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DEPARTMENT OF SOFTWARE ENGINREEING

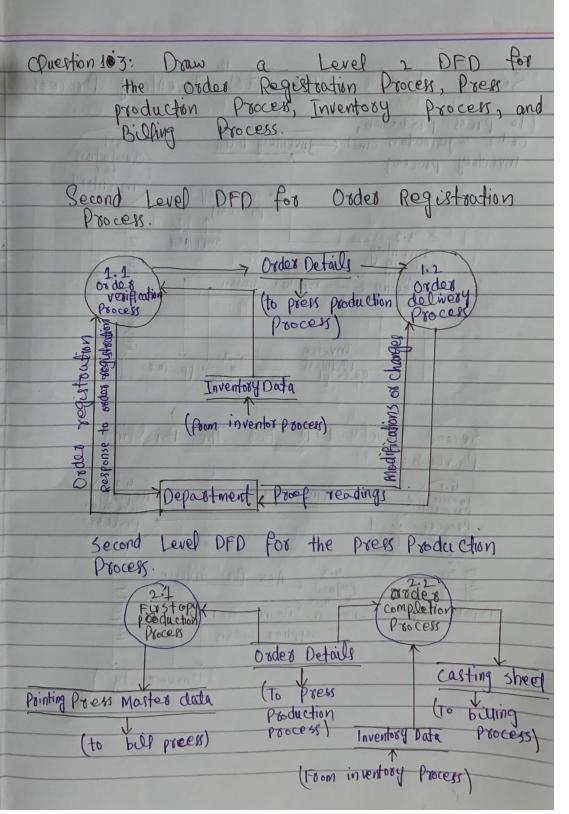
SEMESTER 4TH

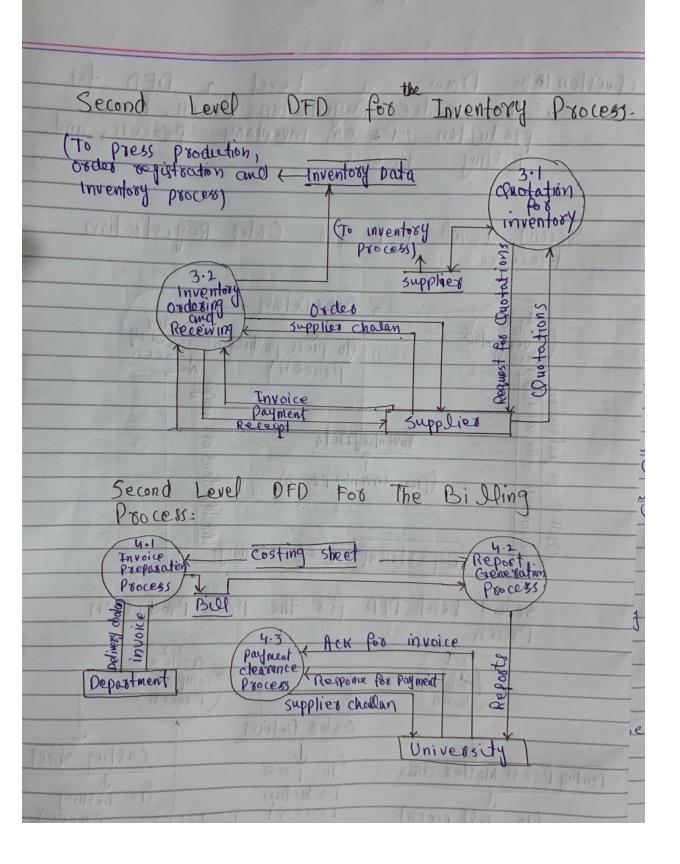
SECTION A

Mane: Abdul Salam	
ReG: 10 14480	
Semester HILL8 4th	
Subject Software Engineering.	
Supmittel to Sir Ghassan	Husnein.

Mame: Abdul Salam 10:14480 Software Enginerin Question 1:1: Case Draw Printing Press ? INU Printing Context Diagram: Order registration from Request for Quotation Proof reading Quotation Order Delivery with chalan Automation system, towns The Press Order Invoice / Bill Payment Receipt

Page #2. Flow Q12: Draw a Level case for above the Diagram (DFD) 1. order Inventory Registration Process Order Defails Process Inventory Supplier challon 2. to order regultation Roa Per Auotolion Press 8 equipation from of changes Supplier Receipt Production Process Printing Press Casting supplier Billing Response for Payment Response Reg for Payment Supplies Challan Bill Invoice Reports University office Department ! Deliverychalam ACK Por invoice (Dept)





Question 2: can only cp. 2.1: Explain why testing detect the presence not their absence? Observing software behavior to meet

As need. Testing is a set of activities that the tester tries to demonstrate to the software such behavior to detect an error or disorder, which can then be fixed. CD. 2.2: Define the following terms.

1. Unite testing. In computer programming

Unit testing is a software testing

method that tests one or more

sets of computer program modules

with source code, associated control

data, usage process, and operation

procedures Are they suitable for use.

2. System Testing: System testing is the level of testing that verifies a complete and fully integrated software product. The purpose of system testing is to evalute end- to-end system specification. In general software is only one aspect of a larger computer-based
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the Coul System testing is
g complete of testing that verifies
software and the Thirty integrated
system tosting it purpose of
to -end -
general specification. In
aspect of software B only one
System. Finally H. Computer-based
aspect of a larger computer-based System. Finally, the Software interfered with other Software interfered System testing is actually as Series of different tests, longer Sole Durpose is to be sold whose
System testing is schools
series of different tests, where
Sole purpose is to use I a
Sole purpose is to use III a complete computer-based system
Cr. 2. 2: 1) Come the following terms.
Two category of Saftwere testing
· Black box testing.
Dlack box telling
· 1.1. 1200 to a solve 1. Obed the business
· Whitem box outestingtest test building
Rlock box ofesting that bottom
Black box testing and the state of the state
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output of the software system without worrying about the softwares internal worrying about the softwares.
White box testing. White box Is testing the architecture design and cooling of a software solution. In this type of test, the code appears to the tester. It emainly focuses on volidating the splaw of input and output through the appliection, improving design and usage, and strengthening security. White box testing is also known as clear box Testing, Open box Testing, Structural Testing, Open box Testing, Coole Based Testing and Glass testing. This is usually done by developers.

of software main tenance.
of Software the three mein type
sof twate main fenance.
Ans. (N)
Changes to the sclose we intended
Changes to the system are intended to correct occurs that are reported to be
cross or errors.
cross program bugs or specification
extors.
(B) Ad 13
menagement or environmentel
adaption. Modifying Software to adapt
(B) Adaptive management or environmental adaption. Modifying Software to adapt to changes to other software systems
changes to other softwark systems
o and the second of the
(C) Complete main tenance or aparational
addition. This includes adding new
C) Complete main tenance or aparational addition. This includes adding new Sunctionality or Seatures to the system.
System O
It is sometimes difficult to detect
them, because the same changes
involve three types of meintenance.
For example: A bug that was
Teported in the system was
repaired by upgrading some other
Softwere, and then acrapting the
system to use this new version
(Correction + compatible). New software
may add additional Synationality
and add new features to take
advantage of it, as part of
custom monegement
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re-engineering Costs, Syst	process, this	will in	erease	the
spend a understanding	the sye	deal of	time	10