

Exercise 3

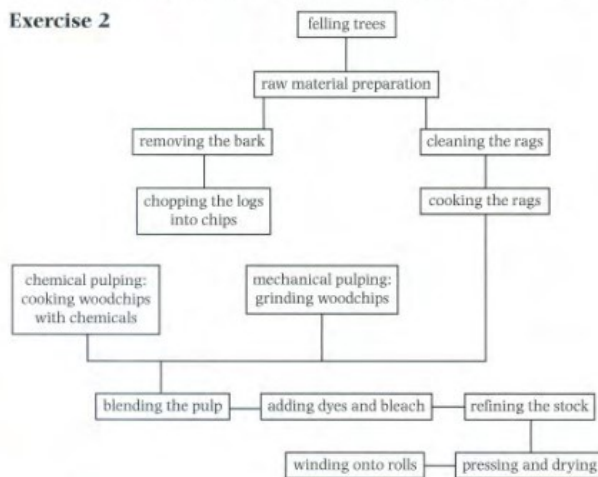
Introduction to food hygiene	Hygiene is important for anyone working in a food business. Good hygiene prevents food poisoning and protects your reputation with customers.
Food handling	While you are working, clean up any spills immediately and clean work surfaces, equipment and floors frequently.
Bacteriology	Cross-contamination can easily occur when one food touches (or drips onto) another, or indirectly, for example from hands, equipment, work surfaces, or knives and other utensils.
Prevention of contamination	Food handlers must protect food and ingredients against risks which may make them unfit for human consumption or a health hazard.
Premises	The place where you work has to be kept clean, maintained in good repair and be designed and constructed to permit good hygiene practices.
Cleaning and disinfection	Floors, walls, ceilings and surfaces (which come into contact with food) must be adequately maintained, easy to clean and where necessary disinfected.
Staff	People who work in food areas can spread food poisoning germs very easily.
Legislation	Owners and managers of food businesses must ensure that their businesses comply with the law.

UNIT 27

Exercise 1

fell	to cut down a tree
bark	outer layer of a log
chop	to cut into small pieces
pulp	to convert wood into a fibrous material by a mechanical or chemical process
grind	to crush into particles
slurry	liquid mixture consisting of fibres in water used in papermaking process
bleach	chemical to whiten paper
press	to squeeze out water between rollers
wind	to turn around so as to form a roll
roll	quantity of paper formed into a large cylinder or ball

Exercise 2



UNIT 28

Exercise 1

wire	a thin piece of metal for conducting electrical current
wave	an electric, electromagnetic, acoustic, mechanical or other form whose physical activity rises and falls as it travels through a medium

analogue	a system in which data is represented as a continuously varying voltage
digital	a system in which data is represented as 0 or 1
amplitude modulation	where audio signals increase and decrease the amplitude of the carrier wave
frequency modulation	where voltage levels change the frequency of a carrier wave
source encoder	a device which maps the source into a set of binary strings
channel encoder	a device which maps the binary strings into coded bits or waveforms for transmission
degradation	the deterioration in quality, level, or standard of performance
distort	to fail to reproduce accurately the characteristics of the input
carrier wave	a wave suitable for modulation by an information-bearing signal

Exercise 2

wire	coaxial cable	copper wire	repeater
	single-wire line		
radio	antenna	microwave	satellite transmitter
optical	fibre optic cable	laser	light-emitting diode
	wavelength		

Exercise 3

Telecommunications Fundamentals	Introduction to the <i>electromagnetic transmission of information</i>
Telecommunications Fundamentals Lab	Hands-on practical experiments to <i>transmit signals</i>
Analogue Communications	<i>Direct transmission of signals</i>
Digital Electronics	<i>Converting analogue signals</i>
Fundamentals of Optical Communications	The advantages of <i>laser technologies</i>
Fundamentals of Telecommunications Networking	Introduction to <i>sharing information</i>
Data Communications Networking	<i>Sharing information between networks</i>

UNIT 29

Exercise 1

1 a, b, d	4 a, b, c, d
2 a, c, d	5 c, d
3 b, c	6 a, c, d

Exercise 2

answering machine	radio signal	video camera	relay station
cable television	television set	retrieve messages	
transmitting antenna	cordless phone	telephone jack	
1	The telephone can be used to pay bills and <i>retrieve messages</i> from <i>answering machines</i> .		
2	With an omnidirectional antenna, <i>radio signals</i> can be transmitted over a wide area.		
3	A videophone incorporates a <i>video camera</i> and display, a microphone and speaker.		
4	A <i>cordless phone</i> allows limited mobility in and around the home.		
5	Cable television allows access to many television stations.		

Exercise 3

a PDA	f clock and alarm
b email	g currency converter
c browsing	h alert
d screen	i organizer
e cell phone	j weight