UNIT 14 Exercise 3 advanced braking system a tests Exercise 1 airbags desert 1 an acute - a chronic 5 walking - breathing alarm c family unlikely - likely 6 digestive - nervous d air conditioning immobilizer 1 7 salt – sugar 3 infectious - emotional mini sunroof e 8 physiotherapist - pharmacist 4 asthma - malaria people carrier f electric n Exercise 2 central locking van 1 midwife/obstetrician 6 occupational therapist h Power assisted steering p alloy wheels 2 radiologist dentist 3 anaesthetist physiotherapist UNIT 12 _ paediatrician nutritionist Exercise 1 10 radiographer paramedic contains 6 carbon atoms in a ring benzene Exercise 3 chemicals that contain the benzene ring aromatics cancer the simplest olefin; it is a sweet-smelling gas that a heart attack ethylene tablet f doses is used to make plastics a group of compounds made by cracking stroke g chronic olefins h arthritis side effect alkanes and used to make plastics and antifreeze inorganic compounds of fluorine that are added fluorides to toothpastes UNIT 15 compounds that react with acids to give off carbonates Exercise 1 carbon dioxide 1 felt 5 ventilating compounds containing chlorine and another chlorides partitions -deadening element 7 deep vapour methanol an alcohol with the formula CH, OH structure 8 Caisson piers nitrates contain NO,- and a metal cation compound of oxygen and another element oxides Exercise 2 made from propene and often used for kitchen polypropylene 5 roof truss 1 beam tools, for example 6 lattice girder 2 column steel girder 7 pile foundations Exercise 2 curtain wall 1 insecticide 5 matt 2 synthetic cosmetic Exercise 3 3 fertilizers flavours load-bearing g masons 4 fast drying stiff h roofers b surveyor architect plasterers C Exercise 3 quantity surveyor electricians processes soaps k plumbers foundations basic dyes carpenters 1 painters textile acids m explosives alkalis d UNIT 16 fertilizers plastics petrochemical paints Exercise 1 glass tough 5 superconductors p 1 panelboard transparent h oil 6 explosionproof watertight i Intermediate resistant 7 overload 3 rainproof 4 switchboard 8 dustproof UNIT 13 Exercise 2 Exercise 1 1 laser 6 robotics labelling 1 detection device branch circuit therapeutic 2 hospital, observe 8 short circuit 3 signal 3 seized diagnosis (circuit) breaker radar licence 4 inspections fibre optics 10 junction (electrical) box Exercise 2 Exercise 3 inorganic 1 viscosity a turbines transformers 2 boiling point odour generators cable preservatives 3 aerobic fuse transformers C i 4 distil extract circuits d cables i 5 ferment power k lighting transmission lines I appliances Exercise 3 h regulatory treatment UNIT 17 _ approved laboratories c stringent harmful Exercise 1 d healthy safety 1 Transistors 5 storage patients placebo 2 semiconductor 6 reliability

3 electronic

receives

7

microprocessors

8 communication

suffering

disease

m evaluate

Exercise 2	
1 amplified, amplifier	6 storage
2 entertainment	7 transmission
3 generation 4 integrated	8 stored
5 reliable	9 Transmission, modulation 10 emitted
	10 emitted
Exercise3	1
a Transistors	f integrated circuits
b Resistors	g semiconductor
c electrons d Diodes	h siliconi germanium
e Capacitors	i devices
Сирислого	, devices
UNIT 18	
Exercise 1	
	dio, television, altimeter, computer
	solutions, transmit data, diagnose
	s, evaluate results, provide support
	tation systems, automotive industry,
pharma defence	ceutical industry, chemical industry,
delettee	
Exercise2	
1 space technology	4 computer-guided robots
2 satellite communica	•
3 personal computer	6 consumer goods
Exercise 3	
a medical	d instrumentation
b technicians	e examined
c repair	f architecture
UNIT 19 Exercise 1	
	wind 4 plutonium 5 wave
6 petroleum	
Exercise2	
Across	Down
1 commissioned	2 open coal fires
3 electrical	4 magnetic
7 geothermal	5 greenhouse
9 gasworks	6 transport
10 sun	8 hydraulic
12 uranium	11 petroleum
13 solar cell 14 kinetic	15 solar
15 scheme	
16 biofuel	
Exercise 3	
	h water
a fossil fuels b coal	h water i turbines
c power stations	
d produce	j generators k Wave
e gas	l tidal
f non-renewable	m barrage
g renewable	<i>a</i>
UNIT 20	
Exercise 1	
1 suspension	4 masonry arch
2 cantilever	5 bascule
3 clapper	6 swing
Exercise 2	= "
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7 well

8 tunnels

10 bulldozer

11 dredger12 road roller

9 desalination

Exercise 3		
a camber	g macadam	
b crown	h potholes	
c sewer	i main	
d manholes	j soft shoulder	
e pavement f curb	k culvert	
24		
UNIT 21		
feasibility study	investigation to assess both financial and	
icusionity study	engineering aspects of a project	
site investigation	study of the proposed location to assess geology of the area	
maintenance	activities carried out after the project to ensure problems are solved	
soil mechanics	extensive investigation to evaluate the load-bearing qualities and stability of the	
specifications	ground dimensions and measurements	
technical drawing		
commission a pro		
costing system	procedure to monitor the costs of a project	
	so that management can get information on development	
tender	offer of a bid for an engineering contract	
turnkey project	building or installation which is built,	
	supplied, or installed complete and ready to operate	
Exercise 2		
Phase	Tasks	
Before construction		
	preliminary site investigation	
	extensive site investigation detailed design	
During constructi		
0	consulting engineer contact with	
	contractors	
	consulting engineer communications with client	
After construction	HALL CHOIL	
	i municipalice	
Exercise 3	a sahadalina	
a engineerb industrial	e scheduling f draft	
c construction	g site	
d claims	h client	
UNIT 22		
Exercise 1		
	ural occurrence of a useful mineral in sufficient	
	tities for exploitation we soil and/or rock materials from one location	
	ransport them to another	
	search for coal, minerals, or ore	
	ve coal or ore from a mine	
	ural resource extracted from the earth for	
mining the se	human use, e.g. ores, salts, coal, or petroleum the science, technique, and business of mineral	
	very and exploitation aturally occurring material from which a	
	ral or minerals of economic value can be	
	line a territory under for its mineral wealth	
quarry an or	en or surface mineral working, usually for the	
extra limes	ction of building stone, such as slate and tone	

1 dam

2 dike

6 sluice

3 viaduct

4 aqueduct 5 lock