

KENDRIYA VIDYALAYA SANGATHAN, ERNAKULAM REGION
FIRST PRE BOARD EXAMINATION 2013-14

Class : XII

Subject : Informatics Practices

Time : 3Hrs

Max Marks : 70

General Instruction:

- i. This Question Paper has 7 Questions, All Questions are Compulsory.
 - ii. Programming Language : Java, MySql.
-

1.

- (a) Tara Nathani wants to upload and download files from/to a remote internet server. 1 5
Write the name of relevant communication protocol, which will let her do the same.
- (b) Which transmission medium should be used to transfer data across two continents at 1 2
very high speed?
- (c) Two doctors in the same room have connected their Palm Tops using Bluetooth for 1 4
working on a Group presentation. Out of the following , what kind of Network they
have formed?
LAN, MAN, PAN, WAN
- (d) Ms.Rani Sen, General Manager of Global Nations Corporate recently discovered 2
that the communication between her company's accounts office and HR office is
extremely slow and signals drop quite frequently. These offices are 125 meters away
from each other and connected by an Ethernet cable.
(i) Suggest her a device, which can be installed in between the offices for smooth
communication.
(ii) What type of network is formed by having this kind of connectivity out of
LAN, MAN, and WAN?
- (e) A software company develops gaming software and sells it without providing its 1
source code. For promotional purpose the company provides demo versions of its
games free of cost through the internet. Are these demo versions examples of open
source software? Justify your answer.
- (f) Identify the domain name and URL from the following: 2
http://www.helpingeachother.in/home/aboutus.htm
- (g) Give one advantage and disadvantage of using Star topology over Bus Topology. 2

2.

- (a) Ms. Samhita has developed a Java application through which the students of her school can view their marks by entering their admission number. The marks are displayed in various text fields. What should she do so that the students are able to view but not change their marks in text fields?
- (b) Sugandha has developed a login form in java. Write the statement to obtain the password from a password field named **jPassword1**.
- (c) Which is the largest heading tag in HTML?
- (d) Name any two attributes used in `` tag of HTML.
- (e) How many times the following loop will execute the statement inside it? And what will be the output:
- ```
int f=1,i=2;
do
{
 f*=i;
} while(++i <5);
System.out.println(f);
```
- (f) What will be the content of the `jTextArea1` after executing the following code (Assuming that the `jTextArea1` had no content before executing this code)?
- ```
for(int i=2;i<=5;i++)
{
    jTextArea1.setText(jTextArea1.getText()+" "+Integer.toString(i*i));
}
```
- (g) Mention the purpose of each of the following HTML tags:
``, ``, `<HR>`, `<TABLE>`

3

- (a) If database "Employee" exists, which Mysql command helps you to start working in that database?
- (b) Mohit created a table in Mysql. Later on he found that there should have been another column in the table. Which commands should he use to add another column to the table?
- (c) Rewrite the given query after removing the errors (if any).
`Select* from book where Price=NULL;`

