CHUMEY HIGHER SECONDARY SCHOOL
BUMTHANG
ANNUAL EXAMINATION, 2022

Subject: *ICT*　　　　　　　　　　　　　　　　**Full Marks**: *30*

Class: *V*　　　　　　　　　　　　　　　　　　**Time**: *1Hr. 30 Min*

Index Number:

FOR OFFICIAL USE ONLY

Section	Question	Item	Weighting	Award	Change	Marker's Initial	
				For Marker's USE only			
Section A	Question 1	1	1				
		2	1				
		3	1				
		4	1				
		5	1				
	Question 2	1	1				
		2	1				
		3	1				
		4	1				
		5	1				
Section B	Question 3	1	2				
		2	2				
		3	3				
		4	3				
		5	4				
		6	2				
		7	2				
		8	2				
TOTAL			30	Changed Marks		Subject Teacher's initial	

IMPORTANT: Turn over to read instructions

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1.   Do not write for the first **fifteen minutes.** This time is to be spent on the reading questions. After having read the questions, you will be given **1 and ½ hour** to answer all questions.

2.   In this paper, there are **two sections**: A and B. **All** the questions in **sections A and B** are **compulsory**.

3.   **Do not** draw lines or pictures on or in the booklet unless specified by the questions.

4.   **Do not** leave the examination hall before you have made sure that you have answered all the questions.

5.   **No marks** will be awarded for any extra questions attempted. If extra questions are attempted, the last question in the sequence of your answer script will be **canceled by default.**

6.   **Marks can be deducted** for any **Not-Called-For** scribbling, sketching, commenting, etc. written in your answer booklet.

7.   **Writing neatly and clearly** will always go well in **your favor!** If your writing cannot be read-**marks can't be awarded.**

8.   **Read and re-read carefully** to understand the **instructions and questions** before answering them.

9.   Do not remove the cover page from the booklet. If you do so, your answers will **not** be evaluated.

10.   **Do not** leave the examination hall before you have made sure that you have answered all the questions.

11.   Write your **Index Number** in the space provided on the first page of the question paper.

Question 1.   **(5 x 1 = 5)**

Direction: *There are five questions in this section. You must answer all the questions. Each question carries 1 mark. You must **Choose** the most correct answer.*

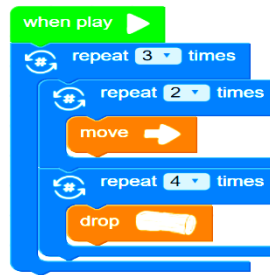1. These are the devices we use in the Information and Communication Technology (ICT) classes.

   The pictures shown above are examples of ……………

   a.   monitor.
   b.   keyboard.
   c.   software.
   d.   hardware.

2. How many ways are there to turn the sprite/ character in the CodeMonkey course?

   a.   1
   b.   2
   c.   3
   d.   4

3. There are different parts of a computer and they have different functions such as Input, processing, and Output.

   output of the data in a computer is done by a

   a.   Speaker
   b.   Keyboard
   c.   Mother Board
   d.   Central Processing Unit

4. Different loops are being used in coding. A loop can be used over another loops. The loop used over another loop is called

   a.   Repeat loop
   b.   Nested loop
   c.   Conditional loop
   d.   Counter controlled loop

5. The keyboard is a board with letters and symbols required for typing the words and sentences.

Keyboard

We copy the file or document using ……………..……………… keys

a. Ctrl + A
b. Ctrl + C
c. Ctrl + X
d. Ctrl + Z

Question 2.

Direction: *Write **T** for true and **F** for false in the brackets provided.*   *[1x5= 5Marks]*

1. Codes used in the Beaver achiever is script code.   (   )

2. The loop in the CodeMonkey Jr. will repeat the code till the task end.   (   )

3. Speaker is an example of input device.   (   )

4. Computers can be protected by using password.   (   )

5. CodeMonkey is a game based programming.   (   )

SECTION B

Question 3

Direction: *Answer **All** the questions in Section B. All answers must be written in the space provided. The marks are given in the bracket for each question.*

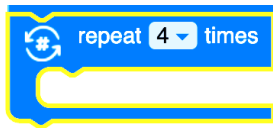*1.* Explain Coding in your own words and write use of coding. **(2 marks)**

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2. Replace the code given in the image with Script Code and write its function. **(2marks)**

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3. What is a Web Browser? Name two popular web browsers we use. **(3 Marks)**

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4. Design a challenge and write its solution using the following codes. You must use **loop and any two codes** provided below. **(3 marks)**

5. The computer processes information in different stages. Explain IPO model with the help of diagram. **(4 marks)**

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6. *The Internet has become an easy source of information but we should be careful while browsing the internet.* What are some of the advantages and disadvantages of the internet? **(2 marks)**

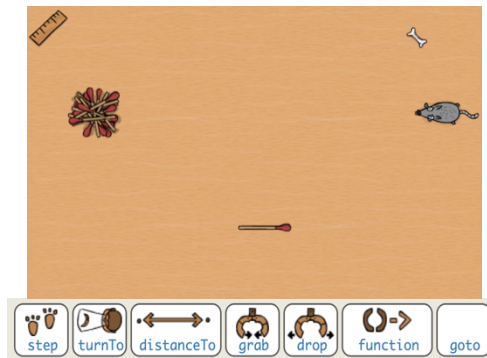………………………………………………………………………………………………………

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7. Pema Wrote a code for the challenge provided below. His code couldn't solve the challenge. Help Pema to complete the challenge by writing the correct codes. **(2 Marks)**

goto = (g) ->
. . . . turnTo match
. . . . step distanceTo match
goto g
grab()
goto pile
drop()

8. Calculate X in 2nd times and 3rd times. Write your answers in the box provided. **(2 Marks)**

X= 12

3.times - >

. . . . step x

. . . . turn left

X= (X+2)