CCNA D 1 – Personal Computer Hardware
Online Study Guide

Curr	Question	Answer
1.1.1.1	1. What computer would verify personal information and provide access to banking services?	ATM
1.1.1.2	2. What type of software is a computer game?	Application
1.1.2.2	3. What type of application is Email?	network application
1.1.2	Local and Network Applications — Activity	
1.2.2.1	4. What type of server would save floor space?	Rack mount server
1.2.2.1	5. What type of server would a small business use?	Stand alone
1.2.2	Servers, Desktops and Workstations — Activity	
1.2.3.2	6. What device is a scaled-down laptop with no storage drive?	Pocket pc
1.2.3.2	7. What device would use Blackberry OS?	PDA
1.3.2.1	8. What unit of measurement is more than a million bytes or 1,048,576?	megabyte
1.3.2.1	9. What unit of measurement is 1,073,741,824 bytes?	A gigabyte
1.3.2.1	10. What type of storage does a DVD use?	Byte storage
1.3.2	Measuring Data Storage Capacities — Activity	
1.3.2.3	11. Convert 12 BYTES to bits. What is the value?	96
1.3.3.3	12. How is screen resolution measured?	Pixels
1.3.3.3	13. How are wireless transmissions measured?	in hertz
1.4.2.1	14. What moves data between the various connections and system components?	The motherboard
1.4.2.2	15. What device must the motherboard socket be compatible with?	CPU
1.4.2.3	16. What dictates the amount and type of RAM that can be installed on a system?	the motherboard
1.4.3.1	17. What card is used to connect the PC to a network?	NIC
1.4.4.1	18. What is the most widely used storage device?	Hard drive
1.4.4.2	19. What is the storage capacity of Blu-ray disks?	25 GB
1.4.5.1	20. What type of interface is used to connect a Flash drive to a computer?	USB
1.4.6.3	21. What device provides backup power to the system without interruption?	UPS
1.5.1.1	22. Who should open and repair monitors?	individuals with special training
1.5.1.2	23. What is the term used to describe a component that can be added or removed without turning off the computer?	Hot swappable
1.5.1.3	24. True/False: You should repair	True/False

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Jean Andrews

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web toggle on use strain rate dependent data in the material editor a column labeled rate appears in the tabular data area fill in each row with the appropriate values for special table editing options or to read data from an ascii file press mouse button 3 for more information see entering tabular data

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web abaqus caeproperty module optional parameters dependencies in an abaqus explicit analysis this parameter is relevant only for type power law or type yield ratio set this parameter equal to the number of field variable dependencies in the definition of material parameters in addition to temperature

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web mar 5 2015 given you have a target strain rate on a defined element set the pressure will be calculated in order that the maximum strain rate on this element set is always between 0 7 0 8 and 1 5

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web abaqus cae user s manual 12 6 3 entering strain rate dependent data if your material includes strain rate dependence you can enter data to define how material properties vary with strain rate to enter strain rate dependent data toggle on use strain rate dependent data in the material editor

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web to overcome this problem abaqus explicit computes the equivalent plastic strain rate used for the evaluation of strain rate dependent data in terms of a factor that facilitates filtering the high frequency oscillations you can specify the value of the strain rate factor

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web strain rate dependence can be defined by entering hardening curves at different strain rates directly or by defining yield stress ratios to specify the rate dependence independently direct entry of test data

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web input file usage use the following options to include creep behavior in the material model definition material creep use the following options to define creep in conjunction with gasket behavior gasket behavior creep abaqus cae usage property module material editor mechanicalplasticitycreep choosing a creep model

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web the strain rate can be defined by creating a variable in a subroutine and assigning it to the desired strain rate value but in order to be better able to answer i need you to explain more

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web young s modulus 200 0e3 the rate dependence parameters are as follows for the test that verifies the temperature dependencies the power law is entered as a piecewise linear relationship for the cases in which rate dependent test data are specified directly the units are not important

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web i have a simple question regarding implementation of rate dependent yield in the plasticity module of abaqus for the rate dependent plasticity the flow stress σ has been defined the

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web if this parameter is omitted it is assumed that the rate dependent material behavior depends only on temperature see specifying field variable dependence in material data definition section 16 1 2 of the abaqus analysis user s manual for more information

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web abaqus cae usage property module material editor name use the menu bar under the material options list to add behaviors to a material large strain considerations when giving material properties for finite strain calculations stress means true cauchy stress force per current area and strain means logarithmic strain

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web abaqus allows you to define a material s yield behavior accurately when the yield strength depends on the rate of straining and the anticipated strain rates are significant you can define strain rate dependence in two ways enter hardening curves at different strain rates directly as described in the following sections

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web constant strain rates ranging from 10 5 s to 10 1 s these strain rate dependent stress strain relations are used in the input file and were simulated using fe modelling using abaqus same size of the specimen i e 12 7 mm diameter and 25 4m height is modelled in the fe analysis figure 1 shows the fe mesh developed both