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	Question Type	Question	A	B	C	D	Answer	Remark
☐	FBQ	The first writing material for mathematics was made of	reels of papus	reels				eExam
☐	FBQ	Archimedes calculated the approximate Value of	P∏	∏				eExam
☐	FBQ	Abraham Lincon was influenced by ___ Philosophy.	Plato's	Plato				eExam
☐	FBQ	The discovery of harmonic progression was by	Pythagoras Theorem					eExam
☐	FBQ	___ years is the period of concrete operational stage.	7 to 12	7-I2				eExam
☐	FBQ	Checking the production date of an institutional aid and ascertaining that the messages contained are not obsolate/outdated is to ensure its	Accuracy					eExam
☐	FBQ	Films belong to ___ group of the two classifications of instructional resources.	non-print	non print				eExam
☐	FBQ	The multitude instructional resources or technologies can be classified into ___ groups.	two	2				eExam
☐	FBQ	___ is the mental age of a person whose I.Q is 40 Percent and chronological age of 50 years.	20 years	20				eExam

☐								
☐	FBQ	Knowledge of mathematical ☐ , structures, and processsesis one of the three measurable traits relevant to ability in Mathematics.	concepts					eExam
☐	FBQ	At the ☐ stage of intellectual development prescribed by Jean Piaget, a child can think abstractly.	Concrete Operational					eExam
☐	FBQ	Preparation of ☐ is the first work or responsibility of a mathematics teacher on receiving the curriculum for the year.	scheme of work	the scheme of work				eExam
☐	FBQ	The ☐ domain of taxonomy of educational objective involues ability of students to use locomotor sensory organs.	Psychomotor					eExam
☐	FBQ	Students feelings and biases formed the ☐ domain of Bloom's and associates taxonomy of educational objectives.	Affective					eExam
☐	FBQ	There are ☐ number of thinking areas under the cognitive domain of students behaviours.	Six	6				eExam
☐	FBQ	☐ refers to the change in behaviour that is expected of the students by the end of a lesson.	Specific behavioral objective					eExam
☐	FBQ	Differential equations originated from the study of ☐	rate of change					eExam
☐	FBQ	The power of mathematics in the satement "Give me a place to stand and I will move the earth" was the expression by ☐	Archimedes					eExam

☐								
☐	FBQ	Apart from the clumsy way of writing numbers and lack of possitional value, the absence [____] delayed commencement of simple arithemetic till late 15th century	Zero					eExam
☐	FBQ	The current system of counting and writing numbers was from [____] system.	Hindu-Arabic					eExam
☐	FBQ	The expression "Let no man destitute of mathematics enter my door" was at the entrance of [____] school.	Plato's					eExam
☐	FBQ	[____] was the early mathematical tool for determination of the coefficient of binomial expansion.	Pascal Triangle					eExam
☐	FBQ	Both Bruner and Piaget believed that mathematics can be learnt by [____] approach.	Guided discovery					eExam
☐	FBQ	In line with the taxonomy of Educational objectives by B.S Bloom and his associates, instructional objectives in the area of [____] should be taught first.	cognitive Domain					eExam
☐	FBQ	Synthesis belongs to [____] demain of Bloom's a taxonomy of educational objectives.	Cognitive Domain					eExam
☐	FBQ	Unlike Goals for teaching mathematics [____] are for classroom instruction.	Objectives					eExam
☐	FBQ	[____] was the person who pronounced the abolishion of modern mathematics in Nigeria.	Col. Dr. A. A. Ali	Dr. Ali				eExam

☐								
☐	FBQ	The descriptions of the horizontal features of secondary mathematics curriculum are classified as [____] features.	Vertical					eExam
☐	FBQ	[____] collaborated with NERC in fashioning out the Primary and Secondary School mathematics curricula.	CESAC	comparative Education Studies and Adaption centre				eExam
☐	FBQ	[____] is the best reason for choosing a measuring tape, over a wooden ruler as an aid for teaching the concept of circumference of a circle.	Relationship to the topic					eExam
☐	FBQ	Research finding has revealed that [____] amongst home, school environment and peer group influence students achievement best.	Home					eExam
☐	FBQ	The long -term expectation for teaching and learning of mathematics is called [____] of teaching mathematics.	Goal					eExam
☐	FBQ	16 years is the chlonological age of a child whose mental age is 12 and [____] percent I.Q.	75	seventy five				eExam
☐	FBQ	Out of Geometry, Algebra and General Mathematics, only [____] has no curriculum before 1978.	General Mathematics					eExam
☐	FBQ	In the plan to teach perimeter, measurement of line segement, types of triangle and pythagoras theorem, the teaching of [____] should be last.	Pythagoras Theorem					eExam
☐	FBQ	The relevance of Mathematics to every other subject is responsible for its [____] in secondary schools.	compulsory learning	compulsory teaching				eExam

☐								
☐	FBQ	According to J. Piaget's theory of intellectual development most Primary School Children are at the _____ stage.	Concrete Operational					eExam
☐	FBQ	Apart from the curriculum and the mathematics content, the third variable to be considered for writing a good lesson note is the _____	Child	pupil				eExam
☐	FBQ	While the unit plan is dependent on the syllabus the _____ is for drawing the School syllabus.	Curriculum					eExam
☐	FBQ	Amongst the Psychologists Robert Gagne emphasized the idea of _____ in the learning of Mathematic.	Prerequisite knowledge	entry behaviour				eExam
☐	FBQ	Guided discovery aids _____	Problem solving					eExam
☐	FBQ	From Literature some authors summarised principles behind effective teaching methods into multiple embodiment, constructive and principles _____	Dynamic					eExam
☐	FBQ	_____ is the actual age of a child whose I.Q is 80% and mental age is 4 years.	five years	5 years				eExam
☐	FBQ	According to Piaget's theory there are _____ stages of intellectual development.	four	4				eExam
☐	FBQ	The three domains of behavioural objectives are cognitive, _____ and Psychomoter.	Affective					eExam
☐	FBQ	The most correct classification of specific behavioural objective is that of _____	B. S . Bloom and his associates	Bloom				eExam

☐							
☐	FBQ	Individualised learning and instruction is the observation of [____] School of thought.	Montessori				eExam
☐	FBQ	The thinking area of Students behaviour is refered to as [____]	Cognitive Domain				eExam
☐	FBQ	According to Fermat Prierre, whenever two unknown quantities are found in a final equation then we have a [____]	Locus				eExam
☐	FBQ	[____] is a learning aid that can be used to teach finding angles of elevation and depression.	Clinometer				eExam
☐	FBQ	Consideration of more permanent materials that can be stored and used readily fall under [____] criteria for selecting learning aids.	Durability				eExam
☐	FBQ	The print and [____] are the two groups of instructional resources.	non-print	non print			eExam
☐	FBQ	To detemine the [____] age of a child both Chlonological age and the I.Q are used.	mental				eExam
☐	FBQ	There are [____] divisible sections of a well stated behavioral objective.	Five	5			eExam
☐	FBQ	[____] is the last in the horizontal features of Secondary Mathematics Curriculum.	Remarks				eExam
☐	FBQ	The Pre- colonial Secondary School Mathematics had [____] number of parts.	Three				eExam

☐								
☐	FBQ	The demise of _____ ended the Golden Age of Greek Mathematician.	Archimedes					eExam
☐	FBQ	The Philosophy that "anyone who would become leader of men should learn and know mathematic" was by _____	Plato					eExam
☐	FBQ	simple arithmetic started in the _____ century.	15th	fifteenth				eExam
☐	FBQ	_____ is the earliest type of mathematics.	Earth measurement	Geometry				eExam
☐	MCQ	The dynamic nature of mathematics requires _____	It's constant answer	It's continuous development	More teachers	It's students to be serious	B	eExam
☐	MCQ	Which of the followings belong to the Psychomotor Domain of behavioural objectives? _____	Use pair of compasses to consruct an angle	Extrapolation	Recall that a triangle has a total of 180 degrees	Feelings that mathematics is difficult	A	eExam
☐	MCQ	Arrangement of instructional objectives in behavioural classification is refered to as what? _____	Behavioral objective	Lesson Plan	Taxonomy of Educational objectives	Cognitive Domains	C	eExam
☐	MCQ	The Cognitive domain is made up of how many parts? _____	Six	Three	Five	Two	A	eExam
☐	MCQ	Who discovered the usefulness of mathematics in Games theory? _____	Fermat Prierre	Abraham De movre	Chevalior De Mere	pascal	D	eExam
☐	MCQ	According to _____ every leader must be knowledgable in mathematics	Abraham Lincoln	Col. Ahmadu Ali	Archimedes	Plato	D	eExam
☐	MCQ	Of what use was Nile river to mathematics?_____	Development of Geometry	Practical survey	Provided tool for writing material	enhanced beauty of mathematics	C	eExam
☐	MCQ	How would you use Frobel's school of thought to encourage learning of mathematics?_____	Through Didactic method	Through home background method	Through problem solving method	Through play way method	D	eExam
☐	MCQ	_____ is a means of teaching mixed ability group of students	Good gesture	appropriate graded instrument of evaluation	slowing Gifted children for the weak ones	working with the Curriculum	B	eExam

☐	MCQ	Which of the followings may not be a Mathematics teacher's concern in planing a lesson note?_____	The School	The Child	The Curriculum	The Content	A	eExam
☐	MCQ	_____ is an institutional arrangement for promoting high ability in maths.	Contests and Fairs	Curriculum	Mathematics	Enactive Stage	A	eExam
☐	MCQ	What method of teaching is most suitable for enhancement of Secondary School students achievement in maths?	Discovery method	Socrates method	Traditional method	Laboratory method	D	eExam
☐	MCQ	What is the minimum mandatory steps to be taken by a mathematics teacher after receiving the curriculum? _____	3	2	1	4	A	eExam
☐	MCQ	The statement _____ cannot be true.	No teaching without a teaching aid	Attitude is not precisely measurable	Laboratory approach cares for individual differences	Generization cannot be taught by guided discovery	D	eExam
☐	MCQ	Which of the followings would not be suitable as an item in maths shop corner for teaching buying and selling? _____	Banana	Groundnuts	Pencils	Tennis balls	A	eExam
☐	MCQ	Earliest mathematics was rooted in _____	Algebra	Calculus	Trigonometry	Geometry	D	eExam
☐	MCQ	Which of the followings is not an advantage of using guided discovery method to teach mathematics? _____	More retention of what is learnt	Discouragement of Noisy class	Promotion of students interaction	Promotion of problem solving	B	eExam
☐	MCQ	_____ may not be a factor for selection of a teaching aid.	Size of the aid	Complexity of the aid	Source of production	Accurancy of the aid	C	eExam
☐	MCQ	Which of the followings can be taught using Geo-board? _____	Cardinal points	Calculus	Geometric shapes	Trigonometry	C	eExam
☐	MCQ	According to Piaget _____ is the commencement of Logico-mathematical reasoning.	Concrete Operational stage	Age 12 Year	Sensory -motor state	Sybolic stage	A	eExam
☐	MCQ	which of the followings can reflect the quality of a mathematics teacher with respect to teaching? _____	Mode of dressing	Lesson note	Human relation	Recommended of knowledge	B	eExam
☐	MCQ	_____ is the immediate source of daily lesson plan.	Unit plan	Curriculum	Behavioral objective	Scheme of work	A	eExam

☐	MCQ	Which of the followings would be required to teach JSS 3 students copying a given angle? _____	A protractor and a ruler	A Pencil and a protractor	A ruler and a pair of compasses	A Pencil and a pair of compasses	C	eExam
☐	MCQ	_____ is not necessarily one of the components of a well-stated behavioural objectives.	What Curriculum	The Level of behavior	What expected result	Who is concerned	A	eExam
☐	MCQ	Who discovered the three major terms of conics? _____	Appotonu	Napier	Thales	Pythagorians	D	eExam
☐	MCQ	What is affective consequence of non-use of mathematics laboratory? _____	Poor achievement	Inability to use maths tools	Discourages love for maths	Poor production of a protractor	C	eExam
☐	MCQ	What is the first responsibility of a mathematics teacher after receiving the curriculum? _____	Preparation of lesson plan	Selecting the text book to use	planning the scheme of work	Study the curriculum	C	eExam
☐	MCQ	A good behavioral objective has _____	Five divisible sections	no time bound	the form of general objective	unconditional statement	A	eExam
☐	MCQ	Which of the followings is not true? _____	Practical Geometry started in Egypt	Good lesson plan leads to effective teachings	No teaching without a teaching aid	maths is for selected few	D	eExam
☐	MCQ	The immediate source of lesson plan is _____	Content	Scheme of work	Syllabus	Curriculum	B	eExam
☐	MCQ	What is the mental Age of a child who is 10 years old and has an IQ of seventy percent? _____	700	14.29	7	O.14	C	eExam
☐	MCQ	What type of test is required for identification of learners difficulty in mathematics? _____	Aptitude Test	Speed Test	Achievement Test	Diagonostic Test	D	eExam
☐	MCQ	In line with the taxonomy of Educational objectives, _____ is the simplest behaviour to achieve.	Students feelings	Students ability to write a number	Recall of knowledge of theorems	Use a ruler to draw a line	C	eExam
☐	MCQ	The long-term expectations of teaching mathematics is refered to as _____	Justifications	Achievements	Goals	Objectives	C	eExam
☐	MCQ	_____ of teaching is most likely to enhance students positive attitude towards mathematics.	Laboratory method	Traditional method	Calculation method	Discovery method	A	eExam

☐								
☐	MCQ	which of the followings could be most suitably taught by laboratory approach? _____	Skills	Concepts	Generalisations	Problem solving	D	eExam
☐	MCQ	Which of the followings according to research findings, may have more influence on students achievement? _____	School environment	Home	Peer group	Class climate	B	eExam
☐	MCQ	Which of the followings is most suitable entry behaviour for teaching subtraction of negative integers not less than negative ten? _____	Multiplication of integers	Number line	Division of integers	Addition of fractions	B	eExam
☐	MCQ	_____ is a measurable ability relevant to teaching and learning of mathematics.	Creativity	Mental ability	Attitude	Emotional maturity	B	eExam
☐	MCQ	What are the two types of Educational objectives? _____	Inductive and deductive methods	General and specific objectives	Curriculum and scheme of work base	Achievement and precision	B	eExam
☐	MCQ	_____ is an expected entry behaviour for teaching Pythagoras theorem.	Trigonometric Ratio	Algebraic equation	Sum of interior angles of a polygon	Types of triangles	D	eExam
☐	MCQ	What was the basis of Robert Gagnes's theory of teaching and learning? _____	Learning hierarchies	Curriculum	Teaching methods	Programme learning	A	eExam
☐	MCQ	The dynamic nature of mathematics requires _____	It's constant answer	It's continuous development	More teachers	It's students to be serious	B	eExam
☐	MCQ	De- abstracting Maths teaching was implied by _____	Pythagoras work	Robert Gagnes work	Blaise Pascal's work	Bruner's work	D	eExam
☐	MCQ	What was the major problem with modern mathematics in Nigeria? _____	Societal dis-satifaction with content	Curricular in-appropriateness	Poor implementation	Wrong selection of subject matter	C	eExam
☐	MCQ	A good lesson plan must take cognisance of _____	The home	The school	The child	The Environment	C	eExam
☐	MCQ	_____ is necessary for effective teaching or deriving the formular for solving a guardratic equation.	Almighty ' formula	knowledge of completing the square	Logarithm Table	Knowledge of indices	B	eExam
☐	MCQ	Which of the followings should be the least criteria for selecting teaching aid? _____	Availability	Accuracy	Producer	Complexity	C	eExam

☐								
☐	MCQ	Mathematics is _____	A dynamic subject	Gender biased	Not a universal subject	only for scientists	A	eExam
☐	MCQ	A Child's ability to solve problems is refered to as what? _____	Mathematical ability	Problem solving	Mental ability	Childhood ability	C	eExam
☐	MCQ	Which of the followings is most suitable entry behaviour for teaching construction of Histogram? _____	Concept of pie chart	Geometric constuction	Contruction of Frequency distribution	Perpendicular bisectors	C	eExam
☐	MCQ	The most suitable purpose of entry behaviour is _____	To enter the class well prepared	Knowing Teachers behaviour when entering the class	For the teacher to know the students home background	To guide the teacher on what to use to introduce a lesson	D	eExam
☐	MCQ	Specific Objectives of teaching mathematics are _____ based.	Teacher	Classroom instruction	Immediate	Long-term	B	eExam
☐	MCQ	_____ is what makes specific behavioral objectives realizable.	Curriculum	Text book	Drill	Note of lesson	D	eExam
☐	MCQ	Which of the followings belongs to the Psychomotor Domain of behavioural objectives? _____	Use pair of compasses to consruct an angle	Extrapolation	Recall that a triangle has a total of 180 degrees	Feelings that mathematics is difficult	A	eExam
☐	MCQ	Mathematics is made compulsory for Secodary School students because _____	It is dynamic	It is fundamental to the study of other subjects	It is for Calculation	It quantifies	B	eExam
☐	MCQ	An instructional or teaching aid is often selected _____	manufacturer	Colour	school type	child readiness	D	eExam
☐	MCQ	In what way can individual differences in mathematics be taken care of? _____	Give bonus marks	Charts	Giving more mark to weak students	Reward brilliant students with more marks	B	eExam
☐	MCQ	Unlike 1.Q Learning habits are _____	Quantitative	Not precisely measurable	Goal Oriented	Not meaningful	B	eExam
☐	MCQ	What was the impact of oil Boom in Nigeria on mathematics? _____	Need for more mathematics teachers	Better teaching of matheematics	Reduction of maths content	production of very good teacher	A	eExam

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