

**TEACHERS COLLEGES OF JAMAICA
BACHELOR OF EDUCATION
DECEMBER 2018 EXAMINATIONS
COMMON PAPER
EDUCATION
ASSESSMENT IN EDUCATION
[ED301PCB]**

YEAR 3

TIME: 2 HOURS

PRI/SEC/SP.ED

INSTRUCTIONS: Candidates are required to answer ALL questions in Sections A and B, and THREE questions from Section C.

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO.

SECTION A

Circle the letter that correspond with the correct answer.

1. The continuous cycle of collection, appraisal and use of information to help educators make decisions to improve teaching and learning can be defined as
 - a) assessment.
 - b) evaluation.
 - c) measurement.
 - d) observation.

2. Performance assessment is preferred to traditional assessment because it
 - i. allows us to view products.
 - ii. allows for easier preparation of tasks.
 - iii. allows us to view process.
 - iv. allows us to see process and product.
 - a) i only
 - b) ii) only
 - c) i, ii and iii
 - d) iv only

3. A test can best be described as
 - a) a set of items or tasks designed to be administered to one or more candidates under specified conditions.
 - b) a form of assigning numerical values to an idea, object, characteristics or performance.
 - c) the process of assigning numbers scores to data.
 - d) a form of making a judgement about the worth of students' product or performance.

4. The Grade Nine Achievement test is designed to
 - i. assess students' proficiency.
 - ii. provide feedback for correctiveness.
 - iii. ensure selection in a special program.
 - iv. place students.
 - a) i only
 - b) ii only
 - c) i , ii & iii only
 - d) i, ii, iv only

5. The Grade Nine Achievement Test can be described as which form of Assessment?
 - a) Diagnostic
 - b) Summative
 - c) Formative
 - d) Placement

6. A test can be described as valid
- if the tasks provide inadequate sample of achievement to be assessed.
 - depending on the degree to which students' results remain consistent over replication of assessment procedure.
 - if it measures what is intended to be measured.
 - if it is manageable.
7. Jane compares her average with that of the school's average. This is an example of
- group reference.
 - norm reference.
 - criterion reference.
 - alterative assessment.

Use the following table to answer the questions 8 and 9.

Scores	10	12	13	15	35	15	18	22	19	25

8. What is the mean score?
- 18.1
 - 18.4
 - 18.2
 - 18.3
9. The median of distribution is
- 15
 - 16.5
 - 18
 - 19.5
10. Miss Jennings is constructing a teacher-made test. She would like to use questions that allow students to supply the answer. Which of the following would you recommend to her?
- Short responses
 - Extended responses
 - Multiple Choice
 - Alternate Response items

11. All of the following are advantages of multiple choice EXCEPT that it
 - a) places a high degree of dependence on student reading ability and teacher writing ability.
 - b) is easy to score.
 - c) gives versatility in measuring all levels of cognitive abilities.
 - d) provides substantial amount of course material to be sampled in short time.

12. Mrs. Brown is constructing a table of specifications for the students' end of term exam. She wants to test her students higher order ability. Which types of items would most likely have the highest mark as a single item on the test?
 - a) Objective Items
 - b) Short Answers
 - c) Restricted Essay Items
 - d) Extended Essay Items

13. To ensure the reliability and validity of essay scores it is best to do all the following EXCEPT to
 - a) grade all responses for each question before moving on to the next.
 - b) prepare some type of scoring guide.
 - c) score penmanship, neatness, spelling and mechanics in collaboration with subject matter.
 - e) evaluate without looking at the students' names.

14. The Student Assessment Unit at the Ministry of Education uses results from assessment to do all the following EXCEPT
 - a) to identify curriculum deficiencies.
 - b) to determine programme strength.
 - c) to provide feedback to students.
 - d) to dismiss education officers.

15. Which test relates the students' scores to a domain of knowledge?
 - a) Criterion
 - b) Norm- referenced
 - c) Placement
 - d) Diagnostic

16. Which type of Portfolio shows a collection of students work on anything related to the course?
 - a) All-inclusive portfolio
 - b) Developmental portfolio
 - c) Show case portfolio
 - d) Evaluation portfolio

17. An advantage of using project over a portfolio is that
- it is adaptable to various areas of instruction and uses realistic problems.
 - it provides an opportunity for students to engage in self-reflection and self-assessment.
 - it is useful for showing progress over a term or year.
 - it is less time consuming.
18. The digestive process goes through many steps. Mr Brown wants to assess his fourth year biology students to see if they have an understanding of the process of digestion. Which test form would you suggest he use?
- Short answer
 - Matching
 - Multiple choice
 - True or false
19. Judging the quality of students' achievement during the learning process is known as
- measurement.
 - synthesis.
 - formative evaluation.
 - summative evaluation.
20. Mrs. Wright decided to administer a mock test to determine the learning progress of the students in her grade thirteen Applied Mathematics class. Which type of assessment is she engaged in?
- Measurement
 - Diagnostic
 - Formative evaluation
 - Summative evaluation
21. Mrs. James is the principal of a newly established school. She is guided by the constructivist approach to teaching and learning. Which of the following would be emphasized in this instruction?
- Assessment for learning
 - End of year examination
 - Assessment of learning
 - End of unit assessment
22. Which of the following is MOST susceptible to students guessing?
- Alternate items
 - Multiple choice
 - Short answer items
 - Matching

23. Miss Gabriel spends two days quantifying and assigning numbers to students' performance for the previous week. She was involved in
- evaluating students' performance.
 - measuring students' performance.
 - assessing students' performance.
 - interpreting students' performance.
24. The National Examination that is administered to Grade 1 students is used for the purpose of
- summative assessment.
 - diagnostic assessment.
 - alternative assessment.
 - formative assessment.
25. Your Head of Department has decided that you need to present the examination paper you wrote in order to ascertain whether it aligns to the objectives taught. She is seeking to determine
- concurrent validity.
 - content validity.
 - criterion validity.
 - face validity.
26. *Standard deviation* is a measure of
- variability.
 - correlation.
 - central tendency.
 - frequency distribution.
27. Which of the following best describes *differentiated instruction*?
- It is the same as scaffolding.
 - It addresses the varied needs of students.
 - It is instruction with a difference.
 - It differentiates poor student from good students.
28. Mr Allen is concerned that his son has been described as an average student compared to the other students in the class. You could address his concerns by explaining that
- average is a measure of ranking.
 - average is a measure of differentiation.
 - average is a criterion referenced position.
 - average is a measure of norm referencing.

29. Which of the following procedures will help to ensure that a teacher's use of assessment is fair and accurate?
- Administer tests whenever learners are ready.
 - Give students varied opportunities to demonstrate understanding.
 - Have all students complete self-assessments.
 - Offer students extra time for task completion.
30. What type of essay is Mrs. James using if she asks her students to 'Discuss the impact of the legalization of ganja in Jamaica'?
- Restricted response.
 - Extended response.
 - Formatted response.
 - Open response.
31. All college examinations are submitted to external examiners for second marking. This is an example of
- alternate form reliability.
 - split half reliability.
 - inter rater reliability.
 - test re-test reliability.
32. Which of the following instructional objectives is most appropriately stated?
- Explain one domestic use of water.
 - Learn the letters of the alphabet.
 - Realize the importance of tourism.
 - Develop an understanding of poetry.
33. Mrs. Josephs has decided to create a test for her Mathematics class. Which of the following would be most useful in ensuring that she creates her test properly?
- Table of specification
 - Lesson plan
 - Curriculum guide
 - Students' journals
34. The Vice- Principal is of the view that those students who score an A in CAPE Mathematics will outperform their counterparts in the algebra course at the University. This type of validity evidence is referred to as
- Concurrent Validity.
 - Construct Validity.
 - Predictive Validity.
 - Content Validity.

35. The first step in test planning is to
- construct the table of specification.
 - select the content to be tested.
 - determine the type of items to be used.
 - classify the objectives to be measured.
36. Which of the following is TRUE of assessment that reflects a constructivist approach?
- Problems are posed in various ways.
 - Students' responses must conform to strict guidelines.
 - The items on the instruments are compulsory.
 - Responses must be directly related to class notes.
37. Which of the following would an instructor use to give a brief and clear description of what is expected by the instructor when an assignment is given?
- Rubric
 - Checklist
 - Rating scale
 - Running records
38. What is the most important reason for encouraging the use of authentic assessment?
- It is easily analysed and documented.
 - It encourages students' participation.
 - It measures real life skills.
 - It adds interest.
39. A good distracter in a test item is one which attracts
- more students from the upper-ability group than lower group.
 - all the students who responded to the item.
 - more students from the lower group than the upper group.
 - an equal number of students.
40. The median for a set of scores is 65. This means that
- 65% of the scores fall below 65.
 - 65% of the scores fall above 65.
 - 50% of the scores fall above 65.
 - 50% of the scores is 65.

SECTION B

Complete ALL items in this section.

Short Answer Questions

1. The table below represents the responses of students in the upper and lower criterion groups to a four option multiple choice item for which alternative D is the correct answer.

Alternative	Upper Group	Lower Group
A	8	13
B	0	0
C	4	11
D*	24	12
	36	36

- a) Calculate the difficulty level of the item. (1 mark)
- b) Calculate the discrimination index of the item. (1 mark)
- c) Comment on the difficulty and discrimination results. (1 mark)
- d) Which group alternative would you revise? Indicate a reason for your answer. (2 marks)

CONTINUE ON TO THE NEXT PAGE.

SECTION C

Answer any **THREE** items from this section.

1. i) Miss Brampton is a new teacher and expresses the view that stopping to obtain and use feedback in the classroom is a waste of time. Explain to her **TWO** important uses of feedback. (4 marks)
ii) Feedback should be more than just a score or a grade. Give an example of good feedback. (1 mark)
2. i) Imagine that you are conducting a summative assessment for a subject of your choice. State **TWO** things you would consider while setting the test to ensure freedom from offensiveness. (4 marks)
ii) Explain **ONE** of the measures you will take while marking the test to ensure that the marks awarded are reliable. (1 mark)
3. Mrs Brown, a new teacher, is unsure about how to incorporate formative and summative assessment in the classroom. When asked, she boldly indicated that she did not know the difference between the two forms of assessment. As a veteran teacher, you are asked to mentor Mrs. Brown.
i) Differentiate between *formative* and *summative* assessment for Mrs Brown. (2 marks)
ii) Give **ONE** reason why formative assessment is important to **EACH** of the following three stakeholders below:
(a) Administrator
(b) Teachers
(c) Parents (3 marks)
4. The Ministry of Education has decided to implement a new assessment for grade six students called the Primary Exit Profile. As a part of this assessment students will have to complete a performance task. In order to grade these tasks rubrics are created.
Differentiate between the *analytic rubric* and the *holistic rubric*, and cite **TWO** strengths and **ONE** weakness for each. (5 marks)

END OF EXAMINATION