First Year
First Term
Final Exam
Examiner: Dr. Yasmin Mohammed

English Language Course
Code: (C-1111)
Allowed Time: 2 hours
Pages: 4 pages

## Model (A)

## Attempt ALL the following questions:

Choose the correct answer to complete the following sentences:

1) ----- can be mixed with copper to make bronze.
a) tin
b) duralumin
c) gold
d) silver
2) Did you ----- your work?
a) finish
b) finished
c) have finished
d) had finished
3) 'to -----' means to set permanently.
a) make up
b) join
c) melt
d) cure
4) A natural polymer is -----.
a) $A B S$
b) rubber
c) synthetic
d) manmade
5) My friend ----- her apartment.
a) don't like
b) doesn't like
c) isn't liking
d) isn't being liked
6) In some countries it is obligatory to use a/an ----- car kit when you are using a mobile phone while driving.
a) voice-activated
b) space-saving
c) hands-free
d) stand-lone
7) ------ is a plastic that sets permanently.
a) thermosetting
b) thermoplastics
c) polycarbonate
d) ABS
8) '---bug' means to correct errors in a program or a system.
a) un-
b) e-
c) de-
d) re-
9) Do you ----- for this company?
a) work
b) working
c) are working
d) have worked
10) Has this drawing been signed off? Can they ----- to it in the factory?
a) circulate
b) comment
c) send
d) work
11) Julia thinks politics is very -----.
a) interest
b) interested
c) interestingly
d) interesting
12) This has been superseded. It's not the ----- drawing.
a) preliminary
b) working
c) current
d) comment
13) Fax-machine is a/an ----- device, so it doesn't require any other device to function.
a) voice-activted
b) space-saving
c) object-oriented
d) stand-alone
14) This is the first time I've ever seen snow. It ----- in my country.
a) doesn't snow
b) didn't snow
c) isn't snowing
d) don't snow
15) In cyberspace, 'up---' means to send a file.
a) grade
b) compress
c) date
d) load
16) The printer's ----- didn't identify any errors.
a) self-test
b) stand-alone
c) test-self
d) none of the preceding

(fig.1)
a) safe
b) safely
c) much safely
d) most safely
17) Polymers consist of long chains of ----- which form extremely large ------ .
a) manmade - synthetic $\quad$ b) molecules - atoms $\quad$ c) synthetic-manmade d) atoms-molecules
18) A shorter name of 'polyvinylchloride' is -----
a) CVP
b) PCV
c) VCP
d) PVC

For (20-22), check the opposite figure (fig.1). Then choose the correct label of the pipe dimensions:
20) a) invert
b) crown
c) ID
d) bore
21) a) invert
b) crown
c) ID
d) OD
22) a) bore
b) $O D$
c) crown d) invert
23) ----- can be mixed with ----- to make brass.
a) zinc - aluminum
b) tin - gold
c) tin - copper
d) zinc - copper

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24) Julia is ----- in politics.
a) interest
b) interested
c) interestingly
d) interesting
25) Another word which means 'amend' is -----
a) supersede
b) refine
c) agree
d) distribute
26) My brother ----- no job right now.
a) has
b) have
c) doesn't have
d) isn't having
27) Another word which means 'not natural' is -----.
a) natural
b) rubber
c) elastomer
d) synthetic
28) I wonder why Sue ----- so serious these days! She isn't really like that.
a) is
b) is being
c) was
d) was being
29) An initial diagram, requiring further development, is called -----
a) a design brief
b) a concept
c) a preliminary drawing
d) a sketch
30) At 10 o'clock tomorrow, Sally will be in her office. She -----.
a) is working
b) was working
c) will be working
d) will work

For (31-34), check the opposite figure (fig.2). Then complete the labels:
31) a) electroplating
b) steel
c) zinc
d) electrolyte
32) a) anode
b) cathode
c) electrolyte
d) anodizing
33) a) anode
b) cathode
c) electrolyte
d) anodizing
34) The figure shows the process of -----
a) anodizing b) hot-dip galvanizing c) aircraft manufacturing d) electroplating

(fig.2)
35) ----- has a high strength-to-weight ratio and is often alloyed with 'aluminium'.
a) copper
b) titanium
c) tin
d) zinc
36) Her three-year-old boy is really -----. He is hyper active and she has to follow him step by step.
a) tire
b) tiringly
c) tiring
d) tired
37) The perennial problem with mild steel is that it -----
a) corrodes
b) corrosion
c) go corrosion
d) none of the preceding
38) 'to distribute' means 'to ------'
a) accept
b) issue
c) sign off
d) improve
39) The opposite picture shows -----
a) sand
b) fine aggregate
c) cement
d) coarse aggregate
40) ----- is used for forming melted plastic.
a) Polymer chain
b) Rubber
c) ABS
d) none of the preceding
41) A brown/red material on the surface of steel is called -----
a) rusty
b) rusting
c) go rusty
d) oxidize
42) 'oxidize' is a/an -----
a) noun
b) adjective
c) verb
d) none of the preceding
43) ----- affects the wetness and strength of concrete.
a)28-day strength
b) retarder
c) fine aggregate
d) none of the preceding
44) ----- is a very elastic polymer.
a) Elastomer
b) $A B S$
c) Polycarbonate
d) Epoxy resins
45) ----- means different types of chemicals put in concrete.
a) Additive
b) Coarse aggregate
c) Batching
d) 28-day strength

Complete the notes using the words in the box below:
a) diameter
b) circular
c) radius
d) circumference

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Before tyres are fitted to vehicles:

- shape is round - outside edge is perfectly (1)
- distance from centre of wheel to edge of tyre $=(2)$
- total distance across tyre $=2 \times$ radius $=(3) \ldots \ldots . . . . . . . . . . . . . . . . .$. of tyre
- all measurements from centre to points around tyre's (4) ......................... are equal - tyre has (5) .......................... radius
$\begin{array}{llll}\text { 46) b } & \text { 47) c } & \text { 48) a } & \text { 49) } d\end{array}$
Match the information in the left-hand column with the correct answer in the right-hand column:

| Definition | Compound word |
| :---: | :---: |
| 50) The configuration of hardware and software (b) | a) bandwidth |
| 51) The rate at which data flows through a cable or a network (a) | b) setup |
| 52) A type of data transmission that provides fast internet access © | c) broadband |
| 53) A person who helps write and test a new operating system (d) | d) software engineer |
| Description | Drawing view |
| 54) A 3D view, with the 2D face of the object at the front (d) | a) an oblique projection |
| 55) A 3D view, with corner of the object at the front (a) | b) an exploded view |
| 56) A 3D view, showing an assembly taken to pieces (b) | c) an elevation |
| 57) A 2D view of the side of an object © | d) an isometric projection |
| Modifier | Head |
| 58)Mail merge | a) board |
| 59) Web portal | b) bar |
| 60) Clip board | c) portal |
| 61) scroll bar | d) merge |
| Description | Expression |
| 62) Mixing concrete accurately batching | a) plasticizer |
| 63) Another word which means 'to place' pour | b) retarder |
| 64) Allows concrete to stay wet for longer retarder | c) batching |
| 65) Makes drier concrete easier to work with plasticizer | d) pour |
| Adjective | Form/Degree |
| 66) most (c)) | a) The comparative form of 'little' |
| 67) less ((a) | b) The comparative form of 'many' |
|  | c) The superlative form of 'many' |
| 68) least (d) | d) The superlative form of 'little' |
| Word group | Name of metal |
| 69) Alloy a/d | a) lead |
| 70) Metal element a | b) duralumin |
| 71) Precious metal c | c) gold |
|  | d) brass |

Find the mistake in each of the following statements. If there is no mistake, choose $\underline{d}$ :
72) The superlative degree of the adjective 'bad' is 'best'. d
a)
b) c)
73) Cyberslacking is the electronic space in which online communication takes place. a
a)
b)
c)

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74) Mild steel is a high carbon steel. c
a)
b)
c)
75) The comparative degree of the adjective 'good' is 'better'. d a)
b)
c)
76) 'super-' and 'semi-' are prefixes of location.
a)
b)
c)
77) Chromium and nickel are used as alloying metals in steel. d
a)
b)
c)
78) This tea tastes a bit strange. d
a)
b)
c)
79) Medical researchers exchange information through email and teleconferencing. $d$
a)
b)
c)
80) Her illness was more serious than we thought at first. d
a) b) c)
81) It's one of the eldest castles in Britain.
a)
b) c)

Read the extract describing a plastic panel manufacturing process. Then decide whether the following sentences below

> By this stage of the process, the plastic is solid, and has fully cooled. Selected panels can now undergo quality-control testing, to check they are strong enough to cope with the tough conditions they will be exposed to in use. Tests include tensile testing, where narrow lengths of panel are subjected to high tension loads to check they do not stretch or fracture. More tests are carried out to check the panels' resistance to impacts and scratching. Any products that fail the tests are returned to the beginning of the production process, melted down, and their material is reused.

## are a) true or b) false:

| 82) The plastic was heated earlier in the process. | a) True $\quad$ b) False |
| :--- | :--- |
| 83) The palstic has now set. | a) True b) False |
| 84) To pass one of the tests, the palstic must be an elastomer. | a) True $\quad$ b) False |
| 85) The material is a thermoplastic. | a) True $\quad$ b) False |

Change ONE word in each of the sentences below to correct them using $a, b, c$, or $d$ :
86) Tungsten is added to steel to make it softer.
Possible correction:
a) rust
b) stainless
c) higher
d) harder
87) An object-oriented application is operated by making choices from menus instead of giving instructionson a keyboard.
Possible correction:
a) A voice-activated
b) A menu-driven
c) A recording-head
d) An oriented-object
88) Electrical drawings don't usually show sizes. They're shown as detail drawing.
Possible correction:
a) schematic drawing
b) GA
c) CAD
d) one-to-fifty
89) The radius of the curve in the motorway is constant, so the edges of the road follow chords of a circle.
Possible correction:
a)diameters
b) straight lines
c) arcs
d) radii
90) The distance travelled by the vehicle each time its wheels turn completely is equal to the radius of one of its tyres.
Possible correction:
a) circumference
b) diameter
c) arc
d) chord

