

GENERAL PROFESSIONAL KNOWLEDGE PAPER

ESSENTIAL SKILLS

PART 1

This part of the paper consists of 40 multiple-choice questions with four options lettered A to D. Read and evaluate all four options and circle the letter of the correct or best answer.

1. A teacher assigns roles to both males and females learners equally, such as classroom monitors or board monitors. What kind of quality is the teacher instilling in the students?
 - a. Basic classroom roles
 - b. Delegative roles
 - c. Democratic roles
 - d. Leadership roles**

2. A professional teacher in a basic school says. "Henceforth, I will think critically about the teaching and learning activities I take my students through in every lesson to improve upon my practice". Which of the following strategies is she most likely to adopt to achieve her objective?
 - a. Let her students assess the effectiveness of her lessons
 - b. Make her lesson objectives very clear and appropriate
 - c. Take a video of her lessons to assess later
 - d. Use a variety of teaching and learning resources**

3. A circuit supervisor was asked by his district director to give a talk at workshop for teachers on why a teacher needs to engage in lifelong learning. Which of the following is he likely to advance strongly in his presentation? Lifelong learning
 - a. encourage learners to study hard
 - b. enhances subject mastery
 - c. improves practice**
 - d. makes teachers active

4. A learner in a lower primary class is not punctual and regular at school. As a professional teacher, how will you help to change the learner's behavior?
 - a. **Engage with her parents to ascertain the causes of the problem**
 - b. Formulate rules and regulations to guide the learner's behavior
 - c. Inform the headmaster about the learner's behavior
 - d. Keep up-to-date of her behavior

5. A teacher often addresses one of the female students in his class as 'sweetie' and 'my dear'. The student has consistently expressed her displeasure about the teacher's conduct, but to no avail. The conduct of the teacher is tantamount to
 - a. gender bias
 - b. sexual favour
 - c. **sexual harassment**
 - d. threatening behavior

6. The Government of Ghana introduced the school feeding programme in some public schools. In which of the following ways has the policy had the greatest impact on the education system?
 - a. Children are able to go to school without eating
 - b. Expansion on school infrastructure
 - c. **Increase in the number of pupils in schools**
 - d. Teachers now teach better

7. A professional teacher who has a good personality and mastery of content, but lacks the ability to teach well to students' understanding is said to lack
 - a. action system
 - b. **pedagogic-system**
 - c. subject matter
 - d. technical

8. A teacher decides to use negative reinforcement to motivate his students. Which of the following activities is he most likely to use to achieve this?
 - a. Give rewards
 - b. Introduce punishments
 - c. Remove barriers
 - d. **Withhold privileges**

9. A graduate teacher in her new class decided to investigate her learners' background before teaching a new lesson. Which one of the following actions would be the best for her to take to ascertain her learners' background?
 - a. Interview the learners

- b. Use appropriate materials
 - c. Vary her methodologies
 - d. **Visit the learners' homes**
10. A child complains to you that she cannot see what is written on the board well. One of the following strategies will you adopt to help the child?
- a. Buy eye drops for the child to use
 - b. **Change the seating position of the child**
 - c. Repeat information you write on the board
 - d. Speak a bit louder to the hearing of the class
11. A teacher observed that whenever she was teaching, a learner in the class looked keenly at her lips or asked other learners close to him for explanation. Which one of the following measures will be the least appropriate to help the learner?
- a. Guide the learner to choose a suitable seating position
 - b. Seat the learner in front of the class
 - c. Speak loudly whenever she is teaching
 - d. Support verbal explanation with teaching aids
12. A teacher was asked to conduct a test and submit the names of students who obtained 50% and above to the district office for a scholarship. What type of test is the teacher supposed to use?
- a. Criterion-referenced test
 - b. Formative test
 - c. **Norm-referenced test**
 - d. Summative test
13. A teacher used extended type of essay to assess his students performance. What will be the major advantage of using extended response essay item in the classroom?
- a. Covering wide content area
 - b. **Guessing is eliminated**
 - c. Items are difficult
 - d. Boring is objective
14. As a rule, All teachers must endeavor to create safe and encouraging learning environment to foster children's learning. Which one of the following should a teacher adopt to ensure a safe and encouraging learning environment?
- a. **Avoid making a derogatory remarks about children**
 - b. Direct parents on how to handle their children
 - c. Maintain strict code of behavior of children
 - d. Provide children with a list of what they should not do

15. A teacher planned to develop some strategies to enable her to attract learner's attention to the lesson. Which of the following will not be an appropriate option for her to consider?
- Giving constructive feedback
 - Giving homework to learner**
 - Giving attention to weak learners
 - Tailoring instruction to specific learners
16. Which one of the following behaviors should be avoided when a teacher wants to effectively manage classroom activities?
- Encourage learners who put up good behavior in the classroom
 - Establishing classroom rules and regulations together with the learners
 - Indicating expectations at the end of the lesson**
 - Punishing undesirable behavior in the classroom
17. Which one of the following reasons would best explain why a teacher will use the demonstration method?
- It does not take a lot of instructional time
 - It helps learners to be active during teaching
 - It provides learners with real-life experience of events**
 - It ensures active learner participation
18. The statement 'A student obtained 81% in a test and won second prize' is an example of
- Criterion-reference interpretation of test score
 - Formative evaluation of teaching and learning
 - Norm-reference interpretation of test scores**
 - Summarize evaluation of teaching and learning
19. Which one of the following concepts best describes a teacher who dresses well, and treats all persons fairly to the admiration of his colleagues?
- Hardworking
 - Professional teacher
 - Responsible teacher
 - Role model**
20. If a teacher who holds a Diploma Certificate in Basic education decides to acquire a Bachelor of Education degree, she is seeking for
- personal development
 - professional development**

- c. professional knowledge
 - d. teaching skills
21. In the current education reforms, the system of education has been sub-divided into five key phases. What constitutes phase 4?
- a. Foundation level comprising KG1 and KG2.
 - b. Junior High School level of B7 to B9**
 - c. Primary level of B1 to B6
 - d. Senior High School level of SHS1 to SHS 3
22. Which stage of a lesson is the most appropriate for introducing instructional materials?
- a. At any stage**
 - b. Delivery stage
 - c. Evaluation stage
 - d. Introduction stage
23. A teacher taught his learners how to calculate the area of a triangle. He then wrote questions on how to calculate the perimeter of a triangle. What is wrong with the teacher's questions? The question lacks..... validity
- a. construct
 - b. content**
 - c. criterion
 - d. face
24. A newly posted teacher who is ridiculed in her class by her learners should
- a. apply punitive measures
 - b. change her class after consulting with the headteacher
 - c. give the learners a threat of expulsion
 - d. improve her qualities and express them in a good way**
25. A circuit supervisor visited a school and asked a class teacher to teach for him to observe. During the lesson delivery, the teacher wrote on the board a set of questions based on the topic and asked the students to answer them. The circuit supervisor queried the teacher because he thought the teacher was doing the wrong thing. Which knowledge of assessment does the circuit supervisor lack?
- a. Assessment as learning
 - b. Assessment for learning**
 - c. Assessment of learning
 - d. Summative assessment.

26. A professional teacher decides that she wants to identify her learners' entry behavior before starting a new lesson. Which one of the following activities is she most likely to engage in?
- a. Ask learners questions about the new lesson
 - b. Develop a comprehensive lesson plan for teaching
 - c. Let the learners sing a song about the new lesson
 - d. **Relate lesson objectives to learners' previous knowledge.**
27. Differentiated instruction is likely to be the most effective method for promoting all learners' learning when
- a. Learners actively engage in learning during small-group activities
 - b. Learners demonstrate a wide range of interests and abilities within a given content area
 - c. Learners' have limited background about the topic of an upcoming unit
 - d. **Pre-assessment results indicate that learners as a group show similar gaps in their content-area learning**
28. The type of evaluation that monitors learning progress is known as evaluation
- a. diagnostic
 - b. **formative**
 - c. outcome
 - d. summative
29. Which of the following is not an attribute of effective teachers?
- a. Being fair and firm in dealing with learners
 - b. **Being receptive to all learners' behavior**
 - c. Having realistic perceptions about themselves and their learners
 - d. Holding positive expectations of their learners
30. To ensure effective interaction and understanding among learners, a teacher used mixed and same ability grouping. What kind of learning strategy was the teacher trying to encourage?
- a. **Collaborative learning**
 - b. Co-operative
 - c. Discovery learning
 - d. Intuitive learning
31. Which of the following purposes of assessment is often associated with a letter grade or number? Assessment learning
- a. As
 - b. For

- c. From
- d. Of**

32. A student obtained 26 in an examination, if the standard error of measurement is 5, the student's true score probably lies A. 5 and above.
- a. 5 and above
 - b. Between 21 and 31**
 - c. Between 21 and 26
 - d. Between 20 and 30
33. A student's observed score in a quiz was 72. It is known that the error score for the quiz was 5. What is an estimate of his true score?
- a. 15
 - b. 72
 - c. 67**
 - d. 77
34. A teacher used essay type test to assess his students. What will be his major disadvantage of using essay type test in the classroom?
- a. Guessing is eliminated
 - b. Items are difficult to construct
 - c. Results are difficult to interpret
 - d. Scoring is subjective**
35. The process of collecting information to help the teacher decide the degree to which his/her students have achieved the learning objective he has set is
- a. Assessment**
 - b. Evaluation
 - c. Measurement
 - d. Test
36. The type of evaluation where testing becomes an integral part of the instructional or educational process is
- a. Summative
 - b. Norm-referenced
 - c. Formative**
 - d. Criterion-referenced

37. Davin was assessed by the school counselor and was found not to be ready for class 1 work. The school suggested that Davin looks elsewhere for his primary education. What type of decision did the school make
- a. Certification
 - b. Classification
 - c. Placement
 - d. Selection**
38. Which of the following tasks in school-Based Assessment (SBA) is administered as a project exercise of a term?
- a. Task 1
 - b. Task 2
 - c. Task 3
 - d. Task 4**
39. All the following are behaviours teachers are expected to exhibit to show signs of a good role model for learners except
- a. Creating rapport with learners
 - b. Committed to learners' progress
 - c. Concerned with peers' interaction**
 - d. Interaction in learners achievement
40. Sir Gabby, a class four teacher measures a specific trait of his pupil. Which of these concepts was adopted?
- a. Assessment
 - b. Evaluation
 - c. Measurement
 - d. Test**

PART II: NUMERACY

This part of the paper consists of 30 multiple-choice questions with four options lettered A to D. Read and evaluate all four options and circle the letter of the correct or best answer.

41. Lawrencia 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. 26.6
 - b. 28.0
 - c. 28.7

d. **29.0**

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

- a. 322.3
- b. **323.3**
- c. 323.0
- d. 324.0

43. Mavis recorded a mean score of 24 on five tests. What should she score on the sixth test to bring her mean score up to 26?

- a. 30
- b. 32
- c. **36**
- d. 40

44. A school wants to fence its rectangular playing field measuring 118m by 92m with wire mesh. How many meters of wire mesh will be needed to complete the fencing?

- a. 200m
- b. 410m
- c. **420m**
- d. 440m

45. Patricia bought three items priced at GH65.50, GH36.45 and GH15.78. She paid with three GH50.00 notes. How much change did she receive?

- a. **GH32.27**
- b. GH32.73
- c. GH33.27
- d. GH33.73

46. The sum of the ages of Saviour and Paul is 30 years. Saviour is 4 years older than Paul. How old is Paul?

- a. 19 years
- b. 17 years
- c. **13years**
- d. 11years

47. A pool with a rectangular base 10 meters by 3 meters is 2 meters deep. What is the volume of water in the pool when it is half full?

- a. **30m³**
- b. 40m³

- c. 60m^3
- d. 80m^3

48. When twice a certain number is subtracted from four, the result is the same as twice the number. What is the number?

- a. **1**
- b. 2
- c. 3
- d. 4

49. How many hours will it take a motorist to cover 160 kilometers travelling at an average speed of 80km every hour?

- a. **2 hours**
- b. 4 hours
- c. 6 hours
- d. 8 hours

50. Gabby had 56 marbles and gave $\frac{3}{8}$ of them to Felicia. He later gave some of the remaining to Success and had 18 marbles left. How many marbles did he give to Success?

- a. 35
- b. 21
- c. **17**
- d. 12

51. The area of a square-shaped garden is 121m^2 . What is the perimeter of the garden?

- a. 11m
- b. 22m
- c. 30m
- d. **44m**

52. A school bought 4 litres of liquid soap and used it to refill some 500-millilitre empty bottles. How many of these empty bottles were filled?

- a. 6
- b. 7
- c. **8**
- d. 9

53. Law cut off 20% out of a string $3\frac{1}{2}$ m long and gave it to her friend. What is the length of the remaining string in centimeters?

- a. 250m
- b. 260m

- c. 270m
- d. 280m**

54. An operation machine doubles any number that is put into it and then subtracts 5. What would be the result if 17 is put into the machine?

- a. 24
- b. 26
- c. 27
- d. 29**

55. Express 3m and 24cm in kilometers

- a. 3.24km
- b. 0.00324km**
- c. 0.324
- d. 32.4km

56. Simplify $-27+18-(10-14)-(-2)$

- a. -3**
- b. -7
- c. -11
- d. -35

57. An amount of money was shared between Kofi and Ama in the ratio 3:5 respectively. If Ama received GH650.00. What was Kofi's share?

- a. GH390.00**
- b. GH550.00
- c. GH1040.00
- d. GH743.00

58. A woman bought 210 oranges for 65 Ghana cedis. She sold all of them at 3 for 2 cedis. How much profit did she make?

- a. 35 cedis
- b. 45 cedis
- c. 65 cedis
- d. 75 cedis**

59. If the ages of ten pregnant women in a maternity clinic are 26, 23, 24, 27, 26, 21, 22, 25, 23, 23. Find the mean age

- a. 34 years
- b. 14 years
- c. 23 years
- d. 24 years**

60. What is the average (arithmetic mean) of all the multiples of ten from 10 to 190 inclusive?
- a. 90
 - b. 95
 - c. **100**
 - d. 105
61. If $x*y=2x+3y-xy$, then $5*3$ is equal to
- a. **4**
 - b. 6
 - c. 8
 - d. 10
62. After an algebraic expression lesson, your learners wrote the phrase 'the product of 5 and the sum of a and b' using symbols is
- a. $5+a+b$
 - b. $5+a*b$
 - c. **$5(a+b)$**
 - d. $5a+b$
63. Lines are drawn to intersect two lines and the number of points of intersection counted and recorded. What would be the number of intersections for the 100th term.
- a. 100
 - b. **200**
 - c. 300
 - d. 400
64. Ato is 5 years older than Musa, and Esi is twice as old as Ato. The total of their ages is 103 years. Find Musa's age.
- a. 12
 - b. **22**
 - c. 32
 - d. 42
65. Abena bought $\frac{2}{3}$ grams of flour of an Olonka container and used $\frac{1}{4}$ grams of it for each loaf of bread. Which of the following expressions depicts the number of loaves of bread she can produce?
- a. $\frac{2}{3}+1/4$
 - b. $\frac{2}{3}-1/4$
 - c. $\frac{2}{3}*1/4$

d. $2/3 \div 1/4$

66. Find the mode for the data set 5,7,8,7,6,4,3,4

- a. 4
- b. 7
- c. 5 and 6
- d. **4 and 7**

67. A teacher in an upper primary class explained a concept as the measure of the distances round a closed plane figure. Which concept is this?

- a. Area
- b. Capacity
- c. **Perimeter**
- d. Volume

68.

6	7	8	9	10	11	12	13
4	3	1	3	6	2	4	2

Calculate the mean age from the above table

- a. 1.00
- b. 3.04
- c. 4.94
- d. 9.44

69. The value of the digit 5 in the number 2265999

- a. Fifty
- b. Five hundred
- c. **Five thousand**
- d. Five million

70. Which of these numbers 245, 242, 142, 225 is divisible by 3?

- a. 142
- b. **225**
- c. 242
- d. 245

PART: LITERACY

This part of the paper consists of 20 multiple-choice questions and one essay question to be answered on the paper

For questions 71-74, choose from the alternatives A-D the one that best complete each of the sentences.

71. "Don't make Of spelling mistakes."
a. a loft
b. a lot
c. allot
d. alot
72. My friend and benefactor come for a visit now.
a. are
b. had
c. has
d. were
73. Nowadays many people frown Smoking
a. at
b. to
c. upon
d. with
74. The oxen lay on bare floor,?
a. didn't they
b. don't they
c. didn't it
d. isn't it

For questions 75 and 76, choose from the alternatives lettered A-D one which represents the passive form of the statement.

75. The students were eating the food. This means that the food by the students.
a. has been eaten
b. is being eating
c. was being eaten
d. was eating

76. Araba buys food stuffs from this shop. Food stuffs from this shop by Araba.
- a. **Are brought**
 - b. Food stuffs are being bought
 - c. Food stuffs were bought
 - d. Have been bought

For questions 77 and 78, choose from the alternatives lettered A-D, one which best represents the direct speech form of the indirect speech.

77. When Saviour was asked if he had ever been to church, he replied, "I attend church every Sunday". Saviour said church every Sunday
- a. he attended
 - b. **he attends**
 - c. I attend
 - d. I attended
78. Gabby's father has observed that he had been absent from school for two days. On the third day, his father asked him, "Do you want to go to school today?" Gabby's father asked him if he
- a. **wanted to go to school that day**
 - b. wanted to go to school today
 - c. wants to go to school that day
 - d. wants to go to school today.

For questions 79 and 80, choose from the alternatives lettered A-D, one which means the same as the underlined expression.

79. The pupils grumbled about the assignment.
- a. bothered
 - b. **complained**
 - c. talked
 - d. questioned
80. Afia rose to the occasion when she was called to give the vote of thanks. This means she
- a. got up promptly to speak
 - b. **proved she could do well**
 - c. trembled all over
 - d. accepted the offer

For questions 81 and 82, choose from the alternatives lettered A-D, one which is nearly opposite in meaning to the words underlined.

81. He seldom comes here.

- a. Never
- b. Sometimes
- c. Rarely
- d. **Always**

82. My father was a very stout man

- a. handsome
- b. short
- c. **lean**
- d. ill

Read the passage below and use it to answer questions 83-85

¹After I had shown him the price tag; the cashier in my neighbor hood conceded that he had made a mistake. ²There was sufficient evidence on the face of the receipt. ³He then offered to refund the difference. ⁴In fact, this brought a smile on my face.

83. Which sentence contains an error in punctuation?

- a. **Sentence 1**
- b. Sentence 2
- c. Sentence 3
- d. Sentence 4

84. Which sentence contains an error in spelling?

- a. Sentence 1
- b. **Sentence 2**
- c. Sentence 3
- d. Sentence 4

85. Which sentence contains a word that is wrongly separated?

- a. **Sentence 1**
- b. Sentence 2
- c. Sentence 3
- d. Sentence 4

Carefully read the passages below, and use it to answer questions 86 to 90

Have you ever watched two dogs fighting? The scene is both interesting and terrifying. I once watched two dogs, Whisky and Sandy fighting. Whisky was a brown dog with white hair around his eyes. This made him look very fearful. He was often running after lizards and barking at strange things and visitors. Sandy, on the other hand, was a black dog with white legs and face. He was gentle and friendly to both adults and children.

When the fight started, everyone thought Sandy would be no match for Whisky. Whisky was the first to attack. He jumped up with his fore-legs raised, mouth wide open and gripped the back on Sandy's neck with his sharp teeth. Sandy went down Whisky on top of him. Sandy *played it cool* as if he did not feel any pain. The spectators believed the more aggressive Whisky had won the fight.

Suddenly, *the tide turned*. Sandy got hold of one of Whisky's hind legs and bit it hard as if breaking a bone. Whisky felt the pain and as he opened his mouth to yelp, Sandy broke free.

As Whisky was about to attack again, Sandy jumped on his back and held his throat. Down he went on his back. The crowd then cheered, Sandy! Sand-dy!! San-dy!!!

Feeling very proud, Sandy released Whisky and ran away with his tail between his legs. Sandy had won the fight.

86. According to the passage when one comes across two dogs fighting, one
- a. **becomes both attracted and frightened**
 - b. must run away from them
 - c. must hit their necks with a stick
 - d. must shout to separate them.
87. The spectators thought Whisky had won the fight because he
- a. had once attacked and defeated lizard
 - b. knew how to fight
 - c. was able to jump than Sandy
 - d. **pushed Sandy to the ground.**
88. Whisky was defeated because Sandy
- a. had the support of the crowd
 - b. bit his legs
 - c. **held his throat**
 - d. turned the tide
89. Sandy *played it cool* means that Sandy

- a. Enjoyed the fight
- b. Felt very cold
- c. Did not bark
- d. **Remained undisturbed**

90. *The tide turned* as used in the passage means

- a. **The situation changed**
- b. It became windy
- c. The weather became more violent
- d. The fight became more violent.

ESSAY
(10 MARKS)

Write an essay of 200 words on the topic below:

**As a headteacher write an article for publication in the Junior Graphic on the topic:
“Why candidates should not cheat in examinations”.**