

SAMPLE PAPER

CLASS-IX

**Foundation of Information Technology (165)
SUMMATIVE ASSESSMENT - I (2014-2015)****TIME: 3 HOURS
MARKS : 80****MAXIMUM****Read the Instructions:**

- This question paper is divided into 3 sections.
- The weightage of the section/question is mentioned in front.
- Answer all the questions on answer sheet only with proper/correct labels.
- Answer the questions after carefully reading the text.

**SECTION - A
15 MARKS****1. FILL IN THE BLANKS****(1X10=10)**

- Results are obtained from computer through its _____ unit.
- The _____ converts digital signals to analog & vice versa.
- Below the title bar there is _____ in most GUI applications.
- _____ is responsible for planning, design & implementing network.
- BOSS is a version of _____ operating system.
- Computers are _____ to tiredness & boredom.
- _____ & _____ are two popular wireless transmission medium.
- _____ is a picture or image that you can tag in background.
- _____ are the raw facts from which _____ is derived.
- A _____ manages the resources of a computer system.

2. STATE TRUE OR FALSE**(0.5X10=5)**www.cbseguess.com**OUR EDUCATIONAL PORTALS**

www.icseguess.com | www.niosguess.com | www.indiaguess.com | www.aipmtguess.com | www.iitguess.com |
www.ignouguess.com | www.magicssense.com

- (a) A patent refers to special power of monopoly granted by law.
- (b) A computer network allows sharing of resources.
- (c) A network that spans countries & continents is known as LAN.
- (d) Renting is a kind of software piracy.
- (e) Computers can perform repetitive jobs efficiently, this makes them versatile.
- (f) Trash in linux machines is same as my computer in windows.
- (g) PATH refers to the storage location of a file or folder.
- (h) Microwave is an example of guided media.
- (i) OS is a layer between user & hardware.
- (j) An ethical hacker bypasses the system security for constructive usage.

SECTION – B**55 MARKS****3. NAME ANY TWO (with Brief Description)****(2X5=10)**

- (a) Types of Transmission Media
- (b) Application Areas of Internet
- (c) Functions of Operating System
- (d) Applications of Super Computer
- (e) Ethical issues involve in usage & availability of information

4. DIFFERENTIATE BETWEEN**(3X5=15)**

- (a) Softlifting & Counterfeiting
- (b) Hacker & Cracker
- (c) CUI & GUI Operating systems
- (d) Micro & Mini computers
- (e) PAN & WAN

5. ANSWERS THE FOLLOWING QUESTIONS**(3X10=30)**

- (a) How are computers used in the fields of communication & education?

www.cbseguess.com

OUR EDUCATIONAL PORTALS

www.icseguess.com | www.niosguess.com | www.indiaguess.com | www.aipmtguess.com | www.iitguess.com |
www.ignouguess.com | www.magicsense.com

- (b) Briefly define different components of a computer network using block diagram.
- (c) Write the significance of shortcut menu & Trash (Recycle bin).
- (d) What are software ethics?
- (e) What are intellectual property rights?
- (f) Define Plagiarism.
- (g) What are different types of Operating systems?
- (h) What are different career options available in IT?
- (i) Write a short note on significance of Network.
- (j) Describe the functioning of MODEM using block diagram.

SECTION – C**10 MARKS****6. CASE STUDIES**

(i) XYZ Chemicals Ltd. has advertised for some vacancies in its office. Eligible candidates have to apply online for these posts. After the last date for receiving the applications, the company shortlists some candidates and informs them through email. The candidates have to appear at company's office for an online test and interview through video conferencing on a specified date. After video conferencing the selected candidates are again informed through email.

How are the following features/services beneficial for the applicants and the company:

- a. Inviting applications online
- b. Informing the candidates through email.
- c. Conducting online test
- d. Holding the interview through video conferencing.

(6)

(ii) Shravan Joshi is a student of Political Science and is a keen researcher of political issues related to various countries and states. He wants to share his research and his own opinion on these issues on day-to-day basis with everyone on World Wide Web. He is also interested in collecting views of others to enhance his research and knowledge related to his area of interest. He belongs to a poor family and cannot

afford his own website. Also being a non-technical person he cannot create a dynamic website to deal with day-to-day inputs.

- a. Suggest an easy way for Shraavan to achieve the same.
- b. Name two popularly used free services that can help Shraavan in this regard.

(2)

(iii) As life gets busier, it becomes difficult for everyone to keep track with school and college friends, old colleagues, old neighbours and favourite teachers. It is important to keep in touch with all your near and dear ones. At times, people sitting miles away doing similar kind of activity or solving similar kind of problem can help you achieve goals faster by sharing their experiences. Similarly, people belonging to different socio-economic background can change your perspective and enhance your understanding of various cultures.

- a. Suggest the real time tools that are suitable for the above mentioned activities.
- b. What is the generic name used for such tools?

(2)

Paper Submitted By:

Name Anurag Gandhi
Email ganuraag@gmail.com

www.cbseguess.com

OUR EDUCATIONAL PORTALS

www.icseguess.com | www.niosguess.com | www.indiaguess.com | www.aipmtguess.com | www.iitguess.com |
www.ignouguess.com | www.magicssense.com