

1	 carries a road or railway across water.	a) dike	b) viaduct	c) dam
2	Places in oceans, seas, or large lakes.....	a) river banks	b) on shore	c) offshore
3	Dimension and measurements.....	a) costing system	b) site investigation	c) specification
4	A pyramid of steel erected over a bore hole to drill for oil. -4	a) derrick	b) drill	c) platform
5	 is an oily, thick, flammable, usually dark-colored liquid	a) natural gas	b) tarmac	c) petroleum
6	A kind of bridges.	a) crown	b) sewer	c) cantilever
7	The science, techniques, and business of mineral discovery and production	a) quarry	b) mining	c) mineral
8	The black surface we use nowadays in road construction is called Tarmac بسطح أسود مستخدم في البنى التحتية	a) curb	b) macadam	c) pavement
9	A civil engineering tool. من أدوات الهندسة المدنية	a) bulldozer	b) tarmac	c) lift
10	Extracting the minerals.	a) exploring	b) developing	c) exploiting
11	The road has a to allow rainwater to run off a surface	a) crown	b) camber	c) curb
12	A hole drilled into the earth to recover oil or gas.	a) drill	b) well	c) reservoir
13	This structure is built across a river to hold back water to produce power.	a) dam	b) tunnel	c) dike
14	This machine or ship is used for removing sand and mud from the bottom of a river or harbor.	a) dredger	b) bulldozer	c) aqueduct
15	The machine is used for rolling tarmac or asphalt flat on the road surface	a) dredger	b) bulldozer	c) road roller
16	The highest part of the road is	a) sewer	b) crown	c) curb

17	This is the process of removing salt from sea water.		
	a) suspension	b) soft shoulder	(c) desalination
18	An offer or a bid for an engineering contract.		
	(a) tender	b) maintenance	c) feasibility study
19	To cut through rock.		
	a) rig	b) reservoir	(c) drill
20	The naturally occurring material from which a mineral of economic value can be extracted.		
	(a) mine	b) ore	c) quarry
21	Engineering students should have an understanding of maths,, and chemistry		
	a) highway	(b) physics	c) production
22	One of the branches of engineering is		
	a) crane	(b) mining	c) gas engine
23	Chemical, electronic and structural are.....		
	a) verbs	(b) adjectives	c) nouns
24	Electronics..... a branch of engineering		
	a) am	b) are	(c) is
25	A..... engineer is trained to understand, design, control, and investigate material flows.		
	(a) Chemical	b) Structural	c) Electrical
26	Most..... devices need oil as lubricant.		
	a) hard	(b) mechanical	c) structural
27	"Soften" is.....		
	a) to protect from rusting by coating in zinc, e.g. food cans	b) to polish or sharpen by rubbing on a rough surface, e.g. stone	(c) to make something softer, e.g. fibres
28	The first step in the process of developing a car is.....		
	a) a plan is set up to build a car	(b) customers are asked question about the sorts of features they would like in a car	c) a prototype is built
29	Fuel tank.....		
	(a) holds fuel	b) hold brake fluid	c) produces electricity
30	Engine.....		
	(a) provides power	b) reduces the exhaust noise	c) cools water from the engine
31	Steering wheel.....		

	a) stores electricity	b) used by the driver to turn the car	c) carries waste gases to the exhaust pipe
32	The final step in the process of developing a car is.....		
	a) marketing teams work to promote the new model and the new car is launched	b) tests are carried out in different conditions	c) researches analyse answers and suggest the type of car to be built
33	The central part of car manufacture is the..... where car bodies are shaped and painted.		
	a) workshop	b) marketing	c) production
34	Engineering is based principally on.....,,		
	a) physics, chemistry, and mathematics	b) engines, machine tools, and machine parts	c) physics, chemistry, and science
35	Farmers use this to kill insects		
	a) insecticide	b) stiff	c) matt
36	These give food a good taste		
	a) flavour	b) fertilisers	c) synthetic
37	Products of chemical industry include.....		
	a) soup	b) soap	c) stop
38	Methanol is.....		
	a) chemicals that contain benzene ring	b) contains six carbon atoms in a ring	c) alcohol with the formula CH_3OH
39	William Perkin discovers..... from coal		
	a) dsey	b) dyes	c) desy
40	If you interest is in road building then you may follow a specialised course in.....		
	a) highway	b) electronic	c) electrical
41	One of the major elements of a building is		
	a) the beam	b) the reinforced concrete	c) the structure
42	This person who makes a detailed drawing for a building is called		
	a) the mason	b) the architect	c) the plumber
43	It is used to reduce sound passing from one room to another		
	a) sound deadening material	b) caisson piers	c) sound barrier materials
44	They support the floors and the roof in a building		
	a) non-load bearing walls	b) curtain walls	c) loadbearing walls
45	The act of erection or assembly of large structures is referred to as		
	a) construction	b) telecoms	c) mining

46	Communication is a branch of	a) civil engineering	b) electrical engineering	c) electronics
47	A connection point where several cables are connected	circuit breaker	b) short circuit	c) junction box
48	A situation where the electrical current takes an easier path than intended	a) circuit breaker	b) short circuit	c) junction box
49	In power stations, high pressure steam is used to drive	a) generators	b) turbines	c) transformers
50	A device that uses electromagnetic waves to calculate the distance of an object	a) radar	b) laser	c) signal
51	It is a branch of engineering and physics	a) civil engineering	b) electrical engineering	c) electronics
52	The key components of electronics	a) inductors	b) transistors	c) transformers
53	These reduce the flow of electrons through the circuit	a) capacitors	b) diodes	c) resistors
54	These function as electronic valves allowing current to flow in only one direction	a) capacitors	b) diodes	c) resistors
55	These store the electricity in order to smooth the flow	a) capacitors	b) diodes	c) resistors
56	This energy is associated with electric current	a) kinetic	b) magnetic	c) nuclear
57	This type of energy is in things that are moving	a) kinetic	b) magnetic	c) nuclear
58	The movement of the sun, moon, and earth combine to produce power	a) tidal	b) solar	c) wave
59	These turn the energy in sunlight into electricity	a) powerhouse	b) solar cell	c) solar panel
60	This is a hydroelectric power station together with its dam and reservoir	a) gasworks	b) powerhouse	c) scheme