**Assignment No. 2**

**Course Code: ECAP516**                                          **Registration Number: _____**
**Instructions:**
**a. Attempt all questions given below in your own handwriting. Assignment in typed format will not be considered for evaluation.**
**b. The student has to complete the assignment in the allocated pages only. Any other page in case utilized shall not be considered.**

Q1.

[10 Marks] [CO1, L1]

(i). 5 persons A,B,C,D and E are sitting around a circular table facing center. A is 2nd to the right of B and 2nd to the left of C. If all arranged alphabetically in clockwise direction, starting from A, how many will come at the same position?
A. None
B. One
C. Two
D. Three
Sol.

(ii). Calculate the compound interest on Rs 40000 at 10% per annum for 3 years.

A. 2540

B. 6244

C. 3264

D. None

Sol.

**Note:-**
**CO: is the Course Outcome as per your course syllabus.**
**L1-L6: Learning level objectives as per Revised Bloom Taxonomy (RBT).**

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Q2.

[10 Marks] [CO3, L2]

(i). How many times do the hands of a clock coincide in 2 days?

A. 44

B. 8

C. 2

D. 21

Sol.


(ii). The result as a difference of SI n CI in 3 yrs comes out to be 453. If Principal is 2500,  Rate is x % p.a, then find x?

A 15

B 17

C 23

D None of These

Sol.

**Signature of the Student_____**                                    Page **2** of **2**

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