CHUMEY HIGHER SECONDARY SCHOOL

BUMTHANG DZONGKHAG

TRIAL EXAMINATION,2022

CLASS: VIII   **TOTAL MARKS:** 40

SUBJECT: ICT   **TIME:** 1 ½ hrs.

INDEX CODE:											

READ THE FOLLOWING INSTRUCTIONS CAREFULLY:

1. ***Do not*** *write for the first fifteen minutes. This time is to be spent on reading the questions. After having read the questions, you will be given one hour fifteen minutes to answer all questions.*
2. *In this paper, there are **two sections:** Section A and Section B. you are expected to answer **ALL** the questions from both the sections.*
3. ***Do not*** *leave the examination hall before you have made sure that you have answered all the questions.*

FOR MARKERS USE ONLY					
QUESTION	**Question**	**ITEMS FULL MARKS**	**AWARD**	**CHANGE IF ANY**	**MARKER'S INITIAL**
Section A Question 1	A				
	B				
	C				
Section B Question 2	I				
	ii				
	iii				
	iv				
	v				
	vi				
	vii				
	viii				
	ix				
	x				

Section A

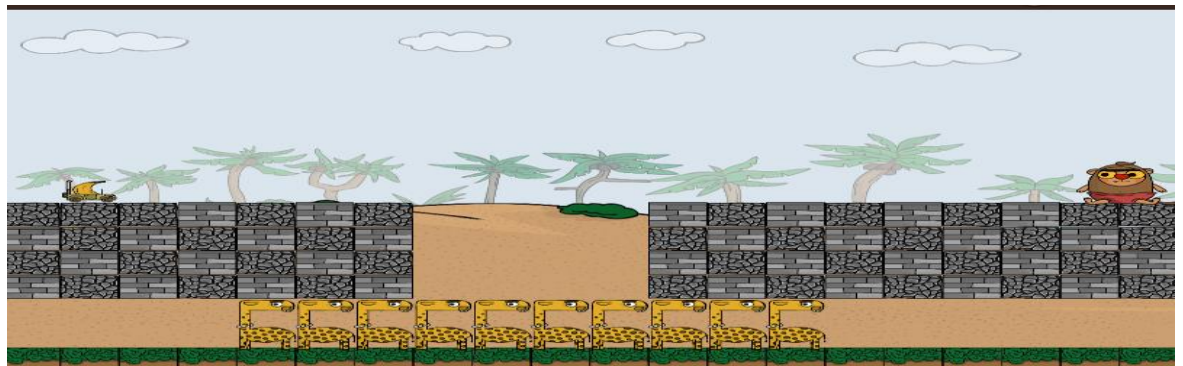**Question 1(Multiple Choice Question)** [10]

*Direction: For each question, there are four alternatives: A, B, C and D. Choose the correct alternative and **Circle** it on your answer sheet.*

Question 1A

i.   In the present era, the numbers of programmers are increasing with outmost interest on programming or coding. Usually in the process of coding, programmers encounters with the mistakes or errors in some line of codes. The process of locating and removing coding mistakes in computer programs is referred as
    A. Errors
    B. Debugging
    C. Rectifying
    D. Removing

ii. What should be the value for X and Y in the codes given below so the bridge can be formed by the giraffes for the banana to reach to the baby monkey?

1	for index in range(**X,Y**):
2	giraffes[index].height = 5

    A. 3, 7
    B. 5, 8
    C. 3, 6
    D. 4, 7

iii. Given below are the reason behind using CodeMonkey **EXCEPT**
    A. Game-based challenges and exercises for kids
    B. Easy and user-friendly platform
    C. Creative graphic or picture design
    D. Teaches programming concepts through games

iv. Lists are a way of grouping similar objects together, so we don't have to give everyone its own name. From the given below identify the example of list.
   A. Sankes.length = 10
   B. Giraffes.height = 10
   C. Sanke[0].length = 10
   D. Snakes[0].length = 10

v. A person who blogs is called
   A. bogger
   B. vlogger
   C. blog
   D. bloog

vi. The public service delivery initiative – G2C that uses ICT as a medium is one of the key activities of the government to strengthen public services. The followings services are available in G2C website **EXCEPT**
   A. Census Services
   B. Land Tax Services
   C. PassPort Services
   D. Food Services

vii. Given below are the reason behind using CodeMonkey except:
   A. Game-based challenges and exercises for kids
   B. Easy and user-friendly platform
   C. Creative graphic or picture design
   D. Teaches programming concepts through games

viii. It is a form of communication that computers use to perform specific functions. It is a type of language used to create things like video games, computer software, websites, and apps which is referred as...
   A. CodeMonkey
   B. Code
   C. Coder
   D. Content

ix. Blogging refers to writing, photography and other media that individuals publish online on regular basis. Identify the statement from the followings that **DOES NOT** describes blogging.
   A. Anyone with access to internet can start the blog
   B. Others who reads the blog can give comments
   C. Someone who blogs is called writer.
   D. Money cannot be made out of blogging

x. A student has been asked to create a video for the Birth anniversary of His Majesty Jigme Singye Wangchuk on November 11. Identify the correct video production process from the followings to create the video.
   A. Planning > Recording > Editing > Sharing
   B. Planning > Editing > Recording > Sharing
   C. Recording > Sharing > Sharing > Editing
   D. Sharing > Editing > Recording > Planning

Question 1B   *[5 marks]*

Direction: Fill in the blanks with an appropriate word(s). Write the answers in the sheet provided

i. Every Government must ensure that quality public services are provided to its citizens within the shortest possible time. Therefore, use of _____ services has to be encouraged in 21st century.

ii. For the giraffes and snakes the length and height properties are applied and it is used to remember every length and height of the snakes and giraffes. The _____ method does not "remember" the height of the water, it just performs the action on a whale

iii. _____ is a collection of code and data used to represent something.

iv. In Python, any line beginning with _____ is a comment. Comments don't count against students' line totals when it comes to earning stars and it purpose it to convey or provide the information to the users.

v. In the classroom there different types of learner, some learn through audio and some of them learns through visual. An electronic medium for the recording, copying, playback, broadcasting, and display of moving visual media is referred as _____

Question 1C   *[5 marks]*

State whether the following statements are True or False in the space provided.

Statement	True / False
I. The Ms. PowerPoint presentation is used to create an interactive presentation slides and we can also create presentation slides using Ms. Word document and Ms. Excel.	
II. We can use G2C services at anywhere without internet connection but only thing we need is a computer.	
III. The process of video editing requires video maker software in order to edit images, text and videos. We can also add effects to our video	
IV. Some companies maintain blog in addition to their website. They add a blog section to the company website. The purpose of having a blog is to gather information.	
V. Facebook, Instagram, We Chat are the best example for the blog.	

Section B (Short Answer Questions)

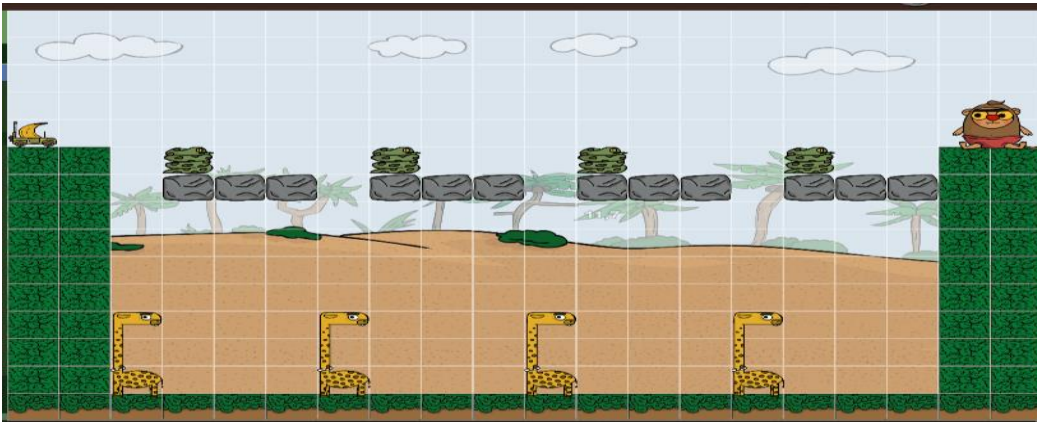## Question 2.   *[20 marks]*

Direction: Answer the following questions as directed and the answers must be written in the sheet provided. The marks for each question are given in the brackets.

i. Study the problem given in the figure below. Write a program using for loop, index and range?

[2 marks]

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ii. CodeMonkey was founded in 2014 by Jonathan Schor. It was founded based on Jonathan's successful experiences in teaching young children to code through playful activitie**s**. Mention the reason behind creating CodeMonkey?   [**2 marks**]

iii. To meet the certain condition we use for loop statement and we execute the codes. Explain on what is for loop statement and its syntax?   [**2 marks**]

iv. Define range function and its syntax? [**2 marks**]

v. In CodeMonkey, there is a place called console where our output is printed using print function. Briefly explain what is mean by print function and its syntax? [**2 marks**]

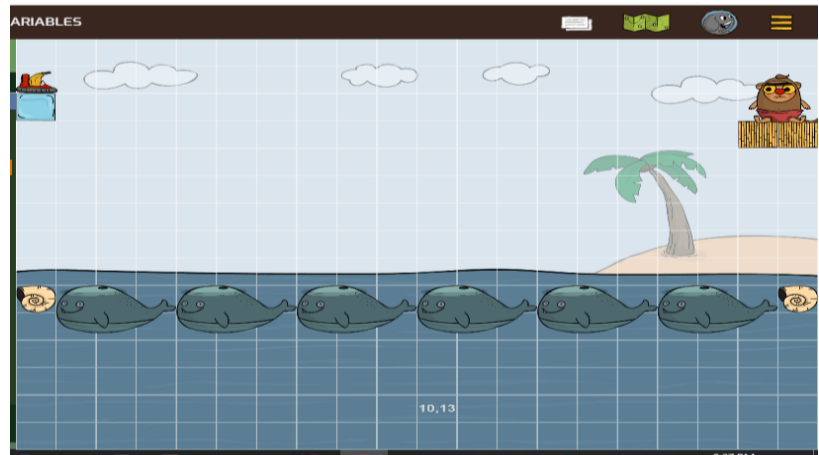vi. Define sequencing and what happens when we hovering our mouse over object? [**2 marks**]

vii. We can refer or use the individual object name in our code to make a bridge, so that we can get the banana towards baby monkey. There is another way out using list, now explain what does it mean by list? [**2 marks**]

viii. In computing language there is a term called Index or indexing, I want you to mention how different indexing is with compare to our spoken language? [**2 marks**]

ix. Clearly examine the picture provided below and write a program using variable name called "height" not directly assigning the value? [**2 marks**]

x. What does it mean by variable and mention the types of data that can be stored? [**2 marks**]