KUMARAGURU
college of technology
character is life

B.E / B.TECH DEGREE EXAMINATIONS: JUNE 2015

(Regulation 2013)

Second Semester

U13ITT201: FOUNDATION OF INFORMATION TECHNOLOGY

(Common to CSE/IT)

Time: Three Hours   **Maximum Marks: 100**

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. The super computer developed by India is _____

    a) Cray-3   b) Param Padma

    c) Cyber 205   d) Cray-4

2. _____ is the administrative section of the computer

3. Satellite is _____ type of propagation

    a) Light of sight   b) ionospheric

    c) Ground Wave   d) Nosperic

4. The operating system breaks address space of a program into fixed size is called _____

5. A Text that contain other document

    a) Hyper browser   b) Hot link

    c) Hyper Media   d) Linked URL

6. The two level of data independence are _____ and _____

7. Hide the unnecessary information is called _____

    a) Inheritance   b) Polymorphism

    c) Encapsulation   d) Abstraction

8. Instance message is _____

9. Most commonly used animation effects are

    a) Morphing and Modularing   b) Morphing and Tailoring

    c) Morphing and Kinematics   d) Kinematics and Modularing

10 A device having two miniature display screen and an optical system that channels the images from the screen into the user's eyes is called _____

PART B (10 x 2 = 20 Marks)

(Not more than 40 words)

11. Point out any four characteristics of first generation of computer.

12. Give the actions that happen in execution cycle.

13. Mention the four conditions that cause deadlock to occur.

14. Define data communication.

15. Compare internal and external modem.

16. Define data dictionary.

17. Compare class and object.

18. Why does documentation needed in software project?

19. Mention some application of multimedia.

20. Give the purpose of RFID.

PART C (5 x 14 = 70 Marks)
(Not more than 400 words)

Q.No. 21 is Compulsory

21. (i) Draw the life cycle of process and elaborate in detail. (7)

     (ii) Differentiate peer to peer and client-server Network. (7)

22. a) Compare RISC and CISC.

(OR)

     b) Draw the memory hierarchy and explain in detail.

23. a) (i) Describe about the elements of video conferencing. (7)

         (ii) Illustrate the role of data in internet. (7)

(OR)

     b) (i) Briefly explain about logical data concepts in detail. (7)

         (ii) Mention the advantage of DBMS. (7)

24. a) Write about software development life cycle model in detail.

(OR)

     b) Define Quality Assurance. In What way you achieve the quality assurance in software field.

25. a) (i) List and explain the feature of multimedia system. (7)

   (ii) Briefly explain about brain computer interface. (7)

(OR)

   b) How do achieve rendering? Explain in detail.

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