

THIRD SEMESTER B.Com. DEGREE EXAMINATION, NOVEMBER 2010

(CCSS)

Common Course

BC 3A 12—GENERAL INFORMATICS

(Common with HM 3A 08—B.Sc. Hotel Management)

Time : Three Hours

Maximum Weightage : 30

Part A

Answer all 12 questions.

I. Fill in the blanks :

- 1 A computer that receives the request and returns the data to the client is _____.
- 2 _____ addresses are the means by which all computers are connected to the internet.
- 3 _____ is data that has been presented in a meaningful fashion.
- 4 _____ is a virtual network of libraries of different academic institution.

II. Choose the correct answer :

5 The resolution of a monitor is governed by the :

- | | |
|-------------------------|---------------------------------------|
| (a) size of the screen. | (b) cost of the monitor. |
| (c) number of pixels. | (d) contrast of pixels on the screen. |

6 Restarting the system after it has been completely powered off is called :

- | | |
|------------------|----------------------|
| (a) a warm boot. | (b) a standby start. |
| (c) libernation. | (d) a cold boot. |

7 What is Podcost ?

- | | |
|-----------------------------|-----------------------|
| (a) clip of audio or video. | (b) messaging tool. |
| (c) e-mail service. | (d) web conferencing. |

8 Linux is a type of _____ software.

- | | |
|-----------------|------------------|
| (a) Shareware. | (b) Open source. |
| (c) Commercial. | (d) Adware. |

III. Match the following items in Column A with Column B :—

9 e-mail

(a) Tracking service.

10 GPS

(b) Website.

11 WIKIS

(c) Self replicating programme.

12 WORM

(d) Retrieve at a later time.

(12 × 1/4 = 3 weighta

Turn o

Part B

Short answer type questions. Answer all *nine* questions.

- 13 How are computers classified ?
- 14 What is an operating system ?
- 15 What is modem ?
- 16 What is a protocol ?
- 17 What is search engine ?
- 18 What is a packet ?
- 19 What is PDF ?
- 20 What is software counterfeiting ?
- 21 What is 3G communications ?

(9 × 1 = 9 weightage)

Part C

Short essay or paragraph questions. Answer any *five* from *seven*.

- 22 What is Linux ? Name some commonly used versions.
- 23 What are the steps to create and launch a website ?
- 24 What are virtual classrooms ?
- 25 What is plagiarism ?
- 26 What is Cyber addiction ?
- 27 What is e-waste and green computing ?
- 28 How CONCERT helps Indian Railways in e-Governance ?

(5 × 2 = 10 weightage)

Part D

Essay questions. Answer any *two* questions.

- 29 What is Free Software Movement ? Discuss the merits and demerits.
- 30 What is Network ? What are the various types of computer networks ? Discuss the components of network.
- 31 What is e-governance ? Explain the various e-governance initiatives of the Government of India and how they are bringing about a marked change in the traditional function.

(2 × 4 = 8 weightage)

Time :
I.