**Faculty of Engineering**

**First Year Architectural**

**Final Exam**



**Subject: English**

**Year: 2017-2018**

**Time: 2 hours**

**Choose the correct answer:**

**1. By the time the guests arrive, I ------------- the kitchen.**

**A. will clean B. have cleaned C. cleaned D. will have cleaned**

**2. I don't know if I can stand to have Sue for a roommate one more day.She ------------ up the kitchen!**

**A. always messes B. always messing C. is always messing D. is always messed**

**3. I wonder why Sue ------------- so serious these days! She isn't really like that.**

**A. is B. is being C. was D. was being**

**4. Each girl and boy in the sixth-grade class ------- to do a science project.**

**A. has B. have C. do D. does**

**5. What you are talking about? I --------------- you.**

**A. don't understand B. not understanding C. not understand D. am not understanding**

**6. A number of students ------------- absent today.**

**A. is B. are C. has D. have**

**7. Twenty dollars --------------- an unreasonable price for the necklace.**

**A. has B. have C. is D. are**

**8. The elderly in my country ---------- cared for by their children and grandchildren.**

**A. has B. have C. is D. are**

**9. At least three-quarters of that book on famous Americans --------- about people who lived in the nineteenth century.**

**A. are B. is C. has D. have**

**10. Dr. Adams is trained as a psychologist for children. She is a ------------psychologist.**

**A. children B. child C. children's D. child's**

**11. There isn't ------------- money in my bank account.**

**A. many B. several C. a couple of D. lots of**

**12. Many small organisms such as worms, bacteria and -------- live in soil.**

**A. fungus B. funguses C. fungis D. Fungi**

**13. The plane was late. We had a ------ wait. We had to wait for two hours.**

**A. two-hour B. two-hours C. two hour D. two hours**

**14. Fifty minutes ---------- the maximum length of time allowed for the exam.**

**A. is B. are C. has D. have**

**15. ------------ are the smallest living thing.**

**A. Bacterium B. Bacteriums C. bacteria D. bacterias**

**16. The North side of the island has two steep -------------.**

**A. cliff B. cliffes C. cliffs D. clives**

**17. I don't have a great deal of ---------------.**

**A. patience B. patients C. facts D. prizes**

**18. The music building at the university has 27 --------. Students need to sign up for practice times.**

**A. piano B. pianos C. pianoes D. pianoos**

**19. Natasha likes sweet tea. She usually adds ----------- honey to her tea.**

**A. a few B. few C. a little D. little**

**20. With the special tourist train ticket, you can travel on ------ train you like.**

**A. anyone B. some C. something D. any**

**21. All flights --------------- because of fog.**

**A. are cancelled B. are cancelling C. cancelled D. were cancelling**

**22. There was a fight at the party but nobody --------------- hurt.**

**A. is B. got C. get D. has**

**23. Rabies ---------------an infectious and often fatal disease.**

**A. has B. have C. is D. are**

**24. Diana's previous employer gave her a good recommendation because she makes --------- mistakes in her work.**

**A. a little B. little C. a few D. few**

**25. Sally was upset about her exam results and refused to talk to ---------.**

**A. anybody B. someone C. somebody D. anything**

**26. Can I have ------------- milk in my coffee, please?**

**A. any B. some C. something D. anything**

**27. A lot of clothing in those stores ------------- on sale this week.**

**A. do B. does C. is D. are**

**28. I didn't realize that our conversation ---------------.**

**A. was recording B. had recorded C. recorded D. was being recorded**

**29. Alex, as well as his two older brothers, ------------- a good full-time job.**

**A. is B. are C. have D. has**

**30. In the verb "Loaded", the final –ed is pronounced ----------.**

**A. /t/ B. /d/ C. /id/ D. /dʒ/**

**31. In the verb "Enjoyed ", the final –ed is pronounced ----------.**

**A. /t/ B. /d/ C. /id/ D. /dʒ/**

**32. In the verb "Coughed ", the final –ed is pronounced ----------.**

**A. /t/ B. /d/ C. /id/ D. /dʒ/**

**33. In the word "Trips ", the final –s is pronounced ----------.**

**A. /s/ B. /z/ C. /iz/ D. /ʒ/**

**34. In the verb "Grabs ", the final –s is pronounced ----------.**

**A. /s/ B. /z/ C. /iz/ D. /ʒ/**

**35. In the word "Pages", the final –s is pronounced ----------.**

**A. /s/ B. /z/ C. /iz/ D. /ʒ/**

**36. After timber is tested for strengths and weaknesses, it is --------------.**

**A. planed B. sent to a sawmill C. cut to the required section D. given a stress grade**

**37. ------------ is always made from multiple pieces or particles of wood.**

**A. Engineering wood B. Softwood C. Solid wood D. Hardwood**

**38. Wood cut with a circular saw is called ----------- timber.**

**A. stress-graded B. rough-sawn C. smooth finish D. planed**

**39. ------------ specifically describes single pieces of timber, not multiple pieces that have been bonded together.**

**A. Engineering wood B. Softwood C. Solid wood D. Hardwood**

**40. Sand used in concrete is referred to as --------------.**

**A. plasticizer B. retarder C. coarse aggregate D. fine aggregate**

**41. ------------- makes drier concrete easier to work with.**

**A. plasticizer B. retarder C. coarse aggregate D. fine aggregate**

**42. ------------ allows concrete to stay wet for longer.**

**A. plasticizer B. retarder C. coarse aggregate D. fine aggregate**

**43. Gravel used in concrete is referred to as --------------.**

**A. plasticizer B. retarder C. coarse aggregate D. fine aggregate**

**44. ------------- are very elastic polymers which can be stretched by force to at least twice their original length.**

**A. Epoxy resins B. polyimides C. Thermosets D. Elastomers**

**45.** **Several sheets of glass are sandwiched with a high-strength polymer to form -------- glass.**

**A. laminated B. annealed C. tempered D. toughened**

**46. Thermosets set permanently. This means they -----------.**

**A. mould B. cure C. melt D. undergo a chemical reaction**

**47.** **In electroplating, there should be sufficient ----------- in the bath to completely cover the component.**

**A. anode B. cathode C. electrolyte D. electric current**

**48. The surface of weathering steel is allowed to -----------.**

**A. rusty B. corrosion C. oxidized D. go rusty**

**Match the words in the first column with the correct description in the second column:**

|  |  |
| --- | --- |
| **49. Mix design****50. 28-day-strength****51. Titanium****52. Zinc** | **A. can be mixed with copper to make brass.****B. has a high strength-to-weight ratio.****C. is the specification of concrete ingredients.****D. refers to effective structural capability of concrete.** |

**Complete the following text using the words in the box bellow:**

|  |
| --- |
| **A. cast B. in-situ C. structural D. framework** |

**Post-tensioning is more suitable for large elements, especially long beams, which cannot be transported, and therefore need to be poured ---- (53) -----. Before the concrete is poured, ducts are placed inside the ---- (54) ----along the length of the beam. These ducts contain steel cables. After the concrete has been ----- (55) ---- and has gained sufficient ------ (56) ------ strength, the cables are put in tension, using jacks at either end of the beam.**

**Decide whether the following statements are true or false:**

**57. Low alloy steels contain more chromium than iron. A. True B. False**

**58. High-speed steel is suitable for making cutting tools that get very hot. A. True B. False**

**59. Industrial diamond is an abrasive, metallic mineral. A. True B. False**

**60. In order to become ceramics, materials must be vitrified. A. True B. False**

**Good Luck**

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**Final Exam- Model Answer**



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**Year: 2017-2018**

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**Choose the correct answer:**

**1. D. will have cleaned**

**2. C. is always messing**

**3. B. is being**

**4. A. has**

**5. A. don't understand**

**6. B. are**

**7. C. is**

**8. D. are**

**9. B. is**

**10. B. child**

**11. D. lots of**

**12. D. Fungi**

**13. A. two-hour**

**14. A. is**

**15. C. bacteria**

**16. C. cliffs**

**17. A. patience**

**18. B. pianos**

**19. C. a little**

**20. D. any**

**21. A. are cancelled**

**22. B. got**

**23. C. is**

**24. D. few**

**25. A. anybody**

**26. B. some**

**27. C. is**

**28. D. was being recorded**

**29. D. has**

**30. C. /id/**

**31. B. /d/**

**32. A. /t/**

**33. A. /s/**

**34. B. /z/**

**35. C. /iz/**

**36. D. given a stress grade**

**37. A. Engineering wood**

**38. B. rough-sawn**

**39. C. Solid wood**

**40. D. fine aggregate**

**41. A. plasticizer**

**42. B. retarder**

**43. C. coarse aggregate**

**44. D. Elastomers**

**45.** **A. laminated**

**46. B. cure**

**47.** **C. electrolyte**

**48. D. go rusty**

**Match the words in the first column with the correct description in the second column:**

**49. C**

**50. D**

**51. B**

**52. A**

**Complete the following text using the words in the box bellow:**

**53. B. in-situ**

**54. D. framework**

**55. A. cast**

**56. C. structural**

**Decide whether the following statements are true or false:**

**57. B. False**

**58. A. True**

**59. B. False**

**60. B. False**