



**Akshar Vidya Mandir**  
Janakpurdham, Nepal  
Tihar & Chhath Vacation Homework.

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***Class 8 All Subjects.***

**Nepali**

- 10 set बाट सेट-१ को सबै उत्तर कापीमा गर ।

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**English**

- Complete 2 sample paper from 10 sets. (Kathmandu : Year 2074 and 2075)

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**Maths**

- Complete 2 sample paper from 10 sets. (Kathmandu : Year 2074 and 2075)

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**Optional Maths**

- Learn all the formulas, properties and identities used in Unit-1,3 and 5.
- Practice Unit-1, Unit-3 and Unit-5 questions from 10 sets.

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**Science**

- Complete minimum ten questions per chapter from 10 sets based on the total chapters covered in the class.

----X----

**Social Studies**

Solve two question papers from the Ten Sets:

1. Bhaktapur 2075 BS
2. Lalitpur 2074 BS

----X----

## Computer

### Group A

1) Fill in the blanks.

- a) When the computer is turned off, the contents of RAM get \_\_\_\_\_.
- b) \_\_\_\_\_ can support up to thousand users simultaneously.
- c) Plotter is an \_\_\_\_\_ output device.
- d) The extension of MS-Word 2016 document is \_\_\_\_\_.
- e) \_\_\_\_\_ was the first calculating device.
- f) \_\_\_\_\_ software is close to the system.
- g) \_\_\_\_\_ was the first computers brought in Nepal.
- h) Fourth generation of computers used \_\_\_\_\_ as main component.
- i) \_\_\_\_\_ is a self replicating harmful program.
- j) \_\_\_\_\_ should be used to avoid accessing by unauthorized users.

2) State whether the following statements are true or false.

- a) Packaged software manages files and folder.
- b) The operator (/) is used for division.
- c) Source code is written in high level language.
- d) CUI has better interface than GUI.
- e) Intel 4004 was first microprocessor build by AMD Corporation.

3) Match the following.

- |                 |   |
|-----------------|---|
| a) MS-Excel     | i. Collection of webpage                                    |
| b) Edutainment  | ii. Virus   |
| c) Trojan Horse | iii. Spread Sheet Software                                  |
| d) Website      | iv. Combining two or more than two cell to form single cell |
| e) Merge Cell   | v. Educational entertainment                                |
|                 | vi. Antivirus   |

4) Give one word for the following statements.

- a) The repeated working capacity of computer.
- b) The process of gaining unauthorized access to individual computer.
- c) A set of instruction that performs specific task in the computer.
- d) Software that translates the high level language, one statement at a time into machine language.
- e) Selling of goods and services online.
- f) A collection of four bits or half byte.

- g) An error that is due to wrong input.
- h) The physical parts of a computer that can be touched, seen and felt.
- i) A big circuit board in which different types of chips are attached.
- j) An input device which is most commonly used to play computer games.

5) Write full form of the following.

- a) ABC \_\_\_\_\_
- b) UNIVAC \_\_\_\_\_
- c) ISP \_\_\_\_\_
- d) WAN \_\_\_\_\_
- e) UPS \_\_\_\_\_
- f) MIPS \_\_\_\_\_
- g) SSD \_\_\_\_\_
- h) OSS \_\_\_\_\_
- i) LED \_\_\_\_\_
- j) LCD \_\_\_\_\_

6) Quick Key:

- a) Minimize window \_\_\_\_\_
- b) Save \_\_\_\_\_
- c) Save AS \_\_\_\_\_
- d) Print Preview \_\_\_\_\_
- e) Run dialog box: \_\_\_\_\_
- f) Rename: \_\_\_\_\_
- g) Cut \_\_\_\_\_
- h) Center Alignment: \_\_\_\_\_
- i) Justified Alignment \_\_\_\_\_
- j) Superscript \_\_\_\_\_

7) Convert as indicated.

- a)  $(10111110)_2$  -----  $(?)_{10}$
- b)  $(675)_8$  -----  $(?)_{10}$
- c)  $(98)_{10}$  -----  $(?)_2$
- d)  $(527)_8$  -----  $(?)_{10}$
- e)  $(BAC)_{16}$  -----  $(?)_2$

8) Perform the binary calculation of the following.

- a)  $(101111) + (10111)$
- b)  $(1011010) - (11111)$
- c)  $(11101) \div (10)$
- d)  $(1111111) + (101011)$

9) Short Answer question.

- a) By what name is Lady Augusta Ada Lovelace known?
- b) Which company developed Android OS used in Smart phone?
- c) Who is the CEO of Apple Company?
- d) List any two characteristics of a computer.
- e) What is hardware?
- f) Write the working principal of computer.
- g) Why RAM is called volatile memory?
- h) List the types of computer on the basis of work.
- i) Who invented Intel 4004?
- j) What is the number of rows and column in excel 2007?

### Group B

10) Long Questions.

- a) What is computer? Explain any four features of computer.
- b) What is operating system software? List and explain any 4 functions of operating system software.
- c) List 4 features of Third Generation Computer and Fourth Generation computer.
- d) What do you mean by language processor? Explain its types.
- e) Write any 3 differences between analog computer and digital computers & First Generation computer and Second Generation computer.
- f) Write difference between first generation and Second generation computer.
- g) What is computer software? Explain its types.
- h) What is device driver?
- i) What is storage device? Explain any three examples.
- j) Why computer is called diligent machine?
- k) Why computer is called versatile machine?
- l) What is computer system? Explain its components.

11) Complete the following.

Devices	Developed by	Date of invention
a) Difference Engine		
b) Slide Rule		
c) Napier's Bone		
d) Vacuum Tubes		
e) First Microprocessor		
f) Pascaline		
g) Leibniz Calculating Machine		
h) Analytical Engine		
i) Difference engine		
j) Mark I		
k) ABC		
l) ENIAC		
m) EDSAC		
n) EDVAC		
o) UNIVAC		

### **Grade 8, OBTE**

1. Do all question answer of unit 1 and 2 (all chapters) in notebook.
2. Solve questions answer of ten sets to related unit 1 and 2.

### **Grade 8, Moral Science**

1. Do all question answer of chapter 5, 6, and 7 in notebook and learn.
2. Solve questions answer of ten sets to related chapters.

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