



Motithang Higher Secondary School
Mid-Term Examination 2019
Thimphu Thromde



Subject: Computer Studies

Total Marks: 100

Class: 11

Writing Time: 3 Hours

Name: _____ **Class & Section:** _____

Roll No: _____

Invigilator signature:

READ THE FOLLOWING DIRECTIONS CAREFULLY:

1. **Do not** write for the first **fifteen minutes**. This time is to be spending on reading the questions.
2. This paper consists of **TWO** sections: **Section A** and **Section B**. **Section A** is **COMPULSORY**. Attempt **ANY FIVE** question Out of **SEVEN** questions from **section B**
3. All working, including rough work should be done on the same sheet as the rest of the answer. The intended marks for questions or parts of questions are given in brackets [].
4. Read the directions to each question carefully and write **all** your answers in the space provided in the **question booklet** itself.
5. Do not remove any leaflet from this booklet.
6. **Do not** leave the examination hall before you have made sure that you have answered all the required number of questions.

Questions	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
Award										
Marker's initial										
Total										

SECTION A
(Attempt ALL question)

Question 1

[10 X 1 =10]

Direction: Each question in this part is followed by four possible choices of answers. Circle the correct answer.

1. Each excel file is a workbook that contains different sheets. Which of the following cannot be a sheet in workbook?
 - a. Work sheet
 - b. Module sheet
 - c. Chart sheet
 - d. Data sheet

2. Which of the following is not the correct method of editing the cell content?
 - a. Press the Alt key
 - b. Press the F2 key
 - c. Click the formula bar
 - d. double click the cell

3. What should you do if you require to paste the same format in many places?
 - a. Click the Format painter and go on pasting in many places holding Alt key
 - b. Double click the format painter then go on pasting in many places.
 - c. Click the format painter then go on pasting to many places holding Ctrl key
 - d. All of above

4. You can merge the main document with data source in Excel. In mail merge operation, word is usually
 - a. server
 - b. source
 - c. client
 - d. none

5. Which one can be used as watermark in a word document?
 - a. Text
 - b. Image
 - c. Both (a) and (b)
 - d. None

6. In Word you can force a page break
 - a. By using the Insert/Section break on the Insert tab
 - b. By positioning your cursor at the appropriate place and pressing Ctrl+Enter
 - c. By positioning your cursor at the appropriate place and pressing the F1 key
 - d. None of the above

7. To convert a hyperlink e-mail address to regular text, right-click the e-mail address and then click _____ on the shortcut menu.
- a. Select Hyperlink
 - b. Remove Hyperlink
 - c. Edit Hyperlink
 - d. None of the above
8. "Ctrl + Left Arrow" is used to
- a. Move the cursor one word right
 - b. Move the cursor one word left
 - c. Move the cursor one paragraph down
 - d. None of the above
9. Which enables us to send the same letter to different persons?
- a. mail merge
 - b. macro
 - c. both (a) and (b)
 - d. none
10. When a hyperlink is created, Word formats the Web address as _____.
- a. underlined and colored blue
 - b. italicized and colored blue
 - c. underlined and colored red
 - d. None of the above

Question 2

[10 X 1 = 10]

Direction: Fill in the blanks with appropriate words or phrases.

1. In The Greater Than sign (>) is an example of _____ operator.
2. The _____ feature of MS Excel quickly completes a series of data.
3. Each binary digit is called a _____.
4. The cell reference for cell range of A2 to M12 is _____.
5. You can check the conditions against _____ when applying conditional formatting
6. Google, yahoo, AltaVista, bing are examples of _____.
7. To advance rightward from one cell to the next in a table, press the _____ key.

8. Word has a list of predefined typing, spelling, capitalization, and grammar errors that _____ can detect and correct.
9. Word includes a series of predefined graphics called _____ that can be inserted into a word document.
10. Files that claim to be something desirable but, in fact, are a malicious is called _____.

Question 3

[15 X 2 = 30]

Direction: While answering the questions, indicate briefly, your working and reasoning

1. What are the advantages of compressing a file?
2. Differentiate between cluster and compression.
3. Explain how BIOS and drivers are related to each other.

4. Briefly, describe how colour printing is done in laser printers.

5. Convert 78_{10} decimal to binary numbers.

6. Explain how fan prevents the CPU from overheating.

7. Write down two advantages of using internet phones.

8. Operating system is just like an “instructor”. Justify.

9. Write down the shortcut key of following:

a) Paste =

b) Select whole document =

10. Find the sum of 10101 and 10010

11. Explain how sound card works in computer.

12. Briefly explain the 4th generation of computer.

13. Subtract 1101 from 110001

14. What is the main purpose of application software?

15. Write down atleast two guidelines while sending e-mail.

SECTION B

Direction: Attempt any FIVE questions

Question 4

[10 Marks]

1. Explain the differences between website and webpage.

[3]

2. Who is ISP in our country? What is their main function?

[3]

3. Explain the importance of operating system in computer. [4]

Question 5

1. *“The Internet is a massive network of networks, a networking infrastructure. It connects millions of computers together globally, forming a network in which any computer can communicate with any other computer as long as they are both connected to the Internet”*. In this context, explain how internet works. [5]

2. What is the main function of browser? Give one example. [2]

3. Explain how function is different from formula in Ms Excel? [3]

Question 6

1. Explain how TCP is different from IP. [3]

2. Identify each from this URL <http://www.education.gov.bt>. [5]

- i. Protocol:
- ii. server name:
- iii. domain name:
- iv. top-level domain name:
- v. country code:

3. “Forum is a platform where the people can gain knowledge”. Justify [2]

Question 7

	A	B	C	D	E	F	G	H	I	J
1	Roll No	Name	Eng	Dzo	Maths	HCG	Sci	Total	%	Remarks
2	1	Karchung	56	45	34	56	56	247	49.4	Fail
3	2	Gurung	67	67	78	89	78	379	75.8	Pass
4	3	Ravi	87	56	76	56	76	351	70.2	Pass
5	4	Wangmo	98	78	78	67	89	410	82	Pass

The above given excel sheet shows the results of class 10 A. Write down the formula to find:

[10]

1. Remarks (*hint: if percentage is more than 50 "Pass" otherwise "Fail"*)

2. Maximum and minimum percentage from the class.

3. No. of students failed and No. of students passed.

Question 8

1. "E-mail has more advantageous than ordinary letter that we send through post office".

Justify

[5]

2. Explain the differences between virus and worms. [3]

3. Write down the country of the given country code: [2]

a. .jp =

b. .ca =

c. .au =

d. .dk =

Question 9

1. Give atleast TWO reasons why we format our computer. [4]

2. Differentiate between patent and trademark. [3]

3. What does it mean to have a copyright? [3]

Question 10

1. Convert the following binary number to decimal system: [6]

i. 1101_2

ii. 11011_2

iii. 1011_2

2. Calculate the following binary numbers.

[4]

a) $1101_2 + 11010_2$

b) $111001_2 - 11010_2$