

Benha University

Time: 2 hours

Benha faculty of Engineering Date: 28/6/2022

Student name:.....

Preparatory year final exam subject: Technical English Total marks: 30 Student number:.....

(Model B)

.....

- Choose the correct answer:-

1- A mixture of two or more elements is					
a) Composite	b) ore	c) alloy	d) matter		
2-Jim is on holiday. He .	to Italy.				
a) Went	b) gone	c) been	d) go		
3- Toma stud	dent for two years nov	Ν.			
a) is	b) was	c) has been	d) have been		
4- The report is due wo	rk next week, but I	yet.			
a) will finish	b) didn't finish	c) haven't finished	d) don't finish		
5- I'm sorry Paula,	For me long?				
a) Do you wait	b) did you wait	c) have you been waiting	g d) are you waiting		
6- Egypt The	African Nations Cup in	n 2008.			
a) Win	b) won	c) wins	d) was wining		
7- What Betwe	en 7 and 8 last Friday	evening?			
a) Are you doing	b) did you do	c) were you doing	d) have you done		
8- Aluminium is a/an					
a) Compound	b) element	c) mixture	d) composite		
9- A liquid pumped onto a workpiece that is being machined, to stop it overheating is called a					
a) thermal inertia	b) hot exchanger	c) coolant d) s	superheated steam		
10 is energy from an atomic reaction.					
a) Light energy	b) thermal energy	c) nuclear energy	d) chemical energy		
11is the amount of energy needed to do a task.					
a) Power	b) work	c) density	d) acceleration		
12- Why go out last Monday?					

a) Does she	b) was she	c) has she	(d) did she		
13- You're out of breath. Have you?						
a)run	b)been running	c) ran	d)runr	ning		
14- The soil and rock	s on the surface of the eart	h remain warm at n	ight in sun	nmer, due to the		
principle of						
a)radiation	b) coolant	c) thermal inert	ia (d)heat skin		
15- The washing ma	chine before it w	vas used.				
a) Checked	b) has checked	c) is checking	5	d) was checked		
16- Yesterday aftern	oon, AliTV.					
a) Watches	b) watching	c) was wa	tching	d) watch		
17- Saffron Walden	a lot in the last five	e hundred years.				
a) Has grown	b) grew	c)is growir	ng	d) grows		
18- The blacks	18- The blacks in Saffron Walden for thirty years and they still like it.					
a) Lived	b)live	c)have been living		d) has lived		
19- In gas form, wat	er is called					
a) Vapor water	b) evaporation	c) water vapo	r	d) degrees Celsius		
20- Tom has	out. He'll be back in abou	t an hour.				
a) Been	b) went	c) gone	d) go			
21- I wonder why Sue so serious these days. She isn't really like that.						
a) Is	b) is being	c) was	d) was bei	ing		
22- ' are you going to the bank? ' no , I've already to the bank.						
a) Went	b) been	c) gone	d) go	ping		

-Complete the paragraph using the words in brackets:-

(a) rusts	b) stainless	c) grade	d) steel	e) corrosion)

The perennial problem with mild (23)is that it (24)when exposed to air and water. Generally, the only solution is either to apply a protective coating, or to use another (25).....of steel that is resistant to the (26) Process- the most well-known being (27).....steel.

-Decide whether the following statements are true or false , if true choose A , if false choose B:-

28- The height of the towers is measured horizontally	A) true	B) false
29- Mild steel is a high carbon steel	A) true	B) false
30- The overall span is measured along the width of the bridge	A) true	B) false

31- Stainless steel is an alloy steel	A) true	B) false
32- The greatest thickness of each tower is its internal thickness at its	base A)true	B) false
33- Steel is an alloy of iron and carbon	A) true	B) false
34- High-speed steel is suitable for making cutting tools that get very h	not A)true	B) false
35- The highest point of the structure is the top extremity of the highe	est tower A) tr	ue B) false
36- Alloy steel contains carbon	A) true	B) false
37- The tops of the towers are at different levels, so a horizontal plane tower will not strike the tops of all the others	e striking the to A) true	op of one B) false
38- Tungsten is added to steel to make it softer	A)true	B) false
39- Low alloy steels contain more chromium than iron	A) true	B) false

-Match the two parts :-

- 40- Engineered wood
- 41- Soft wood
- 42- Solid wood

a)comes only from coniferous trees

b)specifically describes single pieces of timber, not multiple pieces that have been bonded together.

c) is always made from multiple pieces or particles of wood.

-Complete the sentences from the words below:-

(a) work	b) draft	c)comment	d) current	e) working)
43- Has the d	rawing been	revised, or is thi	s the first	?
44- This has	been superse	ded. It's not the	drawi	ng.
45- Has this d	Irawing been	signed off? Can	they t	to it in the factory?
46- I still need	d to o	on the latest set	of the drawing	5.
47- Construct	tion can't star	t until the first	drawin	gs have been issued.

-Match the following sentences with its opposite meanings:-

48- a description of design objectives	A) concept
49- a rough, hand-drawn illustration	B) design brief
50- an initial diagram, requiring further development	C) sketches
51- an overall design idea	D) preliminary drawing

-Complete the paragraph from the words below:-

(a) stress graded	b) soft wood	c) ply wood	d) glue- laminated)
(4) 50 600 8.4464	<i>b</i> / 5511 11000	e, p.,	a, o.ac .a

From an environmental perspective, wood has many advantages. Firstly, it comes from a sustainable source. Coniferous trees grow relatively fast, providing a rapidly replaceable source of (52)...... secondly, almost all the timber in a tree can be utilized , leaving little or no waste. The best quality wood can be used for structural applications, where solid, (53)...... sections are required by engineers; for high strength elements such as (54)...... Beams; and in the high-quality plies used to make (55).....

Complete the sentences from the words below:-

(a) visually stress-graded	b) rough sawn	c) mechanically stress-graded
d)planned	e) stress grade)	

56- wood has a smooth finish after it has been

57-wood cut with a circular saw is called...... timber.

58- after timber is tested for strengths and weakness, it is given a

59-when timber is inspected by a person who looks for weakness, it is

60- when timber is inspected by a machine which tests its strength, it is.....

Good Luck

Model Answers

- 1-c
- 2-a
- 3-с
- 4-c
- 5-с
- 6-b
- 7-с
- 8-b
- 9-с
- 10-с
- 11-b
- 12-d
- 13-b
- 14-с
- 15-d
- 16-c
- 17-a
- 18-с
- 19-с
- 20-с
- 21-b
- 22-b
- 23-d

24-a		
25-с		
26-е		
27-b		
28-b		
29-b		
30-b		
31-a		
32-b		
33-a		
34-a		
35-а		
36-a		
37-a		
38-b		
39-b		
40-с		
41-a		
42-b		
43-b		
44-d		
45-a		
46-с		
47-е		

- 49-с
- 50-d
- 51-a
- 52-b
- 53-a
- 54-d
- 55-с
- 56- d
- 57-b
- 58-е
- 59-a
- 60-с