

Total No. of Pages: 1

Term-End Examination - December, 2016

Diploma in Computer Application

DCA-01: COMPUTER FUNDAMENTALS

(2016 Syllabus)

Time - 3 hours

Full Mark – 100

Answer any four questions from Group - 'A', any two questions from Group - 'B' and any three questions from Group - 'C'.

Group - 'A'

Mark: $5 \times 4 = 20$

(Answer any four questions each within 100 words)

Q. No. 1

- (a) Write the functions of Random Access Memory
- (b) Write a short note on Hard disk.
- (c) Explain different types of DVDs.
- (d) Discuss about the units by which size of different memories are measured.
- (e) Discuss the binary number system with an example.
- (f) What is a monitor? Describe the types of monitor
- (g) Write and explain the use of any five Linux commands.

Group 'B'

Mark: $10 \times 2 = 20$

(Answer any two questions each within 250 words)

Q. No. 2

- a) Discuss the classification of computers.
- b) Explain the characteristics of computer.
- c) Write the basic functions of operating systems.
- d) What is a port? Discuss various types of ports used in a computer.
- e) Classify different types of software and their applications.

Group 'C'

Mark: $20 \times 3 = 60$

(Answer any three questions each within 500 words)

Q.No.3. What are the generations of computer?

4. What is an Operating System? What are the types of operating systems?
5. Explain different types of Secondary Storage Devices in a computer system.
6. What are the different types of memories in computers?
7. Write down about different components present in a motherboard.
8. Discuss about different Input and Output devices.