

Sample Paper – 2014
Class – XII
Subject – INFORMATICS PRACTICES

Time-3 hrs

Max^m Marks-70

Answer all the questions:-

Read all the questions carefully:-

-
- Q1
- (a) Write any four goals of Network? 1
 - (b) Define MAC address and IP address with an example? 1
 - (c) Write the name of any three unguided Media? 1
 - (d) Mr Khurana a senior scientist wants to prevent unauthorized access to/from his company's1 Network. Write the name of a software/hardware which he should install to do the same.
 - (e) Name the device that receives a signal on an electromagnetic or optical medium, amplifies 1 The signal, and then retransmits it along the next leg of the medium?
 - (f) Write an advantage of Ring topology over Star topology and an advantage of Star topology over ring topology? 1
 - (g) What is the difference between Freeware and OSS? 1
 - (h) What are the following software used for? (i) PHP (ii) Apache 1
 - (i) How is Phonetic text entry different from keymap based text entry? 1
 - (j) What is full form of JPEG and FLOSS? 1
- Q2
- (a) Rewrite the following program code using a for loop: 1

```
int i=2, sum=0;
while(i < 20)
{
```

```
sum += i;  
i += 3;  
}
```

- (b) What will be the final value of sum when the above given code will be executed? 1
- Q7 (a) What do you think most outstanding feature of e-learning? 1
- (b) How front end is different from back end? 1
- (c) What controls would you suggest for the following types of input? 1
- (i) Single line text entry.
- (ii) Multiple choice from a set.
- (d) What is an impact of e-Governance on common man? 1
- (e) Write the name of any two major e-learning sites? 1



SANJUNT@GMAIL.COM