**ECOECIS Computer Science Grid**

**Khiarahani-8, Chitwan**

**3rd Terminal Examination**

**Subject: Computer Time: 2hrs Class: 8**

**F.M: 50**

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| **S.no** | **Lesson** | **Types of Questions** | | |
|  |  | **V. short**  **(10\*1=10)** | **Short**  **(7\*4=28)** | **Long**  **(6\*2=12)** |
| **1** | Understanding computer | **1** | **1** |  |
| **2** | Computer history | **1** |  |  |
| **3** | Generation of computer | **1** | **1** |  |
| **4** | Computer Hardware and software | **1** | **1** | **1** |
| **5** | Operating system | **1** |  |  |
| **6** | Number system |  | **1** |  |
| **7** | Multimedia and Its uses | **1** |  |  |
| **8** | ICT Tools and Cyber Ethics | **1** |  |  |
| **9** | Computer Virus | **1** | **1** |  |
| **10** | Computer Network and internet | **1** | **1** | **1** |
| **12** | HTML | **1** | **1** |  |
|  |  |  |  |  |

**Class: 8 F.M: 50, P.M: 18**

**Give very short answers. (10×1=10)**

1. Define data.

2. Which was the first computer brought in Nepal?

3. Define AI.

4. Where is open-source software available for users?

5. What is the full form of DOS?

6. Define the term virtual reality.

7. When was the concept of computer ethics introduce?

8. Write any two means of spreading virus.

9. Write the full form of ARPANET and ISP.

10. In which languages the dynamic web pages are written?

**Give short answers. (7×4=28)**

1. Explain the working principle of computer.

2. What are the new expectations in the fifth-generation computers?

3. What is language processor? Write its types.

4. a. Divide: (11010)2 by (10)2

b. Multiply: (10101)2 by (101)2

5. Write any four protections from computer virus.

6. What is ISP? List any three popular ISPs of Nepal.

7. What is hyperlink? How can you create hyperlink in the webpage?

**Give long answers. (2×6=12)**

1. Explain different types of hardware devices that make computer system.

2. What is network architecture? Explain the types of network architecture with their merits and demerits.

**\*The End\***