

DIPLOMA IN GERMAN LANGUAGE**Subject: Basic of Computers****Subject Code: GE103****Semester: First, October 2019****Theory (External): 35 Marks****Time: 03 hours****Instructions to the Students**

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 1 mark.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 5 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number

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SECTION -A (OBJECTIVE TYPE QUESTIONS)

(10x1=10 Marks)

Q1 Explain in brief the following:

- A) Computer Memory 1
- B) Web Browsers 1
- C) Spooling 1
- D) How would you distinguish between data and information? 1
- E) What is Internet service provider? 1
- F) Switches 1
- G) How would you insert columns/rows in a spreadsheets? 1
- H) Macro 1
- I) Slide 1
- J) Digital Signature 1

SECTION -B (ESSAY TYPE QUESTIONS)

(5x5=25 Marks)

- Q1 What is computer virus? How does a virus spread in the computer system? What are the preventive measures to counter it? 5
- Q2 What are various application of computer in banks and education? 5
- Q3 What is an operating system? What are its functions? How does an operating system act as a resource manager? Explain. 5
- Q4 Discuss working of search engines in detail? List five popular search engines famous among internet users. 5
- Q5 Discuss the following briefly:
- i) HTTP protocol 2.5
 - ii) Firewall 2.5
- Q6 Write short note on the following:
- i) Multiprogramming OS 2.5
 - ii) Timesharing OS 2.5

- Q7 i) Describe the use of mail-merge feature of word processor software. 2.5
- ii) How can you change the font, points, sizes and spacing? Describe briefly. 2.5
- Q8 List and explain various network topologies in detail with their relative merits and demerits. 5

END OF THE PAPER
