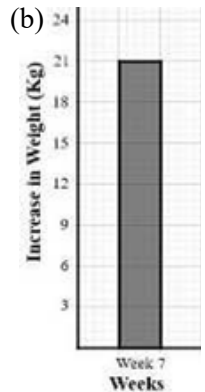
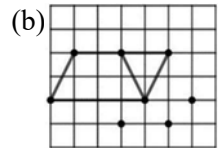
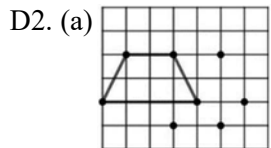
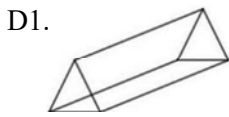


pennacool.com 2022-2023 SEA Practice Tests Answer Keys

MATHEMATICS

pennacool.com TEST 1

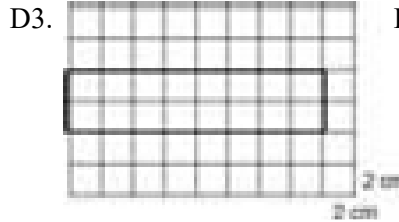
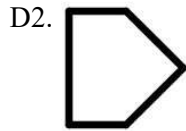
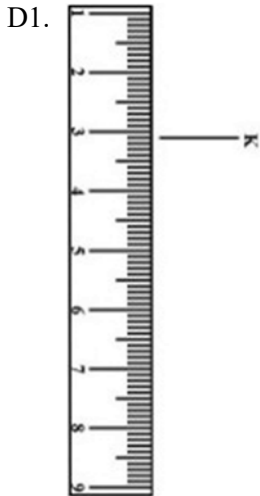
- | | | | | |
|-----------------------------------|--------------------------|-------------------------|------------------|--|
| 1. 90,000 | 2. 60.47 | 3. 36 | 4. 16 plums | 5. $2\frac{3}{5}$ pizzas |
| 6. 6.91 | 7. 0.04 | 8. 248 | 9. Sam | 10. 60 packets |
| 11. A | 12. Square based pyramid | 13. West | 14. 55 | 15. 7:48 |
| 16. Football and Badminton | 17. $\frac{1}{6}$ | 18. \$275.00 | 19. 1 | 20. IIII |
| 21. 45 | 22. 16 of each crate | 23. 212 people | 24. 21 triangles | 25. $22\frac{2}{5}\%$ |
| 26. A – 40
B – 3, 45
C – 40 | 27. \$1800.00 | 28. 15 pieces | 29. 50 | 30. \$210.00 |
| 31. 4.85 kg | 32. 176 marks | 33. 152 cm ² | 34. *D1 | 35. 90 cm, 45 cm
42 m 40 cm |
| 36. 160 fruits | 37. \$174.00 | 38. *D2 | 39. (a) 12 kg | 40. She will have enough flour and milk but not enough sugar. She needs 10 kg of sugar and she purchased 8 kg. |



pennacool.com TEST 2

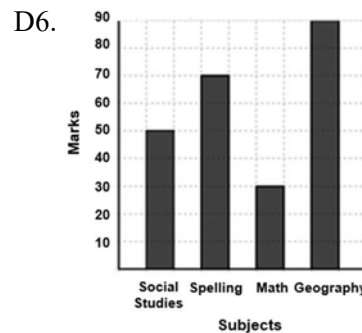
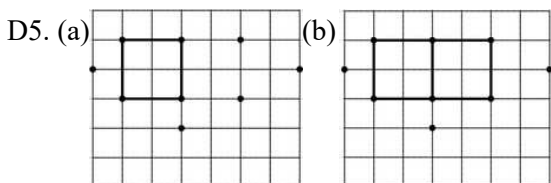
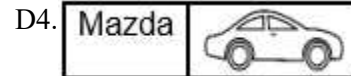
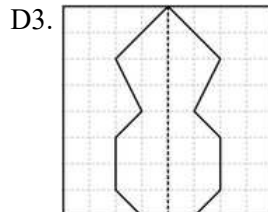
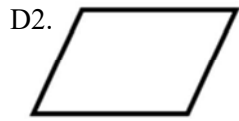
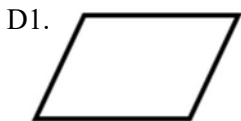
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|---|--|---|---|---------------------------------|
| 1. twenty-eight thousand and forty-nine | 2. 182 m | 3. $33\frac{1}{3}\%$ | 4. 10 boxes | 5. \$75.50 |
| 6. *D1 | 7. 1 hour 45 minutes | 8. 10 | 9. 60 bottles | 10. 0.0216, 0.612, 0.621, 6.012 |
| 11. 3 quarter turns | 12. C | 13. \$229.00 | 14. 8 cm ³ | 15. 8 |
| 16. 0.2 | 17. $\frac{7}{9}$ m | 18. \$11.25 | 19. 85 | 20. 20 people |
| 21. *D2 | 22. A - Does not have two identical ends and flat sides. | 23. 9 cups of flour and $5\frac{1}{4}$ cups of sugar. | 24. 766 shells | 25. \$63.00 |
| 26. 241 trees | 27. \$210.00 | 28. C, A, B | 29. Store B offers a better deal because the price per kg of flour is less at Store B than Store A. | 30. 14 Maxi Taxis |

31. 80 g 32. Savi - lesser quantity of mangoes per box. 33. 4 34. 60 and 20 35. 6
36. A – 3
B – isosceles
C – scalene
37. 22 customers 38. (a) *D3
(b) 2 pairs of equal sides and 4 right angles. 39. (a) 9 mm²
(b) *D4 40. Day 4: 5.1 cm
Day 5: 3.8 cm



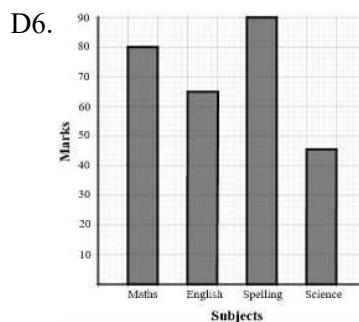
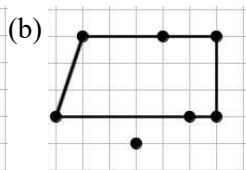
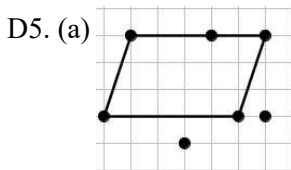
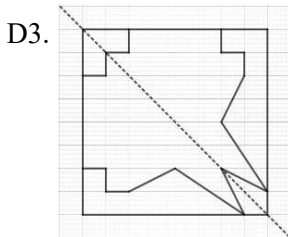
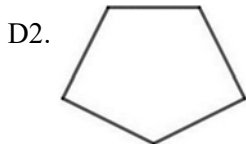
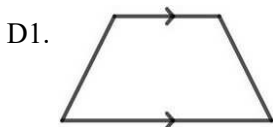
pennacool.com TEST 3

1. 722,587 2. $\frac{1}{4}, \frac{1}{3}, \frac{5}{8}, \frac{11}{12}$ 3. 37.5 % 4. 55 5. 8742
6. 9 bills 7. 56 8. 2688 9. $\frac{3}{4}$ 10. $\square 30$
11. 4 L 12. 7:00 am 13. b, c, a 14. 9 m 15. 15
16. cube 17. *D1 18. 76 19. 20 20. 14
21. 35 crayons 22. \$150.00 23. \$66.00 24. \$150.00 25. 20 short pants
20 handkerchiefs
26. A - 1 curved side and 2 identical circular faces. 27. 2, 3 – 68 runs
4 – 64 runs
Total – 260 runs 28. Orange Juice – 5
Muffin – 3
Apple – 4 29. 12 weeks 30. *D2
31. \$4575.00 32. 12 m 33. *D3 34. 80% 35. *D4
36. Soft drinks - Not the favourite so it is least in demand. 37. \$2550.00 38. 48 tomatoes 39. *D5 40. *D6



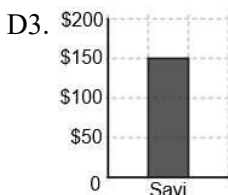
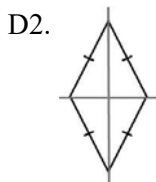
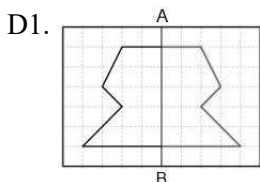
pennacool.com TEST 4

1. 406,209 2. $\frac{5}{6}, \frac{2}{3}, \frac{7}{12}, \frac{1}{2}$ 3. 65% 4. 152 5. 4695
6. 9 bills 7. 27 8. 123 9. $\frac{5}{8}$ 10. $\square 32$
11. 3 L 12. 9:05 am 13. b, a, c 14. 11 m 15. 10
16. Triangular based pyramid 17. *D1 18. 82 19. 16 20. 4
21. 64 buttons 22. \$720.00 23. \$28.80 24. \$384.00 25. 16 shirts
16 bandanas
26. A - Base is the same shape and parallel. 27. English – 75
Spelling – 83
Total - 234 28. 144 cm² 29. Soda – 2
Cupcake – 3
Cookie – 1 30. 8 weeks
31. *D2 32. 11 m 33. *D3 34. 80% 35. *D4
36. Cupcakes - The favourite snack so it is most in demand. 37. \$1944.00 38. 192 mangoes 39. *D5 40. *D6



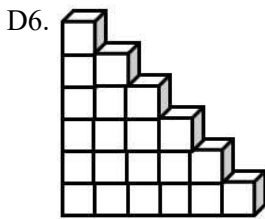
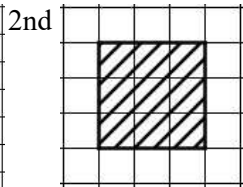
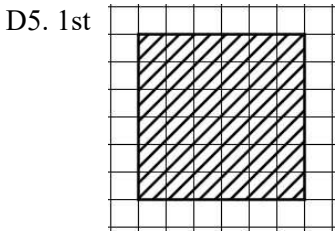
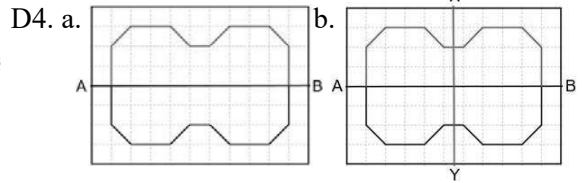
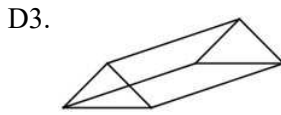
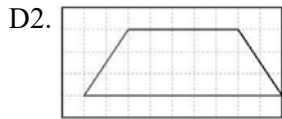
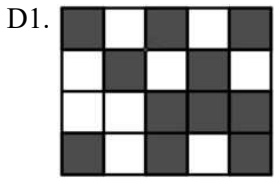
pennacool.com TEST 5

1. 1.28 2. tenths 3. \$50.00 4. 0.667 5. 72 minutes
6. 18 7. \$20, \$1, \$1 8. \$14.40 9. 150 m 10. 48 cm³
11. 7 12. 16 bags 13. 8 am 14. 6.9 cm 15. Acute angle
16. Square-based pyramid 17. *D1 18. 27 students 19. 92 20. Size 10
21. 6 days 22. 54 sweets 23. \$369.00 24. 0.55, 55%, $\frac{1}{3}$ 25. \$151.00
26. No, smaller denominator, larger fraction. 27. 6 packets 28. A and D - They have a uniform cross-section. 29. Rhombus (*D2) 30. 39 cm²
31. 3.2 m 32. 18 trays 33. 50 boys 34. 7 sets 35. 87 marks
36. *D3. 37. 240 mangoes 38. a. 24 roses
b. \$300.00 39. Square – 4
parallelogram – 0
trapezium – 1
equilateral triangle 40. a. 1100 litres
b. The most water was used on Friday because it is laundry day.



pennacool.com TEST 6

- | | | | | |
|-----------------------------|---|---|---|---|
| 1. 6049.8 | 2. 6566 | 3. 28 | 4. 42 | 5. \$535.00 |
| 6. 40% | 7. 7.08 | 8. 16 | 9. 36 cm | 10. 280 minutes |
| 11. 3 quarter turns | 12. 0.8 | 13. 11 am | 14. 19 and 47 | 15. 13 |
| 16. 9 | 17. *D1 | 18. 10.2 m | 19. Triangular prism | 20. Tuesday |
| 21. 0.167 | 22. A – trapezium
B - parallelogram | 23. No, It should be a rhombus not a square. | 24. $10\frac{1}{2}$ | 25. 4 quarter turns |
| 26. Mira spent \$6.00 less. | 27. $a^\circ > b^\circ$ but $< c^\circ$. | 28. 8 pieces | 29. 3 quarter turns | 30. a. *D2
b. trapezium |
| 31. 2 m 90 cm | 32. 70 runs | 33. 44 | 34. *D3
They have a uniform cross-section. | 35. *D4 |
| 36. *D5 | 37. a. 189 masks
b. 20 days | 38. a. A to B – 2 qt.
B to C – 1 qt.
C to D – 3 qt.
b. 3 quarter turns | 39. a. *D6
b. 11 levels | 40. Her Thursday's sales is incorrect. She sold 25 magazines on Thursday. If she had sold 65 on Thursday, her mean sales would have been 50 not 40. |



LANGUAGE ARTS ANSWER SHEET

pennacool.com TEST 1

1. herbevorous- herbivorous
 2. Their- There
 3. invetebrate- invertebrate
 4. mamals- mammals
 5. teritorial- territorial
 6. seeson- season
 7. S - S.
 8. august- August
 9. fathers- father's
 10. Mr. Biswas.- Mr. Biswas.'
 11. college- College
 12. author- author,
 13. damages- damage
 14. relative- relatively
 15. destroys- destroy
 16. coast- coastal
 17. with- from
 18. more safe- safer
19. It is greenish brown in colour, has long legs with spines, long neck and a triangular head.
20. It got its name because it has long legs which when stretched appear as if it is praying.
21. It can camouflage easily because its greenish brown colour and unusual shape enables it to hide from predators.
22. People like watching the mantis because it is entertaining.
23. Deposits means lays.
24. One advantage of having the praying mantis in the garden is that it eats the pests which destroy crops whereas one disadvantage is that it also eats the helpful insects.
25. I think the mantis emerges from the ootheca when the winter is over because whilst it is in the case it is protected from the harsh winter conditions. If it comes out during the winter it may not survive the weather conditions.
26. The bird wants to fly away.
27. The bird wants to build its own nest.
28. (i) The owner treats the bird well by providing all the necessities.
(ii) "I have all I need - Seed and water, air and light."
29. The bird is sad whereas the children are happy.
30. Peck the wires of the cage, cry in anguish and beat its head with its wings.
31. The children smile with each other because they enjoy the bird's singing.
32. The literary device used is personification.
33. Vehicles parked without authorization will be towed.
34. Customers must get their coupon stamped by the store to verify that they were customers of the store.
35. Free parking is offered to attract customers to the store.
36. No, Randal's Car Park will not be held responsible because the disclaimer stated that you park at your own risk.

pennacool.com TEST 2

1. devise- device
 2. seqences- sequences
 3. concieved- conceived
 4. mashines- machines
 5. dout- doubt
 6. sofisticated- sophisticated
 7. caribbean- Caribbean
 8. following- following:
 9. designer- designer,
 10. large scale- large-scale
 11. internationally- internationally.
 12. Minshalls- Minshall's
 13. reflect- reflects
 14. island- islands
 15. with- from
 16. shape- shaped
 17. their- its
 18. historic- historically
19. Whales are called mammals because they are warm-blooded, they breathe air, give birth to live babies and their babies drink their mother's milk.
20. Migrate means to travel or move to another sea.
21. Whales migrate to find another feeding ground and to mate and have their young.
22. Sperm whales are toothed whales because they have teeth whereas Baleen whales have no teeth.
23. Whales are social creatures because they travel in groups called pods.
24. The Baleen whale swims with its mouth open to catch its prey. Inside the mouth are blades of whalebone which acts as sieves. Once it traps its prey, it closes its mouth and the food is filtered. The whale then uses its tongue to scrape the food off the blades.
25. I think the Beluga whales are called canaries because the sounds made by them are similar to those made by canaries which are birds.
26. The houses are in a dilapidated state. The doors are hanging on their hinges, the wood is worn out and the house has been patched up several times.
27. Rickety suggests that the house is shaky.
28. The line from the poem which demonstrates the wind's destruction of the houses is - From the wind's murderous claws.

29. The expression "a tether of hope" suggests that the inhabitants were holding on to little hope that their homes would be able to withstand the storm.
30. I think the poet described the rain as "elephant-hoofed rain" because the rain was falling extremely heavily.
31. The inhabitants of the houses lost everything in the storm. The line to support my answer is - From the wind's murderous claws,
32. The mood of the poem is one of sadness.
33. TRINRI DEVELOPMENT CREDIT UNION is responsible for the advertisement.
34. The purpose of the advertisement is to inform the members of the TRINRI DEVELOPMENT CREDIT UNION of their Annual General Meeting.
35. I think the agenda was included in the advertisement to inform members of the matters to be discussed at the meeting.
36. (a) The privilege granted at this meeting is Free Entry to all members.
 (b) Two forms of identification a member may present at the meeting are - Passport of Trinidad and Tobago identification card.

pennacool.com TEST 3

- | | | |
|-------------------------------|----------------------------------|----------------------------|
| 1. disease- disease | 7. Coronavirus- Coronavirus? | 13. has- have |
| 2. sindrome- syndrome | 8. organization- Organisation | 14. temporary- temporarily |
| 3. coffing- coughing | 9. implemented- implemented: | 15. closing- closure |
| 4. contamenated- contaminated | 10. alcohol based- alcohol-based | 16. its- their |
| 5. inficted- infected | 11. rub- rub, | 17. with- to |
| 6. transmision- transmission | 12. self-isolate- self-isolate! | 18. but- because |
19. Coronavirus disease is an infectious respiratory disease caused by a newly discovered coronavirus which emerged from an animal source but is now spreading from person to person.
20. (i) Wash hands frequently for atleast twenty seconds.
 (ii) Use hand sanitizers with a high alcohol content.
21. I think a hand sanitizer with a high alcohol content is recommended because the alcohol in high concentrations will kill the virus and prevent transmission.
22. Transmission means spread.
23. (i) Covid 19 has an incubation period of 1-14 days whereas the incubation for the common cold is 1-3 days.
 (ii) Symptoms of Covid 19 are fever and coughing whereas the symptoms of the common cold are runny and stuffy nose.
24. Respiratory etiquette refers to proper hygienic practices when coughing, eg. coughing into a flexed elbow or into a tissue.
25. Two other measures that can be implemented to prevent the spread of Covid 19 are to self-isolate and sanitize all surfaces frequently.
26. The shadow goes in and out (everywhere) with the poet.
27. The poet thinks the shadow is useless. The line to support my answer is: And what can be the use of him is more than I can see.
28. One simile from the poem is - For he sometimes shoots up taller like an Indian rubber ball. The shadow growth is compared to an Indian rubber ball because the Indian rubber ball bounces very high.
29. The poet's shadow is sometimes tall while at other times it is very small.
30. A word from the poem that means the same as idea is notion.
31. I think the poet refers to his babysitter.
32. The literary device is Personification. The poet has given human qualities to his shadow by saying the shadow does not know how to play like normal children.
33. Infectious Disease Centre is responsible for this advertisement. It was posted to increase awareness about how the Coronavirus is spread and the measures that should be implemented to prevent the spread.
34. Coughing, sneezing and touching hands to face after touching a contaminated surface.
35. I think shoes should be left outside to avoid or prevent the virus from entering the house because the wearer may have stepped on the virus during his time outside and can transport it to the inside of the house.
36. (i) To attract the readers' attention.
 (ii) To help illiterate persons understand the information on the poster.

pennacool.com TEST 4

1. enviromental- environmental
2. expereinces- experiences
3. polution- pollution
4. ilegal- illegal
5. deforrestation- deforestation
6. plage- plague
19. Recycling, landfilling and composting.
20. Composting is a process by which organic matter is piled up and allowed to decompose.
21. One disadvantage of disposing waste in a landfill is that the toxic waste from the garbage may leak through the plastic liners and pollute the water supply.
22. Incinerate means burn.
23. It is difficult to engage in larger scale composting because it is extremely difficult to separate the plastic and other inorganic matter from the organic matter once it has all been mixed together.
24. (i) Educate students about the advantages of recycling.
(ii) Place recycling bins around the school.
25. Recycling is the best because waste materials are used to make other items, thereby reducing pollution and saving raw materials.
26. The poet last flew a kite when he was a child.
27. The word which describes the sound made by the kite is whining.
28. The kite made a sound similar to that of a hound as it flew in the sky.
29. (i) I think the kite's string burst and the kite flew away.
(ii) The breaking loose with a snap, Disappearing, entangled in some treetop.
30. I think the kites were equipped with glass and razor blades because each participant wanted to win the duel and the glass and razor could be used to cut the string of the opponent's kite.
31. The kite is described as s fugitive because like a fugitive, who is a person running from the law, after the kite was cut, it flew away and was not to be found.
32. (i) I think the poet won the duel.
(ii) I've come a long way, To capture again, unexpectedly.
33. 2,000 more tourists visited in February than in June.
34. One possible reason for the high number of tourists in February is Carnival.
35. I think hotels can offer cheaper rates to visitors to increase the number of tourists from March to May.
36. (i) Provides jobs to locals.
(ii) A valuable foreign exchange earner.

pennacool.com TEST 5

1. Torism- Tourism
 2. restricions- restrictions
 3. destenations- destinations
 4. crewses- cruises
 5. temporary- temporary
 6. gidelines- guidelines
 19. Amnesia is a form of memory loss or the loss of the ability to form new memories.
 20. (i) The person will be able to walk.
(ii) The person will be able to speak fluently.
 21. No, I do not think this is amnesia. The passage states that mild memory loss is a normal part of aging.
 22. I will advise this person to consult with a medical practitioner because he may be suffering from amnesia caused by the consumption of excessive amounts of alcohol.
 23. Persistent means continuous.
 24. Head injury and nutritional deficiencies.
 25. I should ensure that I use suitable protective head gear because there is a possibility that I may receive head injuries during the course of the game and head injury can result in amnesia.
 26. The crocodile told the dentist that his teeth needed to be repaired.
 27. The dentist is petrified of the crocodile. The line from the poem to support my answer is: The dentist's face was
7. taken- taken?
 8. sites- sites:
 9. claxton- Claxton
 10. garbage- garbage,
 11. re used- re-used
 12. Theres- There's
 13. belongs- belong
 14. bright- brightly
 15. who- that
 16. larvas- larvae
 17. know- known
 18. injure- damage

turning white. He quivered, quaked and shook.

28. The literary device used throughout the poem is Personification. The crocodile was given humanlike qualities.

29. No, I do not think the crocodile had three hundred teeth. The dentist exaggerated the number of teeth in the crocodile's mouth because when the crocodile opened its mouth, the dentist became even more scared of the thought of being eaten by the crocodile.

30. The lady called the dentist a twit because she thought he was being rather silly since the crocodile was her pet and she did not believe that the crocodile would harm anyone.

31. The character trait displayed is slyness. The crocodile went to the dentist with the intention to eat the dentist because he wanted the dentist to take care of the back teeth first.

32. The Devious Crocodile.

33. Rainbow Prep School is responsible for this advertisement to inform the public that the school is open for admission of new students.

34. Affordable fees and strong religious values.

35. The address of the school has been omitted. Parents will require the address of the school to decide whether the school is easily accessible to them.

36. To attract the attention of parents and encourage them to register their child/children at the school.

pennacool.com TEST 6

1. relatively- relatively

2. seasonal- seasonal

3. availability- availability

4. phenomenon- phenomenon

5. scientists- scientists

6. endurance- endurance

7. duck billed- duck-billed

8. natures- nature's

9. hoax- hoax.

10. species- species:

11. australian- Australian

12. extinction- extinction?

13. normality- normalcy

14. putted- put

15. among- between

16. hopeful- hopefully

17. is- are

18. but- and

19. Internal migration refers to the movement of persons from one place within a country to another within the same country, whereas external migration refers to the movement from one country to another.

20. People migrate to improve their standard of living. They go to other countries to seek employment. They may also migrate if they reside in a country where there is civil disturbance or one that has been devastated by natural disasters.

21. An asylum seeker is a person who is seeking refuge in another country if he is leaving his home country because of political, religious, or another form of persecution. He can make a formal application to that country where refuge is sought.

22. Crime and pollution.

23. Impel means force.

24. The main idea of the first paragraph of the passage is to explain what is migration and the difference between internal and external migration.

25. Migrants who come from poor nations in search of jobs are exploited because they lack proper education and do not possess the required skills for good jobs. Therefore, they accept any job offered to them and are frequently underpaid by their employers.

26. Giants, ghosts and elephants.

27. The elephant chased after the poet waving his shining trunk from which jets of steam spouted.

28. The giant was horrible in appearance. It had three heads, twenty arms and fire came out of his mouth. Yes, I think the poet was afraid of the giant because he ran to his father for protection.

29. I think the poet did not scream because he wanted to prove how brave he was.

30. I think the poet is between five and eight years of age and is a male. The poem mentioned being 'not that sort of lad' and a lad is a small boy. He has a very active imagination. He is scared to sleep on his own at night and imagines the creatures mentioned coming to attack and devour him. These things do not really happen.

31. He refers to the poet's father. The poet thinks his father is fearless and strong and could protect him from any danger.

32. No, I do not think it is a suitable title because the poet was very scared of the things he imagined in his room and would usually crawl into his father's bed for protection from them.

33. The name of the organization is the Wildlife Centre of Carson Hall and its slogan is: Only shoot with cameras.

34. A non-profit organization is one that uses income (donations) to assist the cause or group and does not aim to make a profit.

35. Volunteers are needed to assist with caring for the injured animals, feeding animals, cleaning areas, etc.

36. The words are written in bold print to attract readers and encourage people to join the centre to care for the animals.