

NATIONAL TEACHING COUNCIL

GHANA TEACHER LICENSURE EXAMINATION

GENERAL PROFESSIONAL KNOWLEDGE PAST QUESTIONS 2023

NUMERACY QUESTIONS

1. A polytank contains 4,000 litres of water. If 3,500 litres of water is used, what fraction of the original quantity is used?
 - A. $\frac{1}{8}$
 - B. $\frac{3}{8}$
 - C. $\frac{5}{8}$
 - D. $\frac{7}{8}$
2. A basket contains 45 mangoes. If each mango costs GH¢2.50, what is the total cost of the mangoes in the basket?
 - A. GH¢ 18.00
 - B. GH¢ 44.75
 - C. GH¢ 112.50
 - D. GH¢ 1,125.00
3. If a luggage weighs 40.24 kg, what is the weight of this luggage in grams?
 - A. 424 g
 - B. 4,024 g
 - C. 40,240 g
 - D. 42,040 g
4. Which of these numbers 245, 242, 142, 225 is divisible by 3?
 - A. 142
 - B. 225
 - C. 242
 - D. 245

5. What is the value of the expression $3a + 2b - 14$ if $a=3$ and $b=12$.
- A. 9
- B. 19
- C. 29
- D. 39
6. Janet is 5 years older than Johnson. If the sum of their ages is 25 years, what is Janet's age?
- A. 10 years
- B. 15 years
- C. 18 years
- D. 20 years
7. The average age of 9 students in a class is 25 years. If another student who is 15 years old joins the class, what is the average age of the 10 students?
- A. 20
- B. 24
- C. 35
- D. 40
8. In an examination, 70% of the candidates passed. If the number of candidates who passed was 350, how many failed?
- A. 50
- B. 150
- C. 250
- D. 500
9. There are 30 and 50 employees respectively in the Keta and Denu branches of the same company. Each branch is to raise an amount of GH¢ 4,500.00 towards the send-off ceremony of their manager. If the employees at each branch are to contribute equally, how much will each employee of the Denu branch contribute?
- A. GH¢ 56.00
- B. GH¢ 90.00
- C. GH¢ 150.00

D. GH¢ 200.00

10. Three consecutive even numbers sum up to 60. What is the product of the least and highest of the numbers?

A. 360

B. 378

C. 396

D. 399

11. Each worker in the Kumasi and Tamale branches of the same company was to contribute an equal amount towards an orphanage fundraising. There were 30 and 50 workers respectively in the Kumasi and Tamale branches. If a total amount of GH¢4500.00 was realized at the Kumasi branch, what was the total amount raised by the Tamale branch?

A. GH¢ 90.00

B. GH¢ 150.00

C. GH¢ 7,500.00

D. GH¢ 8,500.00

12. Study the pattern of numbers as shown and use it to evaluate $a+b+c$



A. 24

B. 29

C. 36

D. 43

13. Yakubu and Fuseni bought food at a restaurant. Fuseini's food costs y Ghana cedis. If Yakubu's food costs GH¢15 less than Fuseni's, which of the following expressions represents the cost of Yakubu's food?

A. $15-y$

B. $y-15$

C. $15+y$

D. $15y$

14. Ofori has 860 eggs to put into a number of crates. If each crate contains 30 eggs, what will be the maximum number of crates required to pack all the eggs.

- A. 28.0
- B. 28.6
- C. 28.7
- D. 29.0

15. A teacher handling three classes with class sizes 28, 42 and 56 students wants to form groups such that in every group there is an equal number of students. What is the maximum number of students that can be in each group?

- A. 4
- B. 7
- C. 14
- D. 21

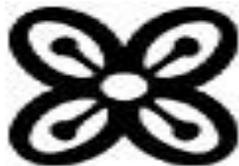
16. A florist has 48.5 metres of ribbon. If he is to cut it into smaller pieces of length 15 centimetres, how many of the pieces of ribbon can he get?

- A. 322.3
- B. 323.3
- C. 323.0
- D. 324.0

17. Owusu and Yaw were to share 65 oranges so that Owusu has 7 oranges less than Yaw. What would be Yaw's share?

- A. 29 oranges
- B. 33 oranges
- C. 36 oranges
- D. 38 oranges

18. How many lines of symmetry does the symbol shown below have?



- A. 1
- B. 2
- C. 3
- D. 4

19. Two classrooms, A and B, have the same floor area. Classroom A has dimensions of 8 metres by 6 metres. If the length of the floor of Classroom B is 10 metres, what should be its width?
- A. 6.0 metres
 - B. 5.2 metres
 - C. 4.8 metres
 - D. 4.0 metres
20. A pharmacist mistakenly sets the regulator of her freezer to 9 degrees Celsius instead of -8 degrees Celsius to store some vaccines. By how many degrees Celsius should she turn the regulator to get to the right temperature?
- A. 17
 - B. 1
 - C. -1
 - D. -17
21. A box contains 5 yellow balls, 3 blue balls and 2 red balls. If a ball is picked at random from the box, what is the probability of picking a yellow ball?
- A. $\frac{1}{2}$
 - B. $\frac{1}{5}$
 - C. $\frac{3}{10}$
 - D. $\frac{3}{5}$
22. The angle formed by one complete turnaround at a fixed point is equivalent to
- A. one right angle.
 - B. two right angles.
 - C. three right angles.
 - D. four right angles.
23. The length of a rectangular playing field is 10 metres longer than its width. If the perimeter of the field is 180 metres, what is its width?
- A. 20
 - B. 30
 - C. 40

D. 50

24. A tap can fill a tank at a rate of 1 litre every 10 seconds. How many minutes will it take to fill a tank of 240 litres at the same rate?

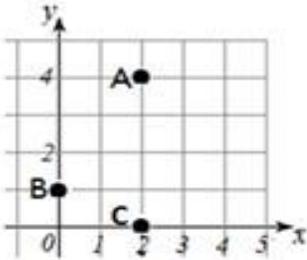
A. 24

B. 40

C. 80

D. 240

25. Points A, B and C are three of the corners of a rectangle. Where should the fourth point D be located to form the rectangle ABCD?



A. (4, 3)

B. (4, 2)

C. (3, 4)

D. (2, 4)

26. The scores out of 30 obtained by ten students in a mathematics test are as follows: 21, 21, 22, 22, 23, 23, 23, 24, 25, 26. What is their median score?

A. 21

B. 22

C. 23

D. 24

27. The most occurring number in the given data, 7, 5, x, 3, 3, 2, 2, 4 is 2. What is the value of x?

A. 2

B. 3

C. 4

D. 7

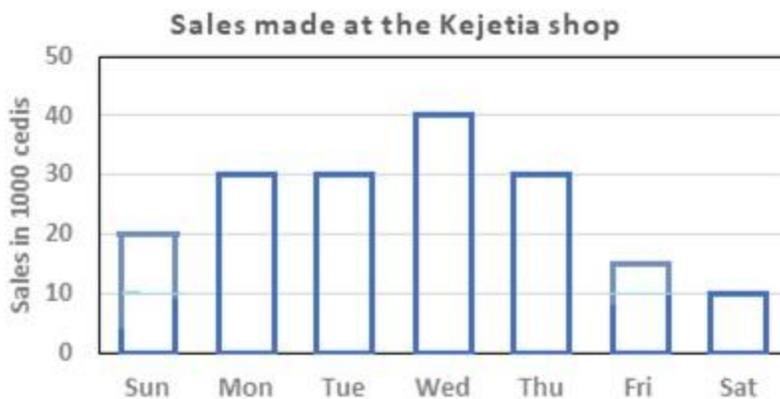
The table gives the number of students from three schools in Domiabra who attended a conference.

	Zion SHS	SDA SHS	Presb y SHS
Number of Males	37	18	25
Number of Females	40	30	10

28. If a student is selected at random at the conference, what is the probability that the student is a male from Domiabra?

- A. $1/5$
- B. $1/2$
- C. $3/5$
- D. $3/4$

The graph shows sales made at Mr. Mensah's shop in a week.



29. What is the difference in sales recorded on his best and worst days?

- A. GH¢10,000
- B. GH¢20,000
- C. GH¢30,000
- D. GH¢40,000

30. The graph shows sales made at Mr. Mensah's shop in a week. On which of the following days did he make the same amount of sales?

- A. Tuesday, Wednesdays, Thursday
- B. Saturday, Sunday, Monday

- C. Monday, Tuesday, Wednesdays
- D. Monday, Tuesday, Thursday

ESSENTIAL PROFESSIONAL SKILLS

31. Some headteachers encouraged their teachers to attend a conference on innovative pedagogies for instructional delivery. The reason for the headteachers' action was to help the teachers to acquire
- A. competencies on the management of students' behavior.
 - B. knowledge on diverse ways of teaching in class.
 - C. proficiencies in assessing learners in the classroom.
 - D. skills in helping learners settle for instruction.
32. Some teachers argue that in-service activities for practicing teachers is a waste of time and resources because the teachers are already abreast with the requisite skills. The actions of these teachers show that they lack ...
- A. interest in going for further studies.
 - B. knowledge of education as a life-long process.
 - C. knowledge of self-understanding.
 - D. self-motivation in upgrading themselves.
33. When a group of professional teachers comes together to share concerns, ideas and passion for the teaching profession and learn how to teach better, it is described as a ...
- A. community of competence.
 - B. community of consultation.
 - C. community of engagement.
 - D. community of practice.
34. Which one of the following can be considered as the main reason for introducing the most current basic educational reforms in Ghana?
- A. Declining quality of education and school structures.
 - B. Private schools always outperforming public schools in external examinations.
 - C. Schools in both rural and urban areas with inadequate instructional materials.
 - D. Systematically low rate of school attendance.
35. 'Content standards', as used in curriculum development, are statements about ...

- A. how learners are meeting set standards and their progress in this.
 - B. how learners should perform in the subject of study.
 - C. learners' response to questions on specific content.
 - D. **what learners should know and be able to do.**
- 36.** Teachers who show that they have adequate knowledge of their learners by taking account of and respecting their cultural, linguistic, socio-economic and educational backgrounds consider all the following in their planning and teaching except ...
- A. code-switching as appropriate to ensure that all can understand lesson content.
 - B. drawing sensitively on learners' backgrounds in their teaching.
 - C. investigating and taking note of each learner's background.
 - D. **using probing questions for both females and males in class.**
- 37.** A teacher planned to develop some strategies to enable her to attract learners' attention to the lesson. Which of the following will not be an appropriate option for her to consider?
- A. Giving constructive feedback.
 - B. **Giving homework to learners.**
 - C. Giving attention to weak learners.
 - D. Tailoring instruction to specific learners.
- 38.** Which one of the following behaviors should be avoided when a teacher wants to effectively manage classroom activities?
- A. Encouraging learners who put up good behavior in the classroom.
 - B. Establishing classroom rules and regulations together with the learners.
 - C. **Indicating expectations at the end of the lesson.**
 - D. Punishing undesirable behavior in the classroom.
- 39.** A pre-service teacher tries to find ways by which the attention of the learners can be sustained during instructional time. Which one of the following strategies would you not suggest to her?
- A. Adopt formative assessment strategies at the beginning of the lesson.
 - B. Conduct intermittent assessment for learners to monitor whether they are following what is being taught.
 - C. **Design the classroom setting with colorful pictures of fruits, vegetables, animals, etc.**

- D. Identify the interest of the learners and use this to inform the instructional design to use.
- 40.** Which one of the following is not true about lesson planning?
- A. It helps the lesson plan to be less demanding.
 - B. It helps the teacher to understand himself very well when preparing to teach.
 - C. It helps to plan for different ability levels and needs of learners.
 - D. It stimulates learners to think in a logical and organized manner
- 41.** Which one of the following strategies will you recommend to a teacher as the most appropriate to enhance the participation of learners in class discussions?
- A. Attach brilliant learners to low-achievers in a group for a task.
 - B. Develop the confidence of learners who are afraid to talk in class.
 - C. Make use of reinforcement and punishment when teaching.
 - D. Use highly interactive methods of teaching and learning.
- 42.** Which one of the following reasons would best explain why a teacher will use the demonstration method?
- A. It does not take a lot of instructional time.
 - B. It helps learners to be active during teaching.
 - C. It provides learners with real-life experience of events.
 - D. It ensures active learner participation.
- 43.** A teacher administered a pretest and found that more than half of the class did not have the prerequisite skills for the new topic to be treated. The teacher therefore had to plan an intervention to address the problem. This intervention most likely involved ...
- A. dividing the class into two groups and providing remedial activities for those who did not pass the pretest.
 - B. giving the students who failed the pretest extra written homework on the skills for the next 2 weeks.
 - C. showing all the students a video covering the skills and proceeding with teaching the entire class.
 - D. teaching the new unit anyway because all students will have to take a test on the material in 2 weeks.
- 44.** In monitoring and conducting periodic review of programs in the implementation of inclusive education, the most essential strategy is for teachers to ...

- A. only provide learners with mild Special Education Needs opportunities to participate in all activities, both within and out of the school.
 - B. **set appropriate objectives and achievable targets for all learners and ensure that learners can cope with the levels set for them.**
 - C. set appropriate objectives and achievable targets for only children with mental impairment and ensure that such learners can cope with the levels set for them.
 - D. use only multisensory approaches in teaching and provide additional time for learners with Special Education Needs to complete learning activities/tasks and assignment.
- 45.** All of the following factors should be considered when constructing test items except the
- A. age of respondents.
 - B. availability of test blueprints.
 - C. **physical facilities that are available.**
 - D. skills to be tested.
- 46.** The statement ‘A student obtained 92% in a test and won second prize’ is an example of ...
- A. criterion-reference interpretation of test score.
 - B. formative evaluation of teaching and learning.
 - C. **norm-reference interpretation of test scores.**
 - D. summative evaluation of teaching and learning.
- 47.** In which of the following situations would peer teaching be the most appropriate professional development strategy for a curriculum leader to use? Some teachers ...
- A. from KG 2 put their heads together to resolve an identified social problem.
 - B. from several schools in the district have been reassigned to teach at a newly built school.
 - C. **have identified a problem in a specific area of instruction and are ready to develop a plan to address the need.**
 - D. wish to learn more about the educational challenges of the community.
- 48.** All the following are the reasons for ensuring good school-community relationship except that ...
- A. it brings the school and community together in meeting the needs of the children.
 - B. it keeps parents informed about all the activities of the school.
 - C. **literacy rate among the people is improved considerably.**

- D. people's belief in the benefits and usefulness of education is reinforced.
49. A young teacher drinks excessively after school hours. Which one of the following will be the most serious negative impact of the teacher's behavior?
- A. He will be physically weak.
 - B. He will make the community lose respect.
 - C. Other teachers will not respect him.
 - D. **The youth in the community will emulate him.**
50. The Education Regulatory Bodies Act, 2020 (Act 1023) is an Act that
- A. **established the Commission for Technical and Vocational Education and Training.**
 - B. established the Complementary Basic Education Agency.
 - C. merged the Ghana Education Service and Ghana Tertiary Education Commission.
 - D. merged the National Teaching Council and the National Inspectorate Board.
51. Which one of the following occurs when learners are able to solve open-ended problems?
- A. Curriculum-based learning
 - B. Content-centred learning
 - C. **Problem-based learning**
 - D. Student-centred learning
52. Which one of the following sequences correctly depicts the classroom teacher's involvement in the curriculum implementation process?
- A. **Breaking down the syllabus; writing scheme of work; writing lesson note.**
 - B. Finding appropriate teaching and learning materials; writing lesson note; delivering the lesson.
 - C. Writing appropriate lesson note; teaching.
 - D. Writing lesson note; teaching; evaluating learners.
53. Which of the following is not the most appropriate step to ensure the smooth transition and completion of a topic which was started by a previous teacher?
- A. Administer a test on the completed topic.
 - B. **Interview the previous teacher.**
 - C. List the objectives to be achieved in the next topic.

- D. Review and recap the topic.
- 54.** It is very important that all teachers create a conducive learning atmosphere to promote students' learning. Which one of the following should a teacher avoid to ensure an encouraging learning environment?
- A. **Do not make derogatory remarks about learners.**
- B. Direct parents on how to handle their children.
- C. Maintain strict code of behavior for learners.
- D. Provide learners with a list of what they should not do.
- 55.** During an advance preparation, a teacher demonstrated awareness of differences in learning abilities, gender, and social background of learners. This teacher is showing ...
- A. empathy for learning abilities.
- B. **knowledge of social inclusion of learners** in the class.
- C. love for learners including the disabled in his class.
- D. sympathy for the vulnerable in his class.
- 56.** In some classrooms, learners have to be forced to learn. All the following strategies can be adopted by the teacher to motivate learners to learn willingly except
- A. **encouraging learners to contend with each other in class.**
- B. engaging learners by using appropriate teaching and learning materials.
- C. planning lessons to meet the different levels of aspirations among the learners.
- D. provoking the learners' curiosity in the lessons.
- 57.** A teacher elicits evidence about learning in the course of a lesson in order to close the gap between current and desired performance. This process is called
- A. **formative assessment.**
- B. normative assessment.
- C. self-assessment.
- D. summative assessment.
- 58.** What type of decision does a teacher make when he indicates whether a child has qualified to be promoted to the next grade or not?
- A. Certificate decision
- B. Competency decision

C. Diagnostic decision

D. Placement decision

59. Through a computer programming error, all the applicants who took an entrance test were credited with 10 more correct answers than they really scored. Is this error of scores a concern to the organizer of the test?

A. No, because the additional 10 points is a systematic error and of no consequence to the reliability of the results.

B. No, because the additional 10 points is a systematic error and of no consequence to the validity of the results.

C. Yes, because the addition of 10 points has distorted the reliability of the results.

D. Yes, because the addition of 10 points has distorted the validity of the results.

60. All the following are ways in which teacher professional development can occur except

A. attending a workshop on the common core curriculum.

B. attending teacher professional association welfare meeting.

C. discussing and learning with colleagues on an issue.

D. participating in a seminar on lesson planning.

61. At a professional development workshop, a teacher sought knowledge about ways by which he can promote reflective teaching. Which one of the following is not likely to be amongst the strategies promoted?

A. Allowing colleague teachers to sit in one's class to provide feedback.

B. Conversing with learners on their performance.

C. Making experts take notes on one's teaching and analyzing it.

D. Taking video recording of one's lesson for evaluation purposes.

62. Which one of the following actions is most likely to prevent learners from participating in social activities in schools?

A. Asking a student not to participate in a school social activity with a just cause.

B. Detaining a student during break as a form of punishment without supervision.

C. Preventing a student from participating in sports activities based on health grounds.

D. Restricting a student from going out to play during instructional hours.

63. A student reported to his teacher that he could not see what was written on the board clearly. What is the best action to be taken by the teacher?

- A. Inform the parents on the issue and constantly follow up to find out the parents' actions.
 - B. Move the child to sit at a place where he sees clearly in order to read.
 - C. Move the child to the front seat and take him for assessment of visual problems.
 - D. Report the issue to the headmaster and later take the child to meet the headmaster.
64. All the following are types of classroom learning environment except being
- A. assessment-centred.
 - B. community-centred.
 - C. learner-centred.
 - D. teacher-centred.
65. A teacher wishes to ensure inclusion in her teaching. How can she best achieve this in the classroom? The teacher should
- A. allow the pupils to put up any preferred behavior in the class.
 - B. be aware of the specific needs of every child in the class.
 - C. encourage participation of all learners in class activities.
 - D. make use of different languages during teaching and learning.
66. A teacher complained about the difficulty she encounters when facilitating learning in her large class. Which one of the following actions will best help her to improve instructional delivery and to enhance learning?
- A. Divide the class into reasonable number of groups and attend to each group one after the other.
 - B. Incorporate activities like role play and demonstration in teaching.
 - C. Report to the head teacher and explain to him that the large class size will not enhance learning.
 - D. Use the lecture method of instruction.
67. BA newly trained Mathematics teacher complained to the headteacher that she is not able to relate what she teaches to real-life situations. Which one of the following is the most appropriate advice to be given by the headteacher?
- A. Adopt instructional approaches which encourage illustrations and role play.
 - B. Incorporate real-life scenarios in assessment tasks.
 - C. Go on field trips, tours and excursions.
 - D. Be an independent, critical thinker and problem solver.

68. A teacher gave an assignment to his students and after marking, he met them individually and discussed with them what they did wrong. Which one of the following best describes the teacher's action?
- A. Step-by-step guidance and support on the task were provided by the teacher.
 - B. The teacher adopted an effective and efficient instructional design on the task.
 - C. The teacher attempted to build the confidence of the students on the task.
 - D. The teacher gave prompt feedback to the students on the task.
69. A teacher discovered that a learner was gifted and consistently performed better than his colleagues. Which one of the following actions would you encourage the teacher to take?
- A. Conduct more summative assessments for the gifted learner in the classroom.
 - B. Exempt the learner from group projects.
 - C. Frequently conduct needs assessment for the gifted learner in the classroom.
 - D. Give the learner challenging assessment tasks and provide feedback.
70. A teacher wanted to know how a learner who recently received an intervention on a topic in mathematics was improving over the academic year after engaging the learner in a series of classroom exercises. What would be the best advice you will give to the teacher in making this judgment?
- A. Carry out a trend comparison of the learner's achievement on all the different classroom assessments.
 - B. Compare the learner's assessment scores with the brilliant learners' scores on the different classroom assessments.
 - C. Compare the learner's assessment scores with the poor students' scores on the different classroom assessments.
 - D. Compare the scores of the learner with the scores of his colleagues on all the different classroom assessments.

LITERACY QUESTIONS

Choose from the alternatives A – D the one that best completes each of the sentences.

71. The proprietor and headmaster of the school at last year's induction ceremony.
- A. was
 - B. were
 - C. is
 - D. are

72. More than one teacher needed for this academic year.

- A. is
- B. have been
- C. are
- D. has been

73. The students answered the questions according they were instructed by their teacher.

- A. to
- B. as
- C. with
- D. against

74. A committee has been constituted to look into the matter,?

- A. hasn't it
- B. haven't they
- C. won't it
- D. won't they

Choose from the alternatives lettered A –D one which represents the active form of the statement.

75. The Professional General Knowledge paper is being written today by candidates.

- A. are writing
- B. are being writing
- C. are to write
- D. will write

Choose from the alternatives lettered A –D one which represents the active form of the statement.

76. The case is being presided over by the new magistrate.

- A. presides
- B. has presided

- C. presided
- D. **is presiding**

Choose from the alternatives lettered A-D, one which is nearly opposite in meaning to the words italicized.

77. Kwesi *claimed* his portion of the property.

- A. **forfeited**
- B. concealed
- C. retrieved
- D. Roasted

Choose from the alternatives lettered A-D, one which is nearly opposite in meaning to the words italicized.

78. We planned to meet him just after his *coronation*, but we never saw him until his ...

- A. **ousting**
- B. confirmation
- C. suspension
- D. enthronment

Read the passage below and answer question

¹Uncle Joe, like many others, does a 30-minute exercise every day. ²This every day activity is done to ensure that he stays healthy continuesly throughout the rest of his life. ³Uncle Joe thinks exercising is a benchmark for good health. ⁴He forgets that exercising alone are not enough. ⁵Good eating habit can equally be considered too.

79. In which sentence is a word wrongly separated?

- A. Sentence 1
- B. **Sentence 2**
- C. Sentence 3
- D. Sentence 4

80. Which sentence contains a wrongly spelt word?

- A. Sentence 1

- B. Sentence 2
- C. Sentence 3
- D. Sentence 4

81. Identify the sentence which contains a concord error.

- A. Sentence 1
- B. Sentence 2
- C. Sentence 3
- D. Sentence 4

COMPREHENSION

Carefully read the passage below and use it to answer the question

Julius came out of the staff common room leaving the principal and the headmaster behind. He walked with defiant limp straight into his classroom. He knew that three hundred pairs of eyes were looking at him from several windows. He could hear cheering hisses but he despised them all. He felt tall. The class teacher who was also the headmaster was still in the staff room. The boys stood up and gathered around him. He was disappointed that the girls did not rush to him as the boys had done. They fired barrels of questions at him but he did not appear eager to answer any. He knew they must know the details by now and be anxious to hear the end of it. But he would not give it to them yet. They must see him as he truly was. They must completely forget all the impressions they had gathered on the football field and on the race track. Then, he told himself that he must not look serious because if they discovered the truth, they might think he was crying for himself. He was a hero and heroes are to be admired not pitied. 'They just told me to go home and never come back'. There was stunned silence. Julius noticed a crumpled look come onto Dora's face and quickly said, 'Oh, it was only a joke'. Then, there was a sigh of relief and everybody was laughing with him. Julius felt happy because they did not yet know the truth. He laughed carelessly. (Culled from *Ogundipe and Tregido: Practical English Course Book 3*)

82. Why was Julius not eager to answer his classmates' questions?

- A. He was stubborn.
- B. He did want them to know.
- C. He knew they had the details.

D. He was warned not to disclose the details.

83. Why did mates heave a sigh of relief when he told them he was only joking?

A. He had been a good student.

B. They did not want him dismissed.

C. He told them the news in class.

D. They cheered him up.

84. How would you interpret the students' silence when Julius said, "They just told me to go home and never come back." They were

A. cooperative

B. stunned

C. bored

D. embarrassed

85. Explain this word as used in the passage: defiant

A. deviant

B. submissive

C. disrespectful

D. indifferent

86. Explain this word as used in the passage: eager

A. anxious

B. dispassionate

C. apathetic

D. ambitious

ESSAY

10MARKS

Write an essay of 200 words on the topic below

There has been a protracted conflict between the community and the school you have been posted as a head teacher. Write a speech you would deliver during your maiden PTA meeting suggesting two measures to address the problem.

A

Ghana's Most Reliable Online Teacher Licensure Examination

Join and pass with ease

You can't fail

0540770189

Alasca

YouCan'tFail

ALASCA@GTL E-0540770189