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PG/IIS/MCA-207/16 (Pr.)

MCA 2nd Semester Examination, 2016

MCA

(Practical)

PAPER – MCA-207

Full Marks : 100

Time : 4 hours

The questions are of equal value

Answer any one question (by Lottery basis)

- 1. Write an ALP to add a set of 8 bit numbers. (Result 16 bit)**
- 2. Write an ALP to exchange a set of data with another set of data.**

(Turn Over)

(2)

3. Write an ALP to transfer a block of data from one section of memory to another.
4. Write an ALP to sort a set of 8 bit numbers in descending order.
5. Write an ALP to find the largest number from a set of 8 bit numbers.
6. Write an ALP to multiply two 8 bit numbers.
7. Write an ALP to find the cube of a number using look up table.
8. Write an ALP to check whether a number is even or odd.
9. Write an ALP to find the square of a number using look up table.

(3)

10. Write an ALP to count the number of 0's in a data byte.
11. Write an ALP to add two 16 bit numbers.
12. Write an ALP to search a number from a set of 8 bit numbers.
13. Write an ALP to subtract two 16 bit numbers.
14. Write an ALP to sort a set of 8 bit numbers in ascending order.
15. Write an ALP to find the smallest number from a set of 8 bit numbers.
16. Write an ALP to find 1's complement of a set of 8 bit numbers.

(4)

17. Write an ALP to find the highest number from a set of 8 bit numbers.
18. Write an ALP to count the number of 1's in a data byte.
19. Write an ALP to clear contents of a block of memory.
20. Write an ALP to find 2's complement of a set of 8 bit numbers.

Viva — 30

PNB — 10
