**Test 8 Reading Section**

1. A

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**Explanatory Answer**  
  
In this passage, *constant* is a synonym for “steady.” Context comes from the reference to “a drain of gold and silver coins” in the same sentence.

2. B

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**Explanatory Answer**  
  
“Although both empires built roads chiefly for military purposes, the roads also came to be used to facilitate trade.” Choice A is not correct because the roads were used to facilitate trade after they were built for military purposes. Choice C is not correct because the two empires enjoyed commercial contact and mutual curiosity without intercultural understanding. Choice D may be logical, but it is not mentioned in the passage.

3. B

**Explanatory Answer**  
  
*Sea routes were preferred* paraphrases “most goods traveled by boat” and *superior roads built by the Romans* paraphrases “Roman roads were excellent.” …*in spite of* and *Although* provide the same grammatical relationship between the two phrases.

4.C

Top of Form

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**Explanatory Answer**  
  
“Although still primarily an agrarian economy, the Roman Empire provided…for an expansion of trade….” Choice A is not correct because “some industries became concentrated in certain areas…such as Capua and…Arretium.” Choice B is not correct because artisans were freedmen or slaves. Choice D is not correct because workers on large estates paid rent, but they did not own the land.

5.

**Explanatory Answer**  
  
Contrast is a transitional device that connects the insert sentence with the previous or following sentence. "Some" signals that contrasting information about "industries" may follow. The phrase "Other industries" introduces the contrast.

6. D

Top of Form

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**Explanatory Answer**  
  
In this passage, *continued to exist* is a synonym for “persisted.” Context comes from the contrast with the *latifundia*, which still “dominated agriculture.”

7. C

Top of Form

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**Explanatory Answer**  
  
“…agricultural producers who never found it easy to produce much more than enough for themselves [the agricultural producers].”

8. C

Top of Form

Bottom of Form

**Explanatory Answer**  
  
In this passage, *very large* is a synonym for “extensive.” Context comes from the reference to an “expansion of trade” in the previous sentence.

9. D

Top of Form

Bottom of Form

Top of Form

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**Explanatory Answer**  
  
Choice A is mentioned in paragraph 2, sentence 4. Choice B is mentioned in paragraph 7, sentence 5. Choice C is mentioned in paragraph 2, sentence 5.

10.

**Explanatory Answer**  
  
**B, C, E** summarize the passage. Choices A, D, and F are true, but they are minor points and details.

11. C

**Explanatory Answer**  
  
“It is easy to understand the pervasive nature of selfishness if natural selection shapes behavior…Behavior that maximizes an individual’s survival and reproductive success is favored by selection, regardless of how much damage such behavior does to another individual.” Choice A is not correct because the number of species engaging in antagonistic behavior is not mentioned. Choice B is not correct because conformity to the group is not mentioned as selfish behavior. Choice D is not correct because competition would be an example of selfish behavior.

12.

**Explanatory Answer**  
  
Example is a device that is used after a general statement to clarify it. “It is easy to understand the pervasive nature of selfishness if natural selection shapes behavior” is a general statement. Choice B inserts the example after the general statement.

13. D

Top of Form

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**Explanatory Answer**  
  
In this passage, *almost* is a synonym for “nearly.”

14. B

Top of Form

Bottom of Form

**Explanatory Answer**  
  
In this passage, *supported* is a synonym for “maintained.”

15. A

Top of Form

Bottom of Form

**Explanatory Answer**  
  
“…the act of parents sacrificing for their offspring. When parents sacrifice their own well-being to produce and aid offspring, this [sacrificing] actually increases the fitness of the parents because it maximizes their genetic representation….”

16. A

**Explanatory Answer**  
  
“…Hamilton’s idea of *inclusive fitness*, the total effect an individual has on proliferating its genes by producing its own offspring and by providing aid that enables other close relatives, who share many of those genes, to produce offspring.” Choice C is not correct because although colonies with a queen and workers are a population of close relatives, the aid is not mutual. Choices B and D may be logical, but they are not mentioned in the passage.

17. A

**Explanatory Answer**  
  
“…female Belding’s ground squirrels settle close to their site of birth, whereas males settle at distant sites.” Choice B is not correct because it refers to worker bees, not to ground squirrels. Choice C is not correct because both parents sacrifice for their offspring. Choice D refers to bees, but it is not the reason that female ground squirrels sound the alarm calls.

18. A

**Explanatory Answer**  
  
“In the case of naked mole rats, DNA analyses have shown that all the individuals in a colony are closely related….the altruist increases the chance that some genes identical to its own will be passed to the next generation.” Choices B, C, and D may be logical, but they are not mentioned in the passage.

19. C

Top of Form

Bottom of Form

**Explanatory Answer**  
  
Choice A is mentioned in paragraph 2, sentence 3. Choice B is mentioned in paragraph 3, sentence 3. Choice D is mentioned in paragraph 4, sentence 5.

20.

**Explanatory Answer**  
  
**B, C, E** summarize the passage. Choice A is true, but it is a minor point that supports the major point in Choice E. Choices D and F are not mentioned in the passage.

21. D

**Explanatory Answer**  
  
“A *passive solar system* captures heat energy and stores it in a ‘thermal mass,’ such as water-filled tanks, adobe, tile, or concrete.” Choices A, B, and C refer to active solar systems.

22. B

Top of Form

Bottom of Form

**Explanatory Answer**  
  
In this passage, *possible* is a synonym for “feasible.” Context comes from the reference to “effective” systems in the second part of the sentence.

23.C

Top of Form

Bottom of Form

**Explanatory Answer**  
  
In this passage, *cause* is a synonym for “generate.” Context comes from the reference to “produces” earlier in the sentence.

24. B

**Explanatory Answer**  
  
“Familiar to all of us are the solar cells in pocket calculators….” Choice A is not correct because no comparison is made. Choice C is not correct because the author does not make an argument that the Sun is underutilized in reference to pocket calculators, although the argument is made elsewhere in the passage. Choice D is not correct because the only reference to history is the specific date of the PVs technology, not several dates that summarize the general history of solar power.

25. B

**Explanatory Answer**  
  
“A typical residential array features 36 panels….People that live in a home with this type of installation [a residential array] would be able to run their electric meters in reverse and supply electricity to the power grid.” The phrase “this type of installation” does not refer to Choices A, C, or D.

26. A

**Explanatory Answer**  
  
“Using solar cookers, villagers are able to cook meals and sanitize their drinking water without scavenging for wood.” Choice B is not correct because these solar devices are simple, yet efficient. In Choice C, electrical power, not solar cookers, are installed on rooftops. Choice D is not correct because these solar devices are simple and training is not mentioned.

27.

**Explanatory Answer**  
  
Result is the transitional device that connects the insert sentence with the previous sentence. In addition, the reference to “wood” also connects the two sentences. Choices A, C, and D are not correct because they do not provide the information that introduces the result in the insert sentence.

28. B

Top of Form

Bottom of Form

**Explanatory Answer**  
  
*Politics is more influential* paraphrases “political control” and *new technologies* paraphrases “technological innovation.”

29.B

Top of Form

Bottom of Form

**Explanatory Answer**  
  
“The efficiency of these cells has improved to the level that they are generally cost-competitive, especially if government policies and subsidies were to be balanced evenly among all energy sources.” The grammatical structure implies that government policies do NOT support the cells. Choice A is not correct because power is currently generated for hundreds of thousands of homes and solar panel cookers also use this technology. Choice C is not correct because people who use this type of installation [PV cell technology] would be able to run their electric meters in reverse and supply electricity to the power grid. Choice D is not correct because of the option to supply electricity to the power grid.

30.

**Explanatory Answer**  
  
**A, C, E**

summarize the passage. Choice B is true, but it is a minor point that is mentioned as an argument for using solar power in developing nations. Choice D is not mentioned in the passage. According to the passage, solar power is a “wise choice” for the future, but it is not as certain as implied in Choice F.

31. B

Top of Form

Bottom of Form

**Explanatory Answer**  
  
In this passage, *widely* is a synonym for “extensively.” Context comes from the reference to “common” compared with “even more” in the sentence.

32**.** A

Top of Form

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**Explanatory Answer**  
  
*Women usually had fewer tattoos than men* paraphrases “In general, men had more tattoos than did women” and *they [tattoos] were not applied on the same parts of the body* paraphrases “and the location of tattoos on the body differed.”

33.

**Explanatory Answer**

Reference is a rhetorical device that connects the insert sentence with the previous sentence. The deceased refers to a significant event [funeral] that would cause grief.

34. D

**Explanatory Answer**  
  
“In New Zealand…a serrated chisel created a groove in the skin to receive pigment, thereby producing a colored line.” Choice A is not correct because it does not refer to New Zealand. Choice B is not correct because a woodcarver does not create the tattoos, although the process is similar to woodcarving. Choice C is not correct because the lines are colored, not black, in New Zealand.

35. C

Top of Form

Bottom of Form

**Explanatory Answer**  
  
In this passage, *for the most part* is a synonym for “predominantly.”

36. A

**Explanatory Answer**  
  
“…Maori facial *moko* recall the patterns found on *poupou*, decorated wall panels in Maori meeting houses.” Choice B is not correct because the reference to meeting houses refers to tattoos. Choices C and D are not correct because the explanation of how the designs are deciphered and the commentary on the purposes of decorations do not include *poupou*.

37. D

**Explanatory Answer**  
  
Choice A is mentioned in paragraph 6, sentence 5. Choice B is mentioned in paragraph 6, sentence 4. Choice C is mentioned in paragraph 6, sentence 1. It is confirmed that the chief is a male because of the references to “his.”

38.B

**Explanatory Answer**  
  
“In Polynesia, nobles and warriors accumulated tattoo patterns to enhance their status and beauty.” Choices A, C, and D are not mentioned and may not be concluded from information in the passage.

39.D

**Explanatory Answer**  
  
“…revived tattooing as an expression of cultural pride.” Choice A is not correct because missionaries exerted pressure to stop tattooing. Choice B is not correct because some people have revived tattooing. Choice C may be logical, but it is not mentioned and may not be concluded from information in the passage.

40. **Explanatory Answer**  
  
**A, D, E**

summarize the passage. Choices B and F are true, but they are examples and details that support major points. Choice C is not mentioned in the passage.