a | as | |
| | 3. | While drawing flowcharts we have to work in a | direction. | |
| C. | An | swer the following questions: | | |
| | 1. | What type of symbols are used for the flowchart? | | |
| | | ••••• | • | |
| | | ••••• | | |
| | 2. | Create a flowchart to find out whether the current year is a le | eap year or not. | |
| | | | | • • |







WORKSHEET (1)

| Naı | ne: | | | | | |
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| Roll | No: | | | | Computer | |
| Cla | ss: | Section: D | Oate: | | Genius! | |
| ΛГ | \/ A A | ICED MYRECUDE YDCYDE | | | Chapter-5 | 7 |
| AL | | ICED MAKECODE ARCADE | | | | CLASS |
| A. | Tic | k (\checkmark) the correct option. | | | | づ |
| | 1. | What does the 'continue' stat | ement do? | | _ | |
| | | a. Starts a loop | | b. Ends a loop | | |
| | | c. Skips to next iteration | | d. Restarts a loop | | |
| | 2. | Where are custom functions | defined in | MakeCode? | _ | |
| | | a. Math blocks | | b. Loop blocks | | |
| | | c. Advanced blocks | | d. Logic blocks | | |
| | 3. | What do text blocks allow ge | enerating? | | | |
| | | a. Images | | b. Dialogue | | |
| | | c. Scores | | d. Levels | | |
| | 4. | Which blocks help debug co | de in Make | Code? | _ | |
| | | a. Variable blocks | | b. Extension bloc | :ks | |
| | | c. Console blocks | | d. Info blocks | | |
| В. | | l in the blanks using the hint | | ow. | | |
| | | nts: Game blocks, Else, Loops, | | | | |
| | 1. | pauses th | | • | | |
| | 3. | Complex algorithms use helps mai | | · | · | |
| | 3. 4. | The | - | | | |
| C. | | ite 'T' for true and 'F' for false | | mienan n condici | 711 13 Talise. | • • • |
| С. | 1. | Nested loops have multiple I | | ins. | | |
| | 2. | Variables hold fixed values th | | | | • • • • |
| | 3. | Data types restrict what valu | | _ | | • |
| | | | | | | • |
| | 4. | The while loop runs indefinit | ely without | . an exit criteria. | | • |

Teacher's Signature: _





| Nar | ne: | | | |
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| Roll | No: | | | Computer |
| Cla | ss: | Section: | Date: | Genius! |
| ΑD | VAN | NCED MAKECODE A | RCADE | Chapter-5 |
| Α. | An | swer the following qu | uestions: | |
| | | What is an exit criteria | | |
| | 2. | What are the benefits | of using sequences in | code? |
| | 3. | What is a bug? | | |
| | 4. | Give two examples of | f collections. | |
| | 5. | | s allow controlling in M | |
| В. | Ma | atch the following: | | |
| | 1. | Modulus | | a. += |
| | 2. | Simple assignment o | perator | b. /= |
| | 3. | Add AND assignment | toperator | c. %= |
| | 4. | Divide AND assignme | ent operator | d. *= |
| | 5. | Modulus AND assigni | ment operator | e. % |
| | 6. | Multiply AND assignn | nent operator | f. = |
| C. | Wr | rite the description of | the following operati | ons: |
| | 1. | Addition | | |
| | 2. | Increment | | ······································ |
| | 3. | Decrement | | |
| | 4. | Multiplication | | |







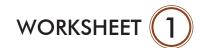








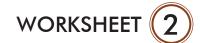




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| Roll | No: | Com | puter | | | |
| Clas | ss: | Section: Date: | nius! | | | |
| FIE | ELD | 5 WHERE ROBOTS ARE USED | Chapter-6 | | | |
| A. | Fill | in the blanks using the hints given below. | | | | |
| | Hir | nts: Cui Runguan, BigDog, Odaiba, da Vinci, Robonaut 2, Unimate | | | | |
| | 1. | was the first industrial robot used on assembly lir | ies. | | | |
| | 2. | is a four-legged military robot that can climb stair | S. | | | |
| | 3 is a customer service robot that works in shopping centers. | | | | | |
| 4 slices noodles and tosses them into boiling water. | | | | | | |
| | 5. | The surgical system allows doctors to operate wit | h precision. | | | |
| | 6. | was designed by NASA for repair and maintenance | e in space. | | | |
| B. | Wr | ite a short note on the different fields where robots are used. | | | | |
| | 1. | Security and Surveillance - | | | | |
| | | | | | | |
| | _ | | | | | |
| | 2. | Military | | | | |
| | | | | | | |
| | 3. | Manufacturing - | | | | |
| | • | | | | | |
| | | | | | | |







| Nam | e: _ | | | | | | |
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| Roll 1 | No: | | | | | Computer | |
| Class | s: | Section: | Date: | | | Genius! | |
| | | C WHERE BOROTE ARI | LUCED | | | Chapter-6 | 7 |
| FIE | LU | S WHERE ROBOTS ARE | T OPED | | | | CLASS |
| A. | | (k ()) the correct option. | •• | •1 | | | 7 |
| | 1. | Which robot helps with s | ecurity and s | | | | 1 |
| | | a. Spot | | | Atlas | | |
| | | c. Herbie | | | Flyability | | J |
| | 2. | Which was the first robot | used in mar | nufacti | uring? | | |
| | | a. Omnibot 2000 | | b. | Unimate | | |
| | | c. Tomy Omnibot | | d. | PUMA 560 | | |
| | 3. | Which robot looks like a t | ank in the m | ilitary | ? | | |
| | | a. MAARS | | b. | PackBot | | |
| | | c. Crusher | | d. | MULE | | |
| | 4. | Which robot can recognize | ze and chat v | with cu | ustomers? | | |
| | | a. Pepper | | b. | Sophia | | |
| | | c. Nadine | | d. | Atlas | | ĺ |
| В. | Wr | rite 'T' for true and 'F' for f | alse. | | | | |
| | 1. | Flyability is a security dro | ne. | | | | • |
| | 2. | Unimate worked on asse | mbly lines in | the 19 | 960s. | | • |
| | 3. | Nadine is a customer serv | vice robot. | | | | • |
| | 4. | Moley is a sushi chef robo | ot. | | | | • |
| | 5. | Da Vinci performs simple | surgeries. | | | | • |
| | 6. | Robonaut was the first ro | bot in space | • | | | • • • • |
| C. | An | swer the following quest | ions: | | | | • • • |
| | 1. | How do robots help with | security? | | | | • • • |
| | | | | | | | |
| | 2. | Where was the first indus | trial robot U | nimate | e used? | | • • • |
| | | | | | | | |

Teacher's Signature:

Grade:

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Computer Genius!

Chapter-7

CLASS

Name:

Roll No:

Class: Section:

Date:

EXPLORING MATH WITH CODING

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

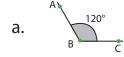
- 1. Strictly Less operator is used if the left value is less than the right value.
- 2. When an angle measure 270 degrees, it will be called as an Obtuse angle.
- 3. Run button is used to get the result of the program.

B. Match the following:

Column A

- 1. Straight Angle
- 2. Reflex Angle
- 3. Obtuse Angle
- 4. Right Angle

Column B



- b. 180°
- C. B 90°
- d. A B C

C. Answer the following questions:

- 1. What do you understand by the term Nested if-else statements? Also write a program to illustrate it.
- 2. Define angle and its types.













Teacher's Signature:



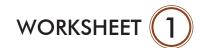


| Nui | ne: | | |
|------|------|---|-----|
| Roll | No: | | |
| Cla | ss: | Section: Date: Genius! | |
| EX | PLO | ORING MATH WITH CODING | 7 |
| A. | Fill | l in the blanks using the hints given below. | • |
| | Hi | nts: Greater than or equal to, two variable or values, NOT | |
| | 1. | operator reverses the logic of the code when the conditions are false. | |
| | 2. | Relational operators are block of commands that direct the code based on the relation between | |
| | 3. | operator is used when the left value is greater than or equal to the right value. | |
| B. | Со | rrect the following statements: | |
| | 1. | OR operator is used when both questions are correct. | |
| | | | |
| | 2. | When an angle measure exactly 180 degrees is called complete angle. | |
| | 3. | <=is used when the left value is less than the right value. | |
| C. | An | swer the following questions: | |
| | 1. | List the number of relational operator that can be used in AI connect with their symbol and descriptions. | |
| | | ••••••••••••••••••••••••••••••••••••••• | • • |
| | | | • • |
| | 2. | Write a program to find out the number of vowels used in a word "Artificial Intelligence". | • • |
| | | | |
| | | | • |

Teacher's Signature: _



Name:



| Roll | No: | | Computer |
|------|------|--|-----------------------|
| Clas | ss: | Section: Date: | Genius! |
| EX | PLC | DRING SCIENCE WITH CODING-1 | Chapter-8 |
| A. | Wr | ite 'T' for true and 'F' for false. | |
| | 1. | To calculate speed of an object we use the formula S=D/T. | |
| | 2. | Multiplication can only be carried out on Integer. | |
| | 3. | m/s is the unit of time. | |
| B. | Fill | in the blanks using the hints given below. | |
| | Hiı | nts: directly, inversely, subtraction, divide | |
| | 1. | Speed is proportional to Distance an proportional to Time. | nd |
| | 2. | operator is used to perform mathematic variables. | al subtraction of two |
| | 3. | To convert minutes to hours the number | of minutes by 60. |
| C. | An | swer the following questions: | |
| | 1. | Distinguish between addition and subtraction operators. | |
| | | | |
| | | | |
| | 2. | Define Average speed. | |
| | | | |

















| Naı | ne: | | | | | |
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| | No: | | | | Computer | |
| | | Section: | Date: | | Genius! | |
| ΕX | PLI | DRING SCIENCE WITH | I CODING- | -1 | Chapter-8 | |
| Α. | | -write the following se | | _ | | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
| 710 | 1. | To convert kilo meter in | | • | | |
| | | | | | | • |
| | 2. | The SI unit of speed is f | feet. | | | |
| | | | | | • | • |
| | 3. | Modulus operator is us | sed to perfo | rm the mathematical di | vision of two variables. | |
| | ٥. | · | • | are madrematical at | | |
| В. | Ma | atch the following: | | | | |
| υ. | | llumn A | Co | lumn B | | |
| | 1. | Time | a. | 50 | | |
| | 2. | Average Speed | b. | Total Distance Travelle | d/Total Time taken | |
| | 3. | Modulus | C. | Distance/Speed | | |
| | 4. | (10*5) | d. | % | | |
| C. | An | swer the following que | estions: | | | |
| | 1. | Define mathematical o | perator? | | | |
| | | | | | | |
| | | | | | | • • • |
| | 2. | Write a program to cald | culate the a | nswer of (97%3). | | • • |
| | | | | | | |
| | | | | | | |





| Nar | me: | | |
|------|---|-----------------------|---|
| Roll | No: | | Computer |
| Cla | ss: Section: | Date: | Genius! |
| EX | PLORING SCIENCE WITH | ODING-2 | Chapter-9 |
| A. | Complete the following ser | ences: | |
| | 1. Clinical thermometer bu | contains | • |
| | 2. The formula to calculate | orce is | •••••• |
| | If the value of a solution random nature. | nges from 11-13, it w | vill be more likely to |
| B. | Match the following: | | |
| | Column A | Column B | |
| | 1. | a. Alkaline | |
| | 2. | b. Force | |
| | 3. | c. Acidic | |
| | 4. | d. Neutral | |
| c. | Answer the following quest | ons: | |
| | 1. What do you understand | by the term clinical | thermometer? |
| | | | |
| | | | |
| | 2. Illustrate second law of n | otion. | |



















| Nar | ne: | | | | | |
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| Roll | No: | | | | Computer | |
| Clas | ss: | Section: | Date: | | Genius! | |
| EX | PLO | IRING SCIENCE WIT | TH CODING-2 | | Chapter-9 | 1 |
| A. | Re | write the following s | sentences corre | ectly: | | |
| | 1. | A scientist, named Iss | sac Newton, de | veloped three Laws o | of Momentum. | |
| | | | | | | |
| | 2. | The elif keyword is ed | quivalent to "if-c | do" block in Al conne | ct. | |
| | | | | | | |
| | 3. | The pH value of batte | ery is Alkaline ir | nature. | | |
| В. | c:II | in the blanks using t | | helow | | |
| D. | | nts: Thermometer, rem | | below. | | |
| | 1. | | a quantitative | measure of the acidi | ty or basicity of aqueous | |
| | 2. | An object in motion vacts on it. | vill | in motion, | a net force | |
| | 3. | is | an instrument | used to measure tem | perature. | |
| C. | An | swer the following q | uestions: | | | |
| | 1. | Define Force. | | | | |
| | | | | • | | |
| | 2. | Write a program to co | onvert the temp | perature from Fahrer | heit into Celsius. | • |
| | | [Hint: (°F-32)*5/9] | | | | • |
| | | | | • | | • |



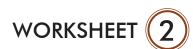




| Nai | ne: | | | | | | | |
|------|--|--|---|---|--|--|--|--|
| Roll | No: | | | Computer | | | | |
| Cla | ss: | Section: | Date: | Genius! | | | | |
| ΑI | IN F | REAL WORLD | | Chapter-10 | | | | |
| Α. | | ite 'T' for true and | /E/forfolco | | | | | |
| A. | | | | | | | | |
| | 1. | We cannot check | if a person is smiling or not u | using Al. | | | | |
| | 2. | Now a days AI is u | sed for security purposes. | ••••• | | | | |
| | 3. | We can create cod | ling of any program with the | e help of Al. | | | | |
| B. | Arı | ange the followin | g steps in correct sequenc | e | | | | |
| | Ste | p 1: Click on the Bro | wse button to select the imag | e from the system and click on submit. | | | | |
| | Step 2: Click on the 'Load image' block. | | | | | | | |
| | Ste | Step 3: After that click on the 'Run' button and check the result. | | | | | | |
| | | | | | | | | |
| | | • | | | | | | |
| | | | | | | | | |
| _ | NA7 | | | | | | | |
| C. | | | le of the following block co | oae. | | | | |
| | 1. | Block Code | • | • | | | | |
| | | Load Image | • | • | | | | |
| | | | | | | | | |
| | 2 | Textual code | | • | | | | |
| | 2. | Block Code | | | | | | |
| | | Load Image | | ••••• | | | | |
| | | ⊘ if | • | • | | | | |
| | | do | • | • | | | | |
| | | else | | | | | | |
| | | | | | | | | |
| | | Textual code | | | | | | |





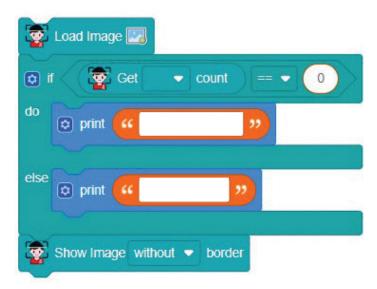


| Name: | | | |
|----------|----------|-------|----------|
| Roll No: | | | Computer |
| Class: | Section: | Date: | Genius! |

AI IN REAL WORLD

Chapter-10

- A. Re-write the following sentences correctly:
 - 1. Get facial feature block is used to detect a person's eye.
 - 2. For loop command is used in the coding of the program of eye detection.
 - 3. We click on the reset button to check the result.
- B. Complete the following block code to check whether the person is wearing hat or not.



- C. Answer the following questions:
 - 1. List some of the applications of Al.
 - 2. Write a short note on Al.







| Nar | ne: | | | | | | | |
|------|-----------|--|--------------|------------------------|------------------|--|--|--|
| Roll | No: | | | | Computer | | | |
| Cla | ss: | Section: | Date: | | Genius! | | | |
| TE | XTUAL C | DDING | | | Chapter-11 | | | |
| A. | Complete | the following s | entences: | | | | | |
| | 1 | is the basic form of computers programming. | | | | | | |
| | 2. A vari | A variable is created when a value is assigned with the help of an | | | | | | |
| | 3 | invo | olves writin | g lines of code. | | | | |
| В. | Match the | e followings: | | | | | | |
| | Column A | 1 | Co | lumn B | | | | |
| | 1. Intege | er | a. | bool(_) | | | | |
| | 2. Print | | b. | str(_) | | | | |
| | 3. Boole | an | C. | int(_) | | | | |
| | 4. String | I | d. | print(_) | | | | |
| C. | Answer tl | he following que | estions: | | | | | |
| | 1. Differ | entiate between | Power and | Modulus operator. | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | 2. Write | a program to cal | culate the s | sum of even numbers be | etween 12 to 40. | | | |
| | | | | | | | | |









| Nar | ne: | | |
|------|-----|---|-------|
| Roll | No: | | |
| Clas | ss: | Section: Date: Genius! | |
| TE | ΧΤι | JAL CODING Chapter-11 | 7 |
| A. | Re | -write the following sentences correctly: | טועני |
| | 1. | Divide left operand by the right one always result into integer. | |
| | | ••••••••••••••••••••••••••••••••••••••• | |
| | 2. | A variable can start with a digit. | |
| | 3. | To print a message on screen, we do not need to enclose them in double quotes. | |
| В. | Fil | l in the blanks using the hints given below. | |
| | Hi | nts: Boolean, Print, Arithmetic | |
| | 1. | The command can be used to provide the information anywhere in the code. | |
| | 2. | Python uses data types for true and false condition. | |
| | 3. | operations are used in python for performing mathematical operations on variables and values. | |
| C. | An | swer the following questions: | |
| | 1. | Differentiate between print and input command. | |
| | | | |
| | | •••••• | • • |
| | 2. | Write the textual code to print your number of marks scored in unit test. | |
| | | | • • |
| | | | • • |

