Examination

Food Terchnology: 15 marker	Section	Part	Question Number
a, b, c	Ш	/	28

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10/11/11	Number of booklets used for this question) A.
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Instructions

- Write your Centre Number and Student Number at the top of this page.
- In the boxes provided write the name and date of this examination, and the number(s) of the question(s) attempted in this booklet.
- If you have not attempted the question, you must still hand in the Writing Booklet, with the words 'NOT ATTEMPTED' written clearly on the front cover.
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be physical which includes birvising croshing etc which changes the shape and street texture of the fruit; Chemical spoilage due to changed reactions in the fruit states causing it to go off to for example and is have strong bearing to breakdown of fruit; enzymotic spoilage which is the main cause of fruit spoilage as injerting continues after howesting leading to overflering and breakdown of the first howesting leading to overflering and breakdown of the first hissee affecting crown and flavour, living programsm including rats can also spoil fruit as fruit flies dig into the first and consume it leading to spoilage and contamination; and lastly microbial activity by mounds and bacterias can also spoil and lead to the determination of first, for example a moundy apple.

6) The legislature requirements under the Australian Good Standards Code and Code of Practice by Food Standards Notes Astralia New Zealand (FSANZ) relating to the labeling of a preserved fruit product assertances determine every aspect that must be on the presented fruit packaging label regardless of if It's conned or homemade being served in a town fair. These requirements include a name of product, company name, date of packaging/processing, use by or shelf life date leathernely intal for preserved fruit as many believe preserved foods have inlimited Therf life when it is really up to two years in most cases), barrode of commercially made ingredient list including additives flavour enhancer or colours used in commercial presented furt like you strawberry Jam, allergy warring as wuntry of ongin a health and cannot claim be 10

as other book preserved fruit contain son high sugar levels to inhibit microbial growth leading to a less nutritional product.

All there must be placed on preserved fruit babelling including storage conditions after opening as this breaks the number presention process shelf life due to exposure to the elements promoting new microbial activity.

(c) One was presentation process that could be used to extend the shelf life of the oversupplied fort could be turning the fruit into sam which preserves the first through the inacrevation and inhibitation of incrobial activity. This can be used for first Inch as spanbernes, raspbernes, apricons and son bluebernes. Processes undertaken in the trus presention per method is the pasteuniation of the fruit to inactivate or kill be any bacteria present, the Stenlisation of the Jam Jan and equipment to prevent wow Contamination and inhibit microbial activity, the excusion of air when sealing the sam lid onto the jar prevents access of bartena to the product to present it and using additives add and to control the ph of the Jam as bansena connot live in an audic environment of below 4.9. Another preservation process that can be used to extend the sterf life of the fruit is the dehydration of the first to a and furt snack for fuseure use that presents. This process can be used on multiple first products such as bananas apples, pears and apricots. This process uses Bezprenapoles totals the vernoval of moisture assi from the full which Is a requirement backens needs to live, therefore prevening Additional writing space on back page. microbial activity. Equipment that can be used for this presention process son to excend the shelf life includes a dehydrator that can be used both commercially and domestically. The sheating of the first to bemove moisture steaties inactivates the barrier present in the first, and the high heat used to assorb the moisture also stealises barrier effectively billing it from the first, and the last of moisture present after this process prevents microbial activity from recurring, an effective preservation method. An example of this process being used in first preservation is the availability of direct banance pieces in the market todary.

You may ask for an extra Writing Booklet if you need more space.