

Everblue Paper 19 August 2023

Objective

- 1) What are the Similarities and Differences between the Process of cell division in meiosis and mitosis. Is an example of which of the following type of items Restricted Response type
- 2) Scoring is a time consuming Process in marking of Essay type answers.
- 3) Identify the value of item difficulty for most difficult test item 0.3
- 4) How many types of essay questions are there two
- 5) How many general methods can be used for Scoring rubrics of essay type items (one, two, three, Four) ✓
- 6) Which of the following is activity developed by students' rubric.
- 7) Which of the following is the type of Portfolio is often used to share a record of students best achievements throughout the sessions?
([Ⓐ]Growth [Ⓑ]Showcase [Ⓒ]Competence [Ⓓ]Achievement) ✓
- 8) Which of the following serves as a form of summative assessment ([Ⓐ]Port [Ⓑ]Homework [Ⓒ]In-class activity [Ⓓ]Testing) ✓
- 9) Scoring of items is a time consuming and difficult process for which of the following types of questions? Essay.
- 10) Which of the following is the advantage of

Short questions? Are easy and rapid to score

- 11) In which of the following items are three or more choices from which an examinee is required to choose the correct one is given in MCCQ
- 12) Following use of the Usefulness of completion question EXCEPT Measure complex learning outcomes
- 13) Which of the following items are best to measure higher order learning skills Subjective
- 14) Which of the following type of rubric is appropriate to measure student's abilities to synthesize when no definite answer can be pre-specified Holistic
- 15) Which of the following type of rubric is helpful for more consistent scoring across student and grade Analytic (Topic 131)
- 16) Which of the following is the first step to design a rubric Identify a learning goal.
- 17) Which of the following items is the best measure to avoid guessing in a structured test Fill in the blank
- 18) Which of the following element of rubric identify the feature, traits or dimension to be measured Criteria
- 19) Which of the following advantage of holistic

Rubric over analytic rubric. Consistent Scoring

- 20) Which of the following items a teacher can use when supplying information is required instead of simple recognition. Restricted Response ~~Assembling test~~
- 21) Which of the following is Not one of the benefits of keeping test items and options on the same page Assembling test
- 22) Which of the following measure the extent of students learning in a given content type area? Restricted Response essay type
- 23) Zero is a raw score indicates no ability
- 24) Which type of test typically designed for norm-referenced interpretation. Individual score
- 25) Identify the excellent item from given values of item discrimination 0.48
- 26) Identify the acceptable item from given values of item discrimination 0.29
- 27) Identify the values of item difficulty for easiest test item 1.0
- 28) Identify the excellent item from given values of item discrimination. 0.50

Paper#1

Edu431 11:30am 15aug2023

All quiz were from file

Short question

Selection type item types pg149 18Aug2023

Ans:-

47. Selection type question 15Aug2023

In selection type, true-false or alternative form, matching exercises, and multiple choice items are included. Other category of objective type items that is supply type consisted of completion or fill in the blanks and short answer items. The selection of any one or combination of these is made on the basis of their suitability for measuring the desired learning outcome

Advantage of essay type question pg158 repeat 19Aug2023 Everblue paper

Ans:-

Advantages of essay type question. 15Aug2023 repeat

- Test takers can elaborate and provide detailed answers.
- Test takers are not able to guess and select an answer.
- Can review individualized responses from each user.
- Can be used for all types of subjects.
- Takes less time to create questions.

guidelines for essay type questions?(5)

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In what condition we use restricted response questions rather than selection type pg101, 161 19Aug2023 Everblue paper 18Aug2023

Q: Restricted response type questions with example 15Aug2023 REPEAT

ANS: Pose a specific problem for which student needs to recall suitable information, organize it, derive a defensible conclusion, and express it within the given limits of the questions (like 400 word, 30 min. etc.).

Example: List the similarities and differences in the process of cell division in meiosis and mitosis? A variety of learning outcomes (Linn, 2000) can be checked by using this format of essay question. Some of which are;

1. Analysis of relationship.
2. Compare and contrast positions.
3. Explain cause-effect relationship.
4. Organize data and support a viewpoint.
5. Formulate hypotheses.
6. Point out strengths and weaknesses.
7. Integrate data from various resources.

Long

Advantage of Portfolios for students

pg131, 168

Ans:-

18Aug2023

Portfolio

15Aug2023

Systematic collection of students work into portfolios can serve a variety of instructional and assessment purposes. The value of portfolios depend heavily on the clarity of purpose the guidelines for the inclusion of materials, and the criteria to be used in evaluating portfolio.

Portfolio of students work

A portfolio is collection of student work selected to serve a particular purpose such as documentation of student growth. It is purposeful; collection of pieces of student's work.

Key steps in defining and using portfolios

1. Specify purpose.
2. Provide guidelines for selecting portfolios.
3. Define student's role in selection and self-evaluation.
4. Specify evaluation criteria.
5. Use portfolios in instruction and communication.

Strengths of portfolios

15Aug2023

repeat 4 time

- 1) The can be readily integrated with the instruction.
- 2) Provide opportunity to student's to show what they can do.
- 3) Encourage to become reflective learner.
- 4) Help in setting goal and self-evaluation
- 5) Help teacher and student to collaborate and reflect on student's progress.
- 6) Effective way to communicate with parents.
- 7) Provide mechanism for student centered and student-directed conferences with parents.
- 8) Provide concrete examples of students development and current skills.

Character of standardized achievement test

pg148

18Aug2023

Ans:-

36. Write a note on characteristics of standardized achievement test.

15Aug2023

repeat

- o The test items are of highly technical quality. They have been developed by educational and test specialists, pretested and selected on the basis of difficulty discriminating power, and relationship to a clearly defined and rigid set of specifications.
- o Directions for administering and scoring are so precisely stated that the procedures are standard for different users of test.
- o Norms based on national samples of students in the grade where the test is intended for use are provided as aids in interpreting the test scores.
- o Equivalent and comparable forms of the test are usually provided, information concerning the degree to which the forms are comparable.
- o A test manual is used as guides for administering the test, evaluating its technical qualities, and interpreting and using the results.

Difficulty in cct (cct to nhi hai ctt ho skta hai) pg117 191

Describe the item difficulty in CTT?

15Aug2023

Answer:

At the item level, the Classical Test Theory (CTT) model is relatively easy. CTT does not raise a complex theoretical model to relate an examinee's ability to the probability of success on a particular item. Instead, CTT collectively considers a pool of examinees and empirically examines their success rate on an item (assuming it is dichotomously scored). This success rate of a particular pool of examinees on an item, well known as the p value of the item, is used as the index for the item difficulty (Linden & Hambleton, 2004). (Actually, it is an inverse indicator of item difficulty, with higher value indicating an easier item). In CTT, the item difficulty index p (p value), is the proportion of examinees correct on an item, expresses item difficulty on an item. Item difficulty in CTT is simply calculated by the percentage of students that correctly answered the item as refers to the p value which range from .00 to 1.00. The values closer to 1 more easy will be the item and conversely the values near to .00 the more difficult will be the item. The values lie somewhere in the middle i.e. 0.4 to 0.6 will refer to moderate item difficulty index.

Item difficulty: the percentage of students that correctly answered the item. The range is from 0% to 100%, or more typically written as a proportion of 0.0 to 1.00. The higher the value, the easier will be the item.

Just Imran + everblue files are enough

Paper#2

Edu 431

Date 15-8-2023

Time 11:30

Mcqs 15+everblue file

Questions

1. ICC characteristics pg122,175 19Aug2023 Everblue paper

Ans:-

Item characteristic curve

15Aug2023

repeat

To analyze items using IRT, the main thing need to consider is item characteristic curve (ICC). The item characteristic curve is considered as the basic building block of item response theory.

It gives a picture of:

- The item difficulty
- Discrimination power
- The probability of answering correctly by guessing

2. Standardized achievement test lec15 topic132 pg82

Ans:-

Topic 132: Standardized Achievement Test

15Aug2023

In this session student will learn:

1. Standardized Achievement Test

Achievement Test

A standardized achievement test a fixed set of items to measure defined achievement domain, specific direction for administering and scoring test, and norms based on representative groups of individuals.

Most published achievement tests are called standardized achievement tests. These typically are norm referenced tests. Quite a few criterion referenced achievement tests are also been published.

Achievement tests are used as part of broader assessment system or alone. They provide relatively inexpensive means of measuring broad achievement goals.

Standardized achievement tests are often customized to include characteristics of both norm and criterion referenced test.

Standard content and procedure makes it possible to give an identical test to individuals in different places at different times.

Equivalent forms are included in many standardized tests, which make it possible to repeat the test without fear that the test takers will remember the answers from first testing.

3. Restricted response questions Repeat pg161

4. Guidelines for alternate questions topic71 pg21

Ans:-

Topic 71: True/ False items

In this session student will learn:

1. True/ False or alternative-response items. 15Aug2023
2. Uses of true/false items

True/ False (alternative form) questions

Alternate-response test items consist of declarative statement that the student is asked to mark true or false, right or wrong, correct or incorrect, or the like.

5. Limitations of portfolio pg168

Paper#3

Today paper Edu431 at 11:30am

Explain the four significant elements of rubric.5 Mark Topic127 pg74

Ans:-

Elements of Rubric

15Aug2023

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18Aug2023

A rubric includes:

1. Score
2. Criteria
3. Level of performance
4. Descriptors

Score

A system of number or values assigned to a work often combines with a level of performance.

High numbers are for best performance like 4, 5 or 6 whereas down to 1 or 0 are the lowest score in a performance assessment.

Criteria

It tells us that which feature, trait or dimension to be measured and include a definition and example to make clear the meaning of each trait to be assessed.

Level of Performance

There are adjectives to describe the performance levels. These levels tell students what they are expected to do.

Descriptors can be used with levels of performance to achieve objectivity but they can be used without them as well.

Descriptors

These are details for each level of performance to reliable and unbiased scoring.

State five guidelines for writing essay types questions. 5 marks pg169,184

19Aug2023 Everblue paper

Ans:-

Q.3: What are the guidelines for the essay type questions? (Repeat)

15Aug2023

18Aug2023

Answer:

Following guidelines are provided by Haldane and Downing (1989) for writing essay type items when developing a test.

10. Frame questions so that the examinee's task is explicitly defined.
11. Specify the value and an approximate time limit for each question.
12. Employ a larger number of questions that require relatively short answers rather than only a few questions that require long answers.
13. Do not employ optional questions.
14. Verify a question's quality by writing a trial response to the question.
15. Prepare a tentative scoring key in advance of considering examinee responses.
16. Score all answers to one question before scoring the next question.
17. Make prior decisions regarding treatment of such factors as spelling and punctuation.
18. Evaluate essay responses anonymously.

Explain item characteristics curve. 5 marks repeat pg122 , 136, 174

Mention any Three basis steps to design a rubric. 3 marks pg90,175,178,181

Ans:-

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Q: How to design rubric?

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ANS: 1. Identify a learning goal.

2. Choose outcomes that may be measured.

3. Develop or adapt an existing rubric.

4. Share it with students

Enlist any Three types of decisions that could be taken on the basis of high stake testing. 3 marks pg121,132,135 **19Aug2023 Everblue paper**

Ans:-

High stake testing

15Aug2023

repeat

The use of test and assessment to make decisions that are of prominent educational, financial, or social impact.

- Decision based on high stake testing
- Promotion to next grade
- Awarding of diploma or degree
- Evaluation of school performance
- Incentives and accountability of school staff

Three weakness of portfolio 3 marks pg168 **19Aug2023 Everblue paper**

Ans:-

Weaknesses of portfolios

15Aug2023

- 1) Can be time consuming to assemble.
- 2) Hard to use in summative assessment.
- 3) Difficult to compare results.
- 4) Very low reliability.

Three limitations of MCQs. 3 marks pg98 repeat

Ans:-

Limitations of MCQS:

1. Take a long time to construct in order to avoid arbitrary and ambiguous questions.
2. Also require careful preparation to avoid preponderance of questions testimony recall.
3. Provide cues that do not exist in practice.

Mcqs (everblue+Imran file+handouts

Paper#4

Edu431 16aug2023

Mcqs are 5 to 10 from file other from handouts or conceptual subjective

Three limitations of mcqs pg98 repeat 4 time

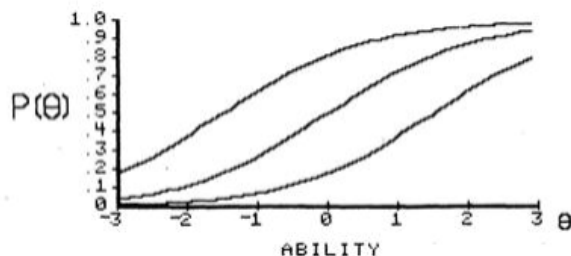
Three benefits of portfolio pg168 repeat

Irt difficulty with graph pg132,170

Ans:-

Q: What is Item difficulty in IRT? Explain with graph. 15aug2023

ANS: The application of Item difficulty in IRT is defined as the ability at which the probability of success on the item is .5 on a logit scale, which is also known as threshold difficulty (see Fig. 3). An item's level of difficulty is another factor affecting an individual's probability of responding in a particular way. An item that has a high level of difficulty will be less likely to be answered correctly by an examinee with low ability than an item that has a low level of difficulty (i.e., an easy item).



Elements of rubric repeat

Extended response questions with example repeat pg90,170

Ans:-

Q: Extended response type questions with example 15aug2023 18Aug2023

ANS: It allows the students to determine the length and complexity of the response. This type of questions is most suitable for measuring higher level mental processes skills like synthesis and evaluation. Teachers prefer these questions when they want to have information about student's ability to organize, integrate, express and evaluate information.

Example: What are the teachings of Islam about the respect of elders? How do these teachings help us to make a good society? Marks will be given for correct information, your own point of view, good judgment and good presentation.

Five rules of high stake repeat pg121

Paper#5

Edu431 17aug2023 my paper

- McQ limitations repeat
- Interpretation Wala tha (half question so its ans topic139- 141)
- Distraction save
- Restricted response short mein tha repeat
- Restricted response prefer than selection item 3 pg161&149

Ans:-

19Aug2023 Everblue paper

Q: Restricted response type questions with example

15Aug2023

REPEAT

ANS: Pose a specific problem for which student needs to recall suitable information, organize it, derive a defensible conclusion, and express it within the given limits of the questions (like 400 word, 30 min. etc.).

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6. Point out strengths and weaknesses.
7. Integrate data from various resources.

47. Selection type question 15Aug2023

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- HST Repeat pg90

Long 5

- 5 steps of writing restrict response repeat
- 5 guideline writing.... repeat

- Three advantages of restricted response questions rather than alternative form question pg161 &96

Ans:-

Q: Extended response type questions with example 15aug2023

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Example: What are the teachings of Islam about the respect of elders? How do these teachings help us to make a good society? Marks will be given for correct information, your own point of view, good judgment and good presentation.

Q: State 5 rules for constructing alternative form questions. 17aug2023

ANS: 1. Avoid broad general statements if they are to be judged true or false.

2. Avoid trivial statements

3. Avoid the use of negative especially double negative statements.

4. Avoid to include two ideas in one statement unless cause and effect relationship are being measured

5. Avoid long complex sentences

McQ from everyblue file and some are conceptual almost 15 McQ are conceptual

Paper#6

4)advantages of MCQs?

Advantages of MCQs

- Ensure objectivity, reliability and validity; preparation of questions with colleagues provides constructive criticism.
- Increase significantly the range and variety of facts that can be sampled in given time.
- Provide precise and unambiguous measurement of the higher intellectual processes.
- Provide detailed feedback for both student and teachers.
- MCQ are easy and rapid to score.

All are repeated question

Q.9:

How to assemble or packaging a test?(From Topic 103)

18Aug2023

Answer:

Assembling Test (Packaging the Test):

1. Grouping together items of similar format
2. Arranging test items from easy to hard
3. Properly spacing items
4. Keeping items and options on the same page
5. Placing illustrations near the descriptions
6. Checking the answer key
7. Deciding how students will record their answers
8. Providing space for test taker's name and date
9. Checking test directions for clarity

Advantages of anecdotal record:

19Aug2023 Everblue paper

Following are the advantages of anecdotal records.

It depicts actual behaviors in natural situations.

Facilitate gathering evidence on the events that are exceptional but significant.

Beneficial for students with less communication skills.