

ANSWER KEY

COMPREHENSION (WRITTEN)**Q1** (a)

FROM TEXT	ANSWER
Neanderthals, the primates that went extinct more than twenty thousand years ago, had bigger brains than <i>Homo sapiens</i> , but they probably weren't smarter than the <i>Homo sapiens</i> that beat them in the survival game.	Even though Neanderthals had larger brains than <i>Homo sapiens</i> , they did not possess higher intelligence that would have prevented their extinction.

(b)

FROM TEXT	ANSWER
Surface folding and brain structure matter more than brain size.	Surface folding and brain structure play a more important role.

Q2

FROM TEXT	ANSWER
But we will probably never know for sure.	"Probably never know for sure"

Q3 (a)

FROM TEXT	ANSWER
It seems relatively uncontroversial that pets like dogs can be attached to their owners, and that the owners assume the role of caregiver,	It seems unquestionable/undeniable that dogs' owners are the caregivers.

TEACHING POINT

The word "uncontroversial" suggests that it is undeniable that the owners of dogs are seen as caregivers. Hence, Bob is surprised that dogs can be caregivers as well. This question requires students to explain, hence students have to clarify in their own words where needed.

(b)

FROM TEXT	ANSWER
University of London researchers found that dogs were more inclined to approach a crying person than someone who was talking or humming, and that they responded to crying with submissive behaviour.	(i) Dogs were more inclined to approach a crying person than someone who was talking or humming. (ii) Dogs responded to crying with submissive behaviour.

ANSWER KEY

COMPREHENSION (WRITTEN)

Q4

FROM TEXT	ANSWER
According to the researchers, this contrast indicates that the dogs' response to weeping wasn't simply the result of curiosity but was based on a primitive understanding of human distress.	"primitive" means ancient. "understanding" means comprehension/grasp/interpretation.

TEACHING POINT

Students can look for hints in the paragraph which suggest that a dog has the mechanism in his brain to understand human distress.

Q5

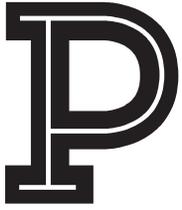
FROM TEXT	ANSWER
Berns trained his dogs to lie still in the tight compartment of the scanner, which made the brain imaging feasible.	The tight compartment helps to limit the dogs' movements (inference - 1m) as brain imaging can be done only when the dogs lie still. (clue from the text -1m)

TEACHING POINT

Students are required to **explain fully**, hence, it is necessary to draw an inference based on the clues from the text.

Q6

POINTS	FROM TEXT	ANSWER
1	But the bullying came to a complete hold when Tika developed cancer in her leg. Kobuk's behavior changed entirely. He let Tika sleep on the bed, while he rested on the floor. [lines 35-37]	providing care to the partner who has taken ill.
2	He groomed her face and neck [line 38]	Such attachment also involves cleaning the partner who is ill and
3	and would not leave her side. [line 38]	being always present.



ANSWER KEY

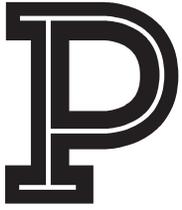
COMPREHENSION (WRITTEN)

Q6

POINTS	FROM TEXT	ANSWER
4	When she stumbled and fell Kobuk would try to help her. [line 40]	It also manifests itself in providing practical help like protecting the partner from physical harm.
5	He even saved Tika's life when she was going into shock during her recovery from the amputation. Kobuk was barking to wake up the owner , who rushed Tika to the hospital. [lines 40-42]	Animals can also be sensitive to the danger their partners face and in some cases, rescue the partner's life.
6	Animals also sometimes form attachment relationships with members of other non-human species. [lines 46-47]	Next, attachment can happen even among animals of other non-human species.
7	When Anthony and Riley were brought to "Keepers of the Wild" animal sanctuary, they were only about a month old. They immediately bonded. They enjoyed playing [lines 49-51]	They display attachment in having fun together and
8	and grooming each other. [line 51]	in helping to clean each other.
SUMMARY <p><i>Animals show attachment to animals of the same kind through providing care to the partner who has taken ill. Such attachment also involves cleaning the partner who is ill and being always physically present. It also manifests itself in providing help like protecting the partner from physical harm. Animals can also be sensitive to the dangers their partners face and in some cases, rescue the partner's life. Next, attachment can happen even among animals of other non-human species. They display attachment in having fun together and in cleaning each other.</i></p> <p>[80 words]</p>		

TEACHING POINT

Students should not use the specific examples in their summary. Instead, extract the ways in which attachment is displayed between animals through the examples given in paragraphs 3 and 4.



ANSWER KEY

COMPREHENSION (VISUAL)

Adapted from *Project Tomorrow*, <https://bmdp.org/project-tomorrow/>

Q1

The picture prompts people to donate their bone marrow by evoking a great sense of sympathy/loss/sadness for the victim and victim's family.

TEACHING POINT

For questions about the intended effect of the picture, students should include the emotion and action that the writer wishes to encourage.

Q2

The writer gets readers to imagine what it is like holding a child who might not live to enjoy life like other children of his age.

TEACHING POINT

Getting readers to picture themselves in the actual scenario helps them personalise the experience of grief and the fear of not being able to find a suitable donor.

Q3

(i) Only a simple cheek swab is needed to establish your HLA (Human Leukocyte Antigen) tissue type. [1]

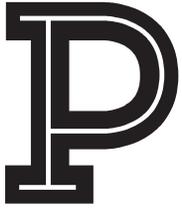
(ii) Donors feel no pain during the bone marrow harvest. [1]

TEACHING POINT

look for details that suggest bone marrow donation is convenient and painless. These factors will make bone marrow donation more appealing.

Q4

Be a bone marrow donor, choose to save a life.



ANSWER KEY

MAKEOVER

Ketchup's origins go all the way back to 17th-century China. Ketchup **starts** out as fish sauce, and it did not contain tomatoes. It has evolved since **then**, and its current popularity is undisputed. According to researchers, Vietnamese fishermen **introduce** fermented fish sauce to Chinese traders travelling from their base in Fujian. The Chinese called it ke-tchup ("tchup" means "sauce"). They brought the savoury sauce further into Southeast Asia, where **a** seafaring British took a fancy to it, fiddled with it, **but** eventually turned Americans on to it too. Anchovies, mushrooms, walnuts, and oysters **was** common base ingredients for ketchup until the early 1800s, when tomatoes started **show** up in recipes. In the mid-19th century, sugar was added to ketchup to **suits** the American palate. Today, ketchup definitely tastes sweeter **then** it did in the past.

1. started

2. then

3. ✓

4. introduced

5. ✓

6. the

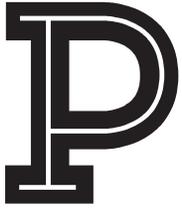
7. and

8. were

9. showing

10. suit

11. than



ANSWER KEY

TALK

P	It is extremely important for a nation's people to stand together. This is especially so for smaller nations.
E	For smaller nations, it is crucial for citizens to stand together for the nation to survive. If a small nation faces the problem of divided people, it would be very difficult for the country to progress.
E	Singapore is a prime example. The government constantly stresses the importance for Singaporeans to live in harmony and unity. During the racial riots in the 1960s, Singapore was at a standstill as the nation was divided along racial lines. Conversely, as Singaporeans became more accepting of one another and worked together towards the common goal of prosperity, the nation was able to progress into the first-class city it is today.
L	Hence, it is important for a nation's people to always stand together, but more so in the cases of smaller nations.