



UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)
उत्तराखण्ड मुक्त विश्वविद्यालय, हल्द्वानी (नैनीताल)

PGDGIS-16
ASSIGNMENT

Last Date of Submission: 30 April, 2017

Course Title: Introduction to Informatics

Course Code: PGDGIS -01

Year: 2016-17

Maximum Marks: 30

Section 'A' contains 08 short answer type questions of 4 marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

1. Differentiate between a bit and byte.
2. Differentiate between
 - a. PROM and EPROM
 - b. Static RAM and Dynamic RAM
3. What is Computer Memory?
4. What is an IP address?
5. What is a cache memory? How is it different from a primary memory?
6. What is the different between Primary keys and foreign key?
7. Define computer network. What are the goals of computer networks?
8. What is Internet? Why Internet is called a 'network of networks'?

Section 'B' contains 04 long answer-type questions of 7 marks each. Learners are required to answers 02 questions only.

1. What are the application areas of Internet? Explain.
2. Explain TCP/IP reference model.
3. Briefly explain the functions of each layers of ISO-OSI model.
4. What is topology? Explain the different types of topology with the help of example.