# GREENHILL ACADEMY
## P.7 HOLIDAY HOMEWORK - TERM TWO 2019
## SUBJECT    :    ENGLISH    <u>SET I</u>

### Time Allowed:  2 hours 15 minutes

**Index No.**

| EMIS NO | | | | | | Personal No. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**Candidates Name** …………………………………………………………………………

**Candidates' Signature** …………………………………………………………………

**EMIS No.**   ………………………………………………………………………………….

**District Name** …………………………………………………………………………

**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.**

**Read the following instructions carefully.**

1. This paper is made up of two Sections: A and B

2. Section A, Sub section 1 has 30 questions (30 marks) and Sub section II  has 20 questions. (20 marks)

3. Section B has 15  questions (50 marks)

4. Attempt ALL questions. All answers to both Section A and B  MUST be written in the spaces provided.

5. ALL answers must be written in blue or black ballpoint or ink. Only diagrams and graphs work must be done in pencil.

6. Unnecessary alteration of work will lead to loss of marks.

7. Any handwriting that cannot be easily read may lead to loss of marks.

8. NO calculators are allowed in the examination room.

| FOR EXAMINERS USE ONLY | | |
|---|---|---|
| QN. NO. | MARK | <u>SIGN</u> |
| **1 - 5** | | |
| **6 - 15** | | |
| **16 - 19** | | |
| **20 – 21** | | |
| **22 – 24** | | |
| **25 – 27** | | |
| **28 – 30** | | |
| **31 – 50** | | |
| **51** | | |
| **52** | | |
| **53** | | |
| **54** | | |
| **55** | | |
| **TOTAL** | | |

## PAPER ONE(GRAMMAR)

**Fill in the blank space with a suitable word.**

1.    I have been studying in this school ………………………………………ten years.

2.    The school ……………………………………sang  sweetly  at the concert.

3.    You should not ………………………………………against that wall lest you dirty

      yourself.

4.    We were all sorry to hear you……………………………………. ill.

5.    How …………………………………….sugar do you need in your tea?

6.    To …………………………………….did she tell our secret?

7.    One of the boys ……………………………………lost his pen.

8.    I visited  a …………………………………….to buy some  herbs for my

      grandmother.

9.    Wolves are to howl as …………………………………….are to hoot.

10.   Let us go and see what is happening,…………………………………….we?

11.   A stitch in time ……………………………………nine.

12.   According …………………………………….my parents, it is not advisable

      to walk alone at night.

13.   What is the difference …………………………………….a mobile phone and

      an iPod?

14.   That man who is bleeding has been ……………………………………by a dog.

15.   …………………………………….climbed over our fence and broke into

      our house yesterday.

## Use the correct form of the word given in brackets to complete the sentence.

16. The …………………………………………………took place at midnight.(rob)

17. We should do this work by …………………………………………. (self)

18. Silver …………………………………………………..swept the classroom. (voluntary)

19. The …………………………………………………of the comedian excited everybody. (appear)

20. It ………………………………………………….raining by the time we reached home.(stop)

21. None of the …………………………………………………is loaded. (lorry)

22. We looked at the ………………………………………………….sky in amazement.(star)

23. I have been ………………………………………………….this composition since seven o'clock. (write)

24. Your …………………………………………………of a monkey was funny.(describe)

25. By the time we start writing the examination, the bell…………………………………………………(ring)

26. She writes …………………………………………………than any of us. (quick)

27. The mourners were full of ………………………………………………….during the burial of the pastor. (grieve)

28. The …………………………………………………region is densely populated. (centre)

29. That old woman…………………………………………………her grandson on her back whenever she goes to the market.(carry)

30. Each of the girls ………………………………………………….happy.(be)

## Arrange the given words in alphabetical order.

31.  funny, party, lazy, carry, marry

  .............................................................................................................

32.  own, know, owner, known, knowledge

  .............................................................................................................

33.  report, repeater, repetition, repeat, reporter

  .............................................................................................................

34.  wine , window, widow, wind, widower

  .............................................................................................................

35.  about, alert, apart, assist, around

  .............................................................................................................

## Write the full forms of the given short forms.

36.  Rd…………………………………..

37.  You'd……………………………

38.  p.a …………………………………..

39.  etc………………………………

40.  Tue. ……………………………

41.  UNEB……………………………

42.  Inst………………………………

  ………………………………….

43.  o'clock…………………………………

44.  jr…………………………………….

45.  A.D…………………………………

46.  shan't ……………………………………

47.  Feb. ……………………………………

48.  c/o…………………………………

49.  Dr…………………………………

50.  N.B…………………………………

**Use each of the given words in a sentence to show that you know the difference in their meaning.**

51. die

...........................................................................................................................

52. dye

...........................................................................................................................

53. bath

...........................................................................................................................

54. birth

...........................................................................................................................

55. morning

...........................................................................................................................

56. mourning

...........................................................................................................................

57. heal

...........................................................................................................................

58. heel

...........................................................................................................................

59. heard

...........................................................................................................................

60. herd

...........................................................................................................................

## Give the plural form of the  given word or words.

61.   watch ……………………………………………

62.   solo…………………………………………….

63.   piano…………………………………………..

64.   mosquito………………………………………

65.   buffalo ……………………………………….

66.   foot…………………………………………..

67.   ox   ……………………………………………..

68.   goose ………………………………………….

69.   puppy………………………………………….

70.   donkey ……………………………………….

71.   oasis ………………………………………….

72.   pupa ……………………………………………..

73.   abacus …………………………………………

74.   stadium……………………………………….

75.   that man ……………………………………….

76.   fisherman …………………………………………

77.   spoonful …………………………………………

78.   father-in-law ………………………………………..

79.   passer-by ……………………………………………..

80.   on-looker………………………………………………

## Re-arrange the given words to form a correct sentence.

81.   truth  he the  wanted  know to

…………………………………………………………………………………………

82.  you  are  why crying?

..........................................................................................................................

83.  is man he fat a what!

..........................................................................................................................

84.  tired are we not.

..........................................................................................................................

85.  I answer tell the you will.

..........................................................................................................................

86.  bag is  my where?

..........................................................................................................................

87.  has what beautiful she baby a !

..........................................................................................................................

**Re-write the sentence giving one word for the underlined group of words.**

88.  We will visit the <u>king's home</u> tomorrow.

..........................................................................................................................

89.  The tourists climbed the hill <u>with ease</u>.

..........................................................................................................................

90.  A lion, with its <u>young ones</u>, has been killed.

..........................................................................................................................

91.  The wasps are hanging on their <u>house</u>.

..........................................................................................................................

92.  The <u>teachers </u>of this school are punctual.

..........................................................................................................................

93. We heard a hen <u>make noise</u> in the morning.

……………………………………………………………………………………………………………

94. The <u>man employed to drive this car</u> has come.

……………………………………………………………………………………………………………

95. Will you take this shoe to the <u>man who mends shoes</u>.

……………………………………………………………………………………………………………

96. Paul's <u>uncle's son</u> is looking for him.

……………………………………………………………………………………………………………

97. Two <u>female dogs</u> are here.

……………………………………………………………………………………………………………

98. This herb is <u>not harmful</u>.

……………………………………………………………………………………………………………

99. I <u>don't like</u> lazy people.

……………………………………………………………………………………………………………

100. President Museveni is <u>widely known.</u>

……………………………………………………………………………………………………………

**<u>Rewrite the sentence giving the opposite of the underline word or group of words.</u>**

101. The patient is <u>better</u> today than he was yesterday.

……………………………………………………………………………………………………………

102. Your <u>sister-in-law</u> is <u>beautiful</u>.

……………………………………………………………………………………………………………

103. They came <u>early</u> yesterday.

……………………………………………………………………………………………………………

104. The tank is <u>empty</u>.

    ......................................................................................................................

105. It is <u>legal</u> to drink beer in this country.

    ......................................................................................................................

106. A dictionary is a <u>useful</u> book.

    ......................................................................................................................

107. She showed a lot of <u>pride</u>.

    ......................................................................................................................

108. What you have done is a <u>foolish</u> thing.

    ......................................................................................................................

109. This is the <u>cheapest</u> dress in this shop?

    ......................................................................................................................

110. Am I speaking <u>sense</u>?

    ......................................................................................................................

**<u>Re-write the sentence as instructed in the brackets.</u>**

111. Your friend is very fat. He cannot sit on this small chair. (Re-write the

    sentence using :…………so……….that……. .)

    ......................................................................................................................

112. This table is very heavy.  I cannot lift alone. (Re-write the sentence

    using :……………too…..to……)

    ......................................................................................................................

113. Laura is short.  Alisha is very short. (Re-write the sentence using:

    :……………not …….as…………)

    ......................................................................................................................

114. I am sick. I will not go with you. (Re-write the sentence beginning: If…………………………)

…………………………………………………………………………………………………………………………….

115. There is someone looking for you. (Re-write the sentence using :…………anyone……………………)

……………………………………………………………………………………………………………………………

116. She has put a lot of sugar in this tea. (Re-write the sentence using:…………..much…………………)

……………………………………………………………………………………………………………………………

117. Grandma never went to school but she can read the Bible. (Re-write the sentence beginning: In spite……………………….)

……………………………………………………………………………………………………………………………

118. I drank soda. I ate a snack. (Re-write the sentence beginning: Not only……………………………….)

……………………………………………………………………………………………………………………………

119. She started digging in the morning. It is afternoon and she is still digging. (Re-write the sentence using:……………since………………………)

……………………………………………………………………………………………………………………………

120. The visitors came at 1:00p.m. My father came back at 2:00p.m. (Re-write the sentence beginning: By the time…………………………)

……………………………………………………………………………………………………………………………

**END**

# GREENHILL ACADEMY
## P.7 HOLIDAY HOMEWORK - TERM TWO 2019
CLASS      :      P.7

SUBJECT  :      SOCIAL STUDIES & R.E      SET I

Time Allowed:  2 hours 15 minutes

Index No.

| EMIS NO | | | | | | Personal No. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

Candidates Name …………………………………………………………………………

Candidates' Signature ……………………………………………………………………

EMIS No.  …………………………………………………………………………………..

District Name ………………………………………………………………………………

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

**Read the following instructions carefully.**

1.  This paper is made up of two Sections: A and B

2.  Answers to both sections must be written in the spaces provided in full sentences.

3.  Section A has 40 questions (40 marks)

4.  Section B has 15  questions (60 marks)

5.  Attempt all questions.

6.  All answers must be written in blue or black ballpoint pen or ink but not in pencil. All work done in pencil, except diagrams, will **NOT** be marked.

7.  Crossing out of answers will lead to loss of marks.

8.  Any handwriting that cannot be easily read may lead to loss of marks.

| FOR EXAMINERS USE ONLY | | |
|---|---|---|
| QN. NO. | MARK | SIGN |
| 1 - 10 | | |
| 11 - 20 | | |
| 21 - 30 | | |
| 31 – 32 | | |
| 33 – 34 | | |
| 35 – 36 | | |
| 37 – 38 | | |
| 39 – 40 | | |
| 41 – 42 | | |
| 43 – 44 | | |
| 45 – 46 | | |
| 47 – 48 | | |
| 49 – 50 | | |
| 51 - 52 | | |
| 53 – 54 | | |
| 55 | | |
| TOTAL | | |

## SECTION A (40 MARKS)

1.  How do pedestrians use roads safely?

    ...........................................................................................................................................

2.  Give **one** reason why the districts of North-Eastern Uganda receive little rainfall throughout the year.

    ...........................................................................................................................................

3.  Give one reason why peace and security should be promoted in Uganda.

    ...........................................................................................................................................

4.  Which Bantu tribe formed Karagwe Kingdom in Tanzania?

    ...........................................................................................................................................

5.  Name **one** inland lake found in Africa.

    ...........................................................................................................................................

6.  Give **one** way in which the causes of conflicts between a school and a community around can be solved.

    ...........................................................................................................................................

7.  Write UNHCR in full.

    ...........................................................................................................................................

8.  Give **one** example of a school routine.

    ...........................................................................................................................................

9.  State **one** importance of a radio station in a community.

    ...........................................................................................................................................

10. How does dictatorship affect democracy?

    ...........................................................................................................................................

11. Write one modern method of fishing.

   ..........................................................................................................

12. State **one** factor that promote trade.

   ..........................................................................................................

13. Why should smuggling of goods into Uganda be controlled?

   ..........................................................................................................

14. Name the cash crop grown in Kalangala district.

   ..........................................................................................................

15. Why did some Africans collaborate with the colonialists?

   ..........................................................................................................

16. Apart from being cheap, give another reason why road transport is used by many people in Uganda.

   ..........................................................................................................

   ..........................................................................................................

17. Name the service provided by medical workers that help to control population growth.

   ..........................................................................................................

18. Give **one** reason why the distance between Entebbe and Kabale is shorter by a plane than a car.

   ..........................................................................................................

19. In the space provided below, draw a map symbol for a bridge.

20. Why should children be given their rights?

   ……………………………………………………………………………………………………………………………

21. Give **one** way the people of Africa benefitted from European Explorers.

   ……………………………………………………………………………………………………………………………

22. Mention **one** type of elections in Uganda.

   ………………………………………………………………………………………………………………………….

23. Why did the Portuguese want so much to discover the sea route to India?

   ………………………………………………………………………………………………………………………….

24. How do the velds support the economy of South Africa?

   ……………………………………………………………………………………………………………………………

25. Write one effect of soil erosion.

   ………………………………………………………………………………………………………………………….

26.  Name **one** social service centre in a community.

   ……………………………………………………………………………………………………………………………

27. How did the missionaries solve the problem of language barrier?

   ………………………………………………………………………………………………………………………….

28. Name the political head of a municipality.

   ……………………………………………………………………………………………………………………………

29. Give **one** example of traditional industries.

   ……………………………………………………………………………………………………………………………

30. Give **one** disadvantage of having a small family size.

   ………………………………………………………………………………………………………………………….

31. How can landslides be reduced in the districts of Buduuda and Sironko?

……………………………………………………………………………………………………………………………………….

32. What are the synclines of a fold mountain?

……………………………………………………………………………………………………………………………………

33. State **one** danger of child abuse.

……………………………………………………………………………………………………………………………………….

34. Give **one** example of a public holiday in Uganda.

……………………………………………………………………………………………………………………………………….

35. Give **one** way of controlling child labour in Uganda.

……………………………………………………………………………………………………………………………………

**For  questions 36 – 40, Answer Either Christianity or Islam But not both.**

36. **Either**: Which prophet preached about the birth of Jesus at Bethlehem?

……………………………………………………………………………………………………………………………………

   **Or**:  Name the last prophet in Islam.

……………………………………………………………………………………………………………………………………….

37. **Either**:  What do we learn from Cain?

……………………………………………………………………………………………………………………………………….

   **Or**:  What do we learn from Kabil?

……………………………………………………………………………………………………………………………………

38. **Either**:  Give one reason  why Christians should  not fear death

……………………………………………………………………………………………………………………………………….

   **Or**:  Give  one reason why Muslims should not fear death.

……………………………………………………………………………………………………………………………………

39. **Either**:- How  did Joseph  go to Egypt?

……………………………………………………………………………………………………………………………………….

**Or**: How did Yusufu go to Egypt?

...........................................................................................................................

40. **For Both.**
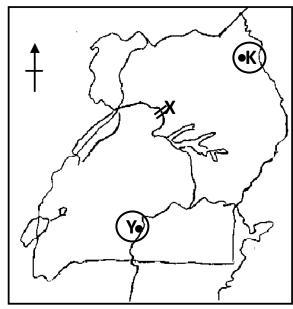
How are Angels similar to prophets?

...............................................................................................................................

...........................................................................................................................

## SECTION B (60 MARKS)

41. **Use the climatic table below to answer the questions that follow.**

| Months | J | F | M | A | M | J | J | A | S | O | N | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Temp($^0C$) | 20 | 20 | 18 | 16 | 13 | 10 | 10 | 13 | 16 | 18 | 18 | 19 |
| Rainfall(mm) | 112 | 97 | 75 | 61 | 22 | 9 | 9 | 25 | 25 | 69 | 116 | 111 |

(a)   Name the type of climate described by the table above.

.................................................................................................................

(b)   Give a reason for your answer.

.................................................................................................................

(c)   Mention the country in Africa with the above type of climate.

.................................................................................................................

(d)   Write **one** crop suitable for the above climate.

.................................................................................................................

42. (a)   Which European country ruled Rwanda and Burundi between 1919 to
1962?

.....................................................................................................................

(b) How did Rwanda and Burundi become territories of the above country in (a) above?

.....................................................................................................................

(c) Mention the rebellion which was staged in Rwanda.

.....................................................................................................................

(d) Give **one** effect of the above rebellion.

.....................................................................................................................

43. (a) Mention any **two** uses of land as a resource.

(i) .....................................................................................................................

(ii) .....................................................................................................................

(b) State **two** problems facing land as a resource.

(i) .....................................................................................................................

(ii) .....................................................................................................................

44. (a) Give **two** reasons why few people live in the thick forests of Africa.

(i) .....................................................................................................................

(ii) .....................................................................................................................

(b) How does NFA try to conserve the natural forests?

(i) .....................................................................................................................

(ii) .....................................................................................................................

45. (a) What was direct rule as a system of administration used in some parts of Uganda?

............................................................................................................

(b)　Why did the British use direct rule in Eastern parts of Uganda?

............................................................................................................

(c)　How did the people of Uganda benefit from the colonialsts?

(i)　............................................................................................................

(ii)　...........................................................................................................

46. **Use the map of Uganda below to answer question 46.**



(a)　Name the Stone Age sites marked **K** and **Y**.

(i)　**K** ...................................................................................................

(ii)　**Y** ...................................................................................................

(b)　Give **one** importance of Stone Age sites.

............................................................................................................

(c)　Name the water falls marked **X**.

............................................................................................................

47. (a)　Name **two** lakes in Uganda formed as a result of down warping.

(i)　............................................................................................

(ii) ……………………………………………………………………………………………………………………………

(b)　How are lakes dangerous to people who live around them?

(i) ……………………………………………………………………………………………………………………………

(ii) ……………………………………………………………………………………………………………………………

48. (a)　Name **two** common markets in Africa where Uganda is not a member.

(i) ……………………………………………………………………………………………………………………………

(ii) ……………………………………………………………………………………………………………………………

(b)　How do common markets promote trade in a region?

(i) ……………………………………………………………………………………………………………………………

(ii) ……………………………………………………………………………………………………………………………

49. (a) How did the pan Africanists lead to the achievement of independence Africa?

(i) ……………………………………………………………………………………………………………………………

(ii) ……………………………………………………………………………………………………………………………

 (b)　Which challenges did the pan Africanists face?

(i) ……………………………………………………………………………………………………………………………

(ii) ……………………………………………………………………………………………………………………………

50. (a)　What is population distribution?

…………………………………………………………………………………………………………………………………

(b)　How do people contribute to the development of their country?

(i) ……………………………………………………………………………………………………………………………

(ii) ……………………………………………………………………………………………………………………………

(iii) ……………………………………………………………………………………………………………………………

## For questions 51 – 55 Answer Either Christianity or Islam but not Both.

51. **Either**:

(a)    How do Christians use the following body parts to serve God?

(i)    Eyes ………………………………………………………………………………………………………………………

(ii)   Mouth ……………………………………………………………………………………………………………………

(b)    How do Christians benefit by serving God?

(i)    ……………………………………………………………………………………………………………………………

(ii)   ……………………………………………………………………………………………………………………………

**Or:-**

(a)    How do Muslims use the following body parts to serve God?

(i)    Eyes ………………………………………………………………………………………………………………………

(ii)   Mouth……………………………………………………………………………………………………………………

(b)    How do Muslims benefit by serving Allah?

(i)    ……………………………………………………………………………………………………………………………

(ii)   ……………………………………………………………………………………………………………………………

52. **Either**:

(a)    Which prayer did Jesus teach his disciples?

……………………………………………………………………………………………………………………………………

(b)    Why did he teach them the above prayer?

……………………………………………………………………………………………………………………………………

(c)    State any **two** requests made in the above prayer.

(i)    ……………………………………………………………………………………………………………………………

(ii)   ……………………………………………………………………………………………………………………………

**Or:-**

(a)    State the first and last prayer of Muslims in the day.

(i) First ……………………………………………………………………………………………………………

(ii) Last ………………………………………………………………………………………………………….

(b) State any **two** benefits from prayers.

(i) ……………………………………………………………………………………………………………

(ii) ……………………………………………………………………………………………………………

## 53. **Either** :

(a) Give the meaning of the word authority.

……………………………………………………………………………………………………………….

(b) How did Jesus use his authority to control nature?

(i) …………………………………………………………………………………………………………….

(ii) ……………………………………………………………………………………………………………

(c) State any **one** type o authority.

……………………………………………………………………………………………………………….

**Or**:

(a) Giving the meaning of the ward authority.

……………………………………………………………………………………………………………….

(b) How did prophet Muhammed use his authority to control nature?

……………………………………………………………………………………………………………….

(c) State any **two** types of authority.

(i) ………………………………………………………………………………………………………….

(ii) ………………………………………………………………………………………………………….

## 54. **Either**:

(a) Who is a leader?

.......................................................................................................................................

(b)     Give **two** reasons why God wants us to obey our leaders.

(i)     ...............................................................................................................................

(ii)    ...............................................................................................................................

(c)     State **one** quality of a good leader.

.......................................................................................................................................

**Or:**

(a)     Who is a leader?

.......................................................................................................................................

(b)     Give **two** reasons why Allah wants to obey our leaders.

(i)     ...............................................................................................................................

(ii)    ...............................................................................................................................

(c)     State **one** quality of a good leader.

.......................................................................................................................................

55. **For Both**.

(a)     State any **two** types of decisions Christians or Muslims make today.

(i)     ...............................................................................................................................

(ii)    ...............................................................................................................................

(b)     Which decisions did Abraham/Ibrahim make?

(i)     ...............................................................................................................................

(ii)    ...............................................................................................................................

**\*\*E N D \*\***

# GREENHILL ACADEMY

## P.7 HOLIDAY HOMEWORK - TERM TWO 2019
### SUBJECT :     MATHEMATICS     SET I

### Time Allowed:  2 hours 30 minutes

**Index No.**

| EMIS NO | | | | | | Personal No. | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**Candidates Name** …………………………………………………………………………..

**Candidates' Signature** …………………………………………………………………………..

**EMIS No.**   ……………………………………………………………………………………

**District Name** ………………………………………………………………………………

## Read the following instructions carefully.

1. This paper has **two** Sections: **A** and **B**.

2. Section **A** has 20 answer questions (40 marks)

3. Section **B** has 12 questions (60 marks)

4. Answer **ALL** questions. Answers to both sections must be written in the spaces provided.

5. All answers must be written using a blue or black ballpoint pen or ink Diagrams should be drawn in pencil.

6. Unnecessary alteration of work may lead to loss of marks.

7. Any handwriting that cannot be easily read may lead to loss of marks.

8. Do not fill anything in the box indicated for examiner's use only.

| FOR EXAMINERS USE ONLY | | |
|---|---|---|
| **QN. NO.** | **MARK** | **SIGN** |
| 1 - 10 | | |
| 11 - 20 | | |
| 21 - 22 | | |
| 23 – 24 | | |
| 25 – 26 | | |
| 27 – 28 | | |
| 29 – 30 | | |
| 31 – 32 | | |
| **TOTAL** | | |

## SECTION A
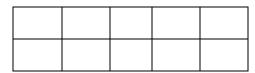
1. Simplify: $9\frac{3}{10} - 5\frac{5}{6}$
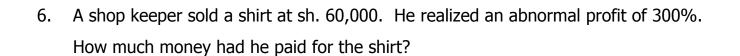
2. How many times is $2\frac{3}{4}$ contained in 44?

3. Simplify: 6.08 – 5.2 + 11.24 – 4.676

4. The scale of a map is 1:10. What distance in km on the ground will 13.2cm represent?

5. Shade 60% of the diagram below.

6. A shop keeper sold a shirt at sh. 60,000. He realized an abnormal profit of 300%. How much money had he paid for the shirt?
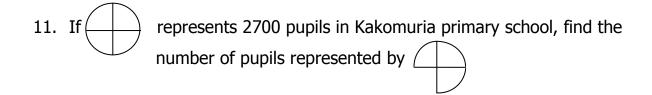
7. 35 men can complete a certain job in 8 months. How many more men are needed to complete the same job in one month less?

8. Express 0.12333… as a vulgar fraction.

9. Fatuma gave $\frac{1}{4}$ of a cake to each of her children. If she had 3 equal cakes, find the number of children she had.

10. Arrange the following fractions in order beginning with the biggest: $\frac{1}{4}$ , $\frac{2}{3}, \frac{3}{5}, \frac{7}{8}$

11. If  represents 2700 pupils in Kakomuria primary school, find the number of pupils represented by 

12. Okoboi sold a tin of oranges at sh.15000 and made a loss of sh.3000. Calculate the percentage loss.
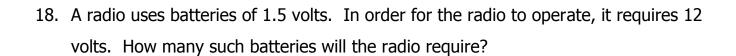
13. If $\frac{3}{8}$ of a tank is filled in 12 minutes. How long will it take to fill the whole tank?

14. Express $5\dfrac{7}{25}$ as a decimal.

15. Multiply: 3.42 x 7.6

16. Express 760ml as a percentage of 2 litres.

17. Simplify: $6\dfrac{1}{4} \div 3\dfrac{6}{7}$ of $\dfrac{5}{6}$ x $2\dfrac{7}{10}$

18. A radio uses batteries of 1.5 volts.  In order for the radio to operate, it requires 12 volts.  How many such batteries will the radio require?

19. Find the product of the next two terms in the sequence $\frac{1}{3}, \frac{1}{6}, \frac{1}{12}, \frac{1}{24} \ldots \ldots$

20. Mr. Ssebunza banked sh. X at simple interest of $2\frac{1}{2}\%$ per annum for two years which amounted to sh. 42000 at the end of the two years.  Find the value of X.

## **SECTION B**

21. (a)  Round off 3.456729 to the nearest ten thousandths.

    (b) Change 0.3636… to a rational number.
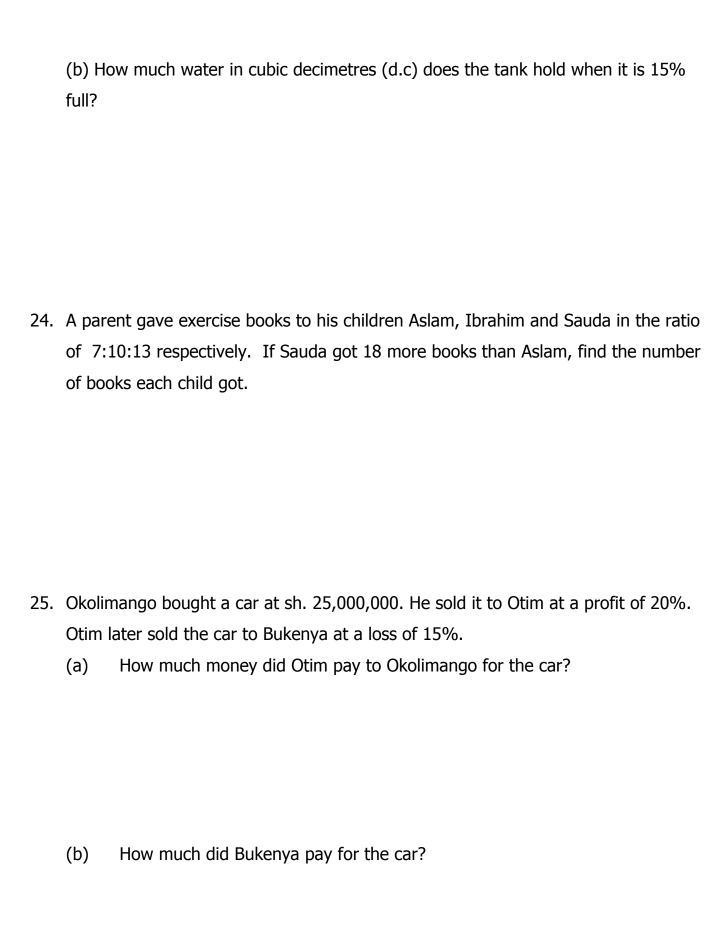
(c) Write 167.238 in words (do not use point)

22. The marked price of a suitcase is sh.42000. A customer paid sh.39000.

   (a)    How much is the discount?

   (b)    Calculate the percentage discount.

23. (a) A tank is $\frac{1}{4}$ full of water.  When $\frac{1}{4}$ of the water needed to fill the tank is added, the tank holds 700 litres.  Find the full capacity of the tank.

(b) How much water in cubic decimetres (d.c) does the tank hold when it is 15% full?

24. A parent gave exercise books to his children Aslam, Ibrahim and Sauda in the ratio of 7:10:13 respectively. If Sauda got 18 more books than Aslam, find the number of books each child got.

25. Okolimango bought a car at sh. 25,000,000. He sold it to Otim at a profit of 20%. Otim later sold the car to Bukenya at a loss of 15%.
    (a)    How much money did Otim pay to Okolimango for the car?

    (b)    How much did Bukenya pay for the car?

26. (a) Convert $\dfrac{3}{8}$ to a decimal.

(b) $\dfrac{2}{3}$ of Suzan's salary is equal to $\dfrac{3}{4}$ Jane's salary. If Suzan's salary per month is sh. 900,000, find Jane's monthly salary.

27. (a) Malevu ate a half of his roast cassava. He gave a quarter of the remainder to his friend. What fraction of Malevu's roast cassava was left?

(b) A pot contains $5\dfrac{1}{2}$ litres of water. How many half-litre bottles will the water fill?

28. Out of 120 students who took a test, $\frac{1}{3}$ of them were girl.

(a)    How many boys took the test?

(b)    If 40% of the boys failed and 55% of the girls passed the test, how many students altogether passed the test?

29.   A tank has two taps that pour water into it.  Tap A turned on alone fills the tank in 15 minutes and tap B turned on alone fills it in 10 minutes.  One day the tank was $33\frac{1}{3}$% full and the two taps were turned on at the same time.

(a)    How long did it take to fill the tank?

(b)   If both taps pour 20 litres of water per minute, what amount of water does the tank hold when full?

30.  A man's salary was reduced by 10% to sh. 810,000 per month.

(a)   What was the man's monthly salary before the reduction?
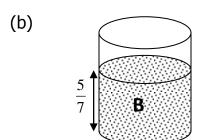
(b)   If 5% of his new salary is added as a bonus find his final salary.

31.  In a class, $\frac{1}{5}$ of the girls are boarders.

While  $\frac{1}{3}$ of the boys are day scholars.  The percentage of the girls in the class is 60%.  The class has 10 boys who are day scholars.

(a)   How many pupils are in the class?

(b)    Find the number of girls who are boarders.

32. (a) Odokonyero cleared $\frac{3}{5}$ of his land.  He used $\frac{2}{3}$ of the cleared land to plant flowers and planted cassava on the remainder.  Find how much land Odokonyero has if Cassava covered 13 acres.

(b)



The figure is of a water tank which was $\frac{5}{7}$ full.  When 220 litres of water were drawn, it became $\frac{2}{5}$ full. Find the full capacity of the tank.

**End.**