D 51455 (Pages : 3) Name.....................................

Reg. No...............................

THIRD SEMESTER B.A./B.Sc./B.Com. DEGREE EXAMINATION, NOVEMBER 2013

(UG–CCSS)

Common Course

A12—GENERAL INFORMATICS

Time : Three Hours   Maximum : 30 Weightage

Part A

This part consists of three bunches carrying equal weight of 1.
• Each bunch consists of four objective type questions.
Answer **all** *questions.*

Objective Type Questions :

1. 1 GB represents __———

    (a) 1420 MB.   (b) 1042 MB.

    (c) 1024 MB.   (d) 1240 MB.

2. Which of the following is not an input device ?

    (a) Scanner.   (b) Webcams.

    (c) Microphone.   (d) None of the above.

3. Which is not an operating system ?

    (a) Linux.   (b) Windows XP.

    (c) Java.   (d) Mac OS.

4. E-governance application :

    (a) Akshaya.   (b) Bhoomi.

    (c) CONCERT.   (d) All the above.

Fill up the blanks :

5. USB stands for ————

6. ARPANET means ————

7. In ——————— network each node connected to the network can communicate directly without having a central control.

8. ——————— is the set of programs that helps to run the computer and co-ordinates hardware, software, processor and system's memory.

Turn over

State whether the following statements are True *or* False :

9. The server on a client/server network provides central administration for functions on the network.

10. LANs are network in which nodes are located within a small geographic area.

11. Hard disks are considered as volatile storage devices.

12. Software piracy is the authorized copying of an organization's internally developed software.

(12 x $^1/_4$ = 3 weightage)

Part B (Short Answer Type Questions)

Answer all *nine questions.*
Each question carries a *weight of 1.*

13. What do you mean by software license ?

14. What is SAKSHAT ?

15. What is IPR ?

16. What is INFLIBNET ?

17. What do you mean by free software movement ?

18. What is SPAM ?

19. What is internet hoaxing ?

20. What is DNA computing ?

21. What do you understand by Cyber crime ?

(9 x   9 weightage)

Part C

Answer any **five** *questions.*
Each question carries a *weight of* 2.

22. What is network ? What are its advantages ?

23. What is Operating system ? What are its functions ?

24. What is the importance of IFLIBNET ?

25. Write a note on digital divide.

26. Describe free software movement.

27. Explain the guidelines for proper usage of computer.

28. Describe Cyber addiction. Bring out its symptoms.

(5 x 2 = 10 weightage)

Part D

Answer any **two** *questions.*
Each question carries a weight of **4.**

29. Describe Applications of IT in Education.

30. Explain new opportunities and threats of IT developments on the society.

31. What is E-governance ? Explain the various e-governance initiatives of the Government of India and how they are bringing change in the traditional Government functions.

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