

Sessional Internal Exam

Dated: - 01/07/20

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Subject: - C programming

Subject Code: - (BCA 201)

Course: - BCA^{Ist} year

Semester: - IInd

Section - 1

Ques! 4 If in $a=2, b=3, z=0$ find the value of z^2
($z+a, b+za$).

Solution $a+b = 8$ $3+iz$ $ab = 15$

$$a+b = 8$$

$$ab = 15$$

$$(a-b)^2 = a^2 + b^2 - 2ab$$

$$ab = 15 \quad - \quad (a+b)^2 = (a+b)^2 - 4ab$$

$$2a = 10 = 5 \quad (a-b)^2 = 64 - 60 = 4$$

$$b = 3$$

$$\boxed{a-b = 2}$$

Ans