

Benha University

Benha faculty of Engineering

Date: 28/6/2022

Time: 2 hours

Student name:....

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

(Model A)

.....

Complete the paragraph using the words in brackets:-

(a) amendments b) revision c) issued d) notes e) draft)

There seems to be a problem with dwg 1120, which you (1)yesterday. The drawing is marked as (2) c, but there are no (3)..... in the right-hand column detailing the (4) made, and on the actual drawing, there are no visible differences from the first (5).....

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

| 6- The height of the towers is measured horizontally | A) true | B) false |
|---|------------------|-----------|
| 7- Mild steel is a high carbon steel | A) true | B) false |
| 8- The overall span is measured along the width of the bridge | A) true | B) false |
| 9- Stainless steel is an alloy steel | A) true | B) false |
| 10- The greatest thickness of each tower is its internal thickness at its | base A)true | B) false |
| 11- Steel is an alloy of iron and carbon | A) true | B) false |
| 12- High-speed steel is suitable for making cutting tools that get very | hot A)true | B) false |
| 13- The highest point of the structure is the top extremity of the high | est tower A) tru | e B)false |
| 14- Alloy steel contains carbon | A) true | B) false |

15- The tops of the towers are at different levels, so a horizontal plane striking the top of
one tower will not strike the tops of all the othersA) trueB)false

| 16- Tungsten is added to steel to make it softer | A)true | B) false |
|--|---------|----------|
| 17- Low alloy steels contain more chromium than iron | A) true | B) false |

Match the following sentences with its opposite meanings:-

| 18- a description of design objectives | A) concept |
|---|------------------------|
| 19- a rough, hand-drawn illustration | B) design brief |
| 20- an initial diagram, requiring further development | C) sketches |
| 21- an overall design idea | D) preliminary drawing |

Complete the sentences from the words below:-

| (a) work | b) draft | c)comment | d) current | e) working) | |
|--|-----------------|---------------------|----------------|----------------|--------------------|
| 22- Has the drav | wing been rev | vised, or is this t | he first? | | |
| 23- This has be | en supersede | d. It's not the | drawing. | | |
| 24- Has this drawing been signed off? Can they to it in the factory? | | | | | |
| 25- I still need t | o on t | the latest set of | the drawings. | | |
| 26- Constructio | n can't start u | Intil the first | drawings | have been issu | ied. |
| <u>- Choose the</u> | correct ans | wer:- | | | |
| 27- A mixture o | f two or more | e elements is | | | |
| a) Composite | I | o) ore | c) alloy | d) mat | tter |
| 28- Jim is on ho | liday. He | to Italy. | | | |
| a) Went | k | o) gone | c) been | d) go | |
| 29- Tom | a student | for two years n | ow. | | |
| a) is | b) was | | c) has been | d) ha | ve been |
| 30- The report i | s due work ne | ext week, but I | yet. | | |
| a) will finish | b) didn | 't finish | c) haven't fin | ished d) d | don't finish |
| 31- I'm sorry Pa | ula, F | or me long? | | | |
| a) Do you wait | b) did | you wait c) | have you been | waiting | d) are you waiting |
| 32- Egypt | The Afri | can Nations Cup | in 2008. | | |

a) Win b) won c) wins d) was wining 33- What..... Between 7 and 8 last Friday evening? b) did you do c) were you doing d) have you done a) Are you doing 34- Aluminium is a/an a) Compound b) element c) mixture d) composite 35- 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) superheated steam 36- is energy from an atomic reaction. a) Light energy b) thermal energy c) nuclear energy d) chemical energy 37-is the amount of energy needed to do a task. a) Power b) work d) acceleration c) density 38- Why...... go out last Monday? a) Does she b) was she c) has she d) did she 39- You're out of breath. Have you.....? b)been running d)running a)run c) ran 40- The soil and rocks on the surface of the earth remain warm at night in summer, due to the principle of b) coolant c) thermal inertia a)radiation d)heat skin 41- The washing machine before it was used. a) Checked d) was checked b) has checked c) is checking 42- Yesterday afternoon, AliTV. a) Watches b) watching c) was watching d) watch 43- Saffron Waldena lot in the last five hundred years. a) Has grown b) grew c) is growing d) grows 44- The blacks in Saffron Walden for thirty years and they still like it. a) Lived b)live c)have been living d) has lived 45- In gas form, water is called..... b) evaporation d) degrees Celsius a) Vapor water c) water vapor 46- Tom has out. He'll be back in about an hour. a) been b) went c) gone d) go 47- I wonder why Sue so serious these days. She isn't really like that. a) Is b) is being c) was d) was being 48- ' are you going to the bank? ' no , I've already to the bank. a) went b) been c) gone d) going

-Complete the paragraph from the words below:-

| 1 | a) stress graded | b) soft wood | c) ply wood | d) glue- laminated) |
|---|------------------|--------------|-------------|---------------------|
| • | aj suess glaueu | b) SUIL WUUU | | uj glue- lammateuj |

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 (49)...... 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, (50)...... sections are required by engineers; for high strength elements such as (51)...... Beams; and in the high-quality plies used to make (52).....

Match the two parts :-

- 53- Engineered wood
- 54- Soft wood
- 55- 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) visually stress-graded d)planned | b) rough sawn e) stress grade) | c) mechanically stress-graded |
|--|------------------------------------|-------------------------------|
| 56- Wood has a smooth finish aft | er 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.....

With my best wishes

Model Answers

1-c 2-b 3-d 4-a 5- e 6- b 7-b 8-b 9-a 10-b 11-a 12-a 13-a 14-a 15-a 16-b 17-b 18-b 19-с 20-d 21-a 22-b 23-d 24-a 25-с 26-е 27-с 28-a 29-с 30-с 31-с

| 32-b |
|-------|
| 33-с |
| 34-b |
| 35-с |
| 36-с |
| 37-b |
| 38-d |
| 39-b |
| 40-с |
| 41-d |
| 42-с |
| 43-a |
| 44-с |
| 45-с |
| 46-с |
| 47-b |
| 48-b |
| 49-b |
| 50-a |
| 51- d |
| 52-с |
| 53-с |
| 54-a |
| 55-b |
| 56-d |
| 57-b |
| 58-е |
| 59-a |
| 60-с |