

D 72345

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Name.....

Reg. No.....

**THIRD SEMESTER B.Sc./B.Com./B.B.A./B.T.H.M. DEGREE
EXAMINATION, NOVEMBER 2014**

(UG-CCSS)

Common Course

A 12—GENERAL INFORMATICS

Time : Three Hours

Maximum : 30 **Weightage**

Part A

*This part consists of three bunches carrying equal **weightage** of 1.*

*Each bunch consists of **four** objective type questions.*

*Answer **all** questions.*

I. Choose the correct answer :

1 Computer is free from tiredness and lack on concentration, this feature is known as _____

- | | |
|------------------|---------------------------|
| (a) Speed. | (b) Diligence. |
| (c) Versatility. | (d) Power of Remembrance. |

2 _____ is the nucleus of the **Linux** Operating System.

- | | |
|---------------------|------------------|
| (a) Shell. | (b) User. |
| (c) Kernal . | (d) Application. |

3 Network of Networks are also referred to as _____

- | | |
|---------------|---------------------|
| (a) Internet. | (b) Intranet. |
| (c) Ethernet. | (d) Telnet . |

4 In _____ topology the message is routed through the central communication controller (server) while sending the user of one microcomputer to a user at another computer.

- | | |
|--------------------|--------------------|
| (a) Bus Topology. | (b) Ring Topology. |
| (c) Mesh Topology. | (d) Star Topology. |

II. Fill in the blanks :

5 **CGA** stands for _____

6 The action of doing financial transaction on Internet is known as _____

7 The temporary storage area used for keeping the cut/copied text is called _____

8 **NICENET-ICA** means _____

Turn over

III. State whether True or False :

- 9 An example of an input device is a plotter.
- 10 When you download files you send files from your computer the **internet**.
- 11 Portal is another word for search engine.
- 12 SQL Server is back-end software.

(12 x 3 = 36 weightage)

Part B (Short Answer Type Questions)

Answer **all nine** questions.

Each question carries a **weightage** of 1.

- 13 Define Cookies.
- 14 Name any three types of microcomputers.
- 15 What is Spreadsheet ?
- 16 What is GNOME ?
- 17 What is e-learning ?
- 18 What is Desktop ?
- 19 What do you mean by software repository ?
- 20 What is Intranet ?
- 21 What is DBMS ?

(9 x 1 = 9 weightage)

Part C

Answer any **five** questions.

Each question carries a **weightage** of 2.

- 22 What are the differences of special purpose and general purpose application software with example ?
- 23 List and explain the classification of digital computer systems.
- 24 List and explain the various kinds of Cyber Crimes.
- 25 How regional languages can implement in a computer system ? Explain.
- 26 Explain the transformation for Data, Information and Knowledge with example.
- 27 What is a Proxy Server ? What are the advantages of Proxy Server ?
- 28 **Linux** has been developed as a co-operative effort over Internet. Comment on this statement.

(5 x 2 = 10 weightage)

Part D

*Answer any **two** questions.*

*Each question carries a **weightage** of 4.*

- 29 Draw a block diagram to show the basic organization of a computer system and explain each functional unit with appropriate hardware components.
- 30 Search engine can be used to find out various **website** or software from **internet**. What are the types of search engine ? Explain with example.
- 31 Explain the impact of generating academic **websites** for education in the society. What are the tools used and approaches of educational institutions to implement this to the public ?

(2 x 4 = 8 **weightage**)