NORTH FINCHLEY TUTORS

EXAM SPECIALISTS

YEAR 5
WEEK 19

TEACHER ANSWERS

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Question	Answer
1(a)	**Give <u>two</u> examples of extinct species (other than the mammoth) according to the text.** Award 1 mark for both responses. • passenger pigeon • dodo
1(b)(i)	**<u>Using your own words</u>, explain what the text means by:** **'candidates for "de-extinction"' (line 2)** Award 2 marks for full explanation (both strands). Award 1 mark for partial explanation. Credit alternatives explaining whole phrase. • possible choices / (extinct) species they might choose / animals being considered • bringing back (a species that has died out)
1(b)(ii)	**<u>Using your own words</u>, explain what the text means by:** **'not just distant dreams.' (line 5)** Award 2 marks for full explanation (both strands). Award 1 mark for partial explanation. Credit alternatives explaining whole phrase. • (de-extinction for scientists) is more than a hope / not just an ambition / not a fantasy; (de-extinction) is a realistic possibility / could work • (likely to be) not far off / imminent / in the near future / projects are already underway
1(c)	**Re-read paragraph 3, ('Scientists working on such projects … climate change.').** **Give <u>two</u> reasons why scientists might be excited by the possible birth of a woolly mammoth.** • woolly mammoths disappeared some 4000 years ago / mammoths have been extinct for 4000 years. (1) • they hope mammoths will play a key role in slowing or reversing the effects of climate change. (1)
1(d)(i)	**Re-read paragraphs 4 and 5, ('The basic idea … Siberia's permafrost.').** **Identify <u>two</u> main tasks that scientists will need to complete in order to breed the hybrid.** • retrieve DNA from (frozen remains of a woolly) mammoth (1) • (use that mammoth DNA to) alter the DNA of a (modern) Asian elephant (1)
1(d)(ii)	**Re-read paragraphs 4 and 5, ('The basic idea … Siberia's permafrost.').** **Explain why Asian elephants were chosen for Project Mammoth.** • closely related to mammoths / DNA very similar • potential to breed with mammoths • (Asian elephants are) under threat of extinction from humans • project could improve chances of survival

PRACTICE TYPE NINETEEN:

FORWARD
BAKE
INK
ELECTIONS
PAINTING
FENCING
CURTAINS
PALACE
MOTORWAY
GARAGE
TRACTOR
STEAM
YEAST
RIGHT
JUMPER
LATEST
LARCH
DODGEMS
DENTIST
LAWNMOWER

TEST PAPER 7:

1. partial
2. destitute
3. ally
4. drought
5. scarcity
6. dismiss
7. hand
8. normal T12/1
9. WSDSXBGPSX
10. YPOGDPWG
11. GDNXY
12. YNWPOPSX
13. DISTRICT
14. SCANNER
15. COTTON
16. TRAIN T34/4
17. 6.56 p.m. T30/3
18. site
19. fish
20. able
21. gone
22. onto
23. mean T5/1
24. EW
25. FT
26. IG
27. ON
28. PO
29. WP T16/2
30. SPONGE
31. THIRTEEN
32. CYGNET
33. BUNGALOW
34. SOAKED
35. PLAYGROUND T19/2
36. W
37. P
38. N
39. G
40. Y
41. E T21/2
42. Where boy tortoise
43. aeroplane landing runway
44. school boy cap head
45. choir song concert T18/2
46. cheetah lion
47. nest warren
48. beret sombrero
49. oak pine
50. snooker golf
51. shoulder hip
52. earth venus T10/1
53. peat
54. male
55. look
56. hats
57. gate
58. trap
59. site
60. leap T8/1
61. 3245
62. RATE
63. 35243
64. 6453
65. REPEAT T33/4
66. 14
67. 26
68. 16
69. 30
70. 22
71. 12 T28/3
72. SAY AGO TEN
73. MAP AGO NET
74. ADO GOD ONE
75. AND TOO EWE T9/1
76. u
77. N T15/2
78. 9 36
79. 96
80. 60 16
81. 48 6
82. 51 52
83. 33 58
84. 658 769 T26/3
85. A
86. B
87. D and E T30/3
88. 446
89. 9.30 a.m.
90. orange
91. pentagon
92. sergeant
93. house T13/1
94. 3
95. 3
96. 3
97. David James
98. James
99. Tom
100. 3 T29/3

Contractions Revision Answer Sheet

1. We're — We are
   Won't — Will not
   Dad's — Dad is or Dad has
   She's — She is or She has
2. Could've — Could have
   He's — He is or He has
   What's — What is or What has
   I'd — I would or I had
3. don't My brother's brothers favourite sport is rugby. I like music and chemistry but I dont like sport. I would like to visit another planet. I hope its it's possible in the future. If I can't cant then I am happy playing my guitar. Ive I've written two songs and hope to be famous one day.
4. (a) she had
   (b) he would
5. That is, that has
   You would, you had
6. You will only slip over
   I could not run that far
7. They've — They have
   She'd — She would or She had
   Shouldn't — Should not
   There's — There is, There has
8. Hadn't — Had not
   Aren't — Are not
   We'll — We will
   Haven't — Have not
9. We'd — We had
   I'm — I am
   She's — She is or She has
   She'll — She will
10. You are — You're
    He would — He'd
    I will — I'll
    It is — It's
11. She would — She'd
    We have — We've
    I would — I'd
    Had not — Hadn't
12. They would — They'd
    Where have — Where've
    Does not — Doesn't
    You would — You'd

Eng Paper **25** Simple MS

1. C
2. B
3. E
4. B
5. D
6. D
7. C
8. B
9. C
10. A
11. C
12. D
13. B
14. E
15. D
16. A
17. E
18. D
19. B
20. D
21. A
22. C
23. E
24. C
25. A
26. D
27. B
28. E
29. C
30. A

Week 19:

1. How many degrees are there in a triangle? (Use n-2) * 180 A 90°
   B 135°
   C 180°
   D 270°
   E 360°

2. How many degrees in a pentagon?
   A 180°
   B 270°
   C 360°
   D **540°**
   E 720°

3. How many degrees in a square?
   A 180°
   B 270°
   C **360°**
   D 540°
   E 720°

4. How many degrees in a heptagon?
   A 360°
   B 600°
   C 720°
   D **900°**
   E 1080°

5. How many degrees in a decagon?
   A **1440°**
   B 1880°
   C 1980°
   D 2160°
   E 2520°

6. What is each angle worth in a regular triangle?
   A 45°
   B **60°**
   C 72°
   D 90°
   E 108°

7. What is each angle worth in a square?
   A 45°
   B 60°
   C 72°
   D **90°**
   E 108°

8. What is each angle worth in a regular pentagon?
   A 60°
   B 72°
   C 90°
   D **108°**
   E 120°

9. What is each angle worth in a regular octagon?
   A 108°
   B 120°
   C **135°**
   D 150°
   E 160°

10. What is each angle worth in a regular dodecagon?
    A 108°
    B 120°
    C 135°
    D **150°**
    E 160°

11. A triangle has 60^{O} 45^{O} and x°. Find x.
    A 45°
    B 60°
    C **75°**
    D 90°
    E 105°

12. A quadrilateral has angles 73^{O}, 92^{O}, 103^{O} and x^{O}. Find x
    A **92^{O}**
    B 95^{O}
    C 103^{O}
    D 109^{O}
    E 122^{O}

13. What are the base angles of a right-angled isosceles triangle (the two angles which are the same)?A 30^{O}
    B **45^{O}**
    C 60^{O}
    D 90^{O}
    E 180^{O}

Test 19

Q1 **E** Each figure on the left is a crescent with diagonal shading and a black dot on each point. When rotated, the diagonal shading is always in the same direction (top right to bottom left).

Therefore, the answer is E.

Q2 **D** Each figure on the left consists of a square divided into equal sections, with exactly half the sections shaded.

Therefore, the answer is D.

Q3 **E** Each figure on the left consists of a right-angled triangle with a square at one point. The square has a diagonal line through it from top right to bottom left.

Therefore, the answer is E.

Q4 **A** Each figure on the left consists of parallel curved lines, with a dot each side, and two short parallel lines underneath.

Therefore, the answer is A.

Q5 **D** Each figure on the left consists of a fine line crossed by two other fine lines and a bold line. The bold line is always of medium length.

Therefore, the answer is D.

Q6 **A** Each figure on the left consists of an arrow with a right angle. There is a dashed line on the inside of the arrow with a dotted line running parallel to it on the outside.

Therefore, the answer is A.

Q7 **C** Each figure on the left consists of a curved line with two loops and a dot each side of the line.

Therefore, the answer is C.

Q8 **B** Each figure on the left consists of an irregular heptagon with solid vertical stripes.

Therefore, the answer is B.

Q9 **A** Each figure on the left has two dots at the highest point, with a black on top of a white dot.

Therefore, the answer is A.

Q10 **C** Each figure on the left consists of a five scalloped loop with two black dots inside.

Therefore, the answer is C.

Year 5 Week 19

1. A
2. B
3. E
4. D
5. B
6. A
7. C
8. D
9. D
10. D
11. D
12. E
13. C
14. B
15. B
16. A
17. B
18. E
19. C
20. E
21. D
22. Greater than
23. CED / DEC
24. 78°
25. 77°
26. 720°
27. 360°
28. X = 57° because alternate angles are equal. Y = 123° because angles on a straight line add up to 180°. Or any credible answer.
29. X = 119° because corresponding angles are equal. Y = 61° because angles on a straight line add up to 180°. Z = 119° because angles on a straight line add up to 180°. Or any credible answer.
30. X = 63° because corresponding angles are equal. Y = 117° because angles on a straight line add up to 180°. Z = 63° because angles on a straight line add up to 180°. Or any credible answer.
31. 50 - 75°
32. 135°
33. 3