
Section 1 - Orientation Towards Technical Education and Curriculum Aspects

QLabel : Q01

Q3058795) Diploma-level technical institutes such as polytechnics are generally recognized by the All India Council for Technical Education (AICTE) and administered by:

- A) National Council of Vocational Education (NCVE)
- B) National Institute of Technical Teachers Training and Research (NITTTR)
- C) University Grant Commission (UGC)
- D) State Directorate of Technical Education (DTE)

QLabel : Q02

Q3058796) Select all the statements that indicates the purpose and impact of accreditation

- i Encourages quality improvement initiative by Institutions
- ii Improves student enrolment both in terms of quality and quantity
- iii. Helps the institution in securing necessary funds
- iv To rank the institutes of higher education

- A) (i) and (ii)
- B) (i), (ii) and (iii)
- C) (i), (ii), (iii) and (iv)
- D) (i), (ii) and (iv)

QLabel : Q03

Q3058797) The main objective of Outcome Based Education is to:

- A) Set clear standards for observable, measurable outcomes
- B) Encourage diversity among students
- C) Ensure quality education for all
- D) Ensure good results among students

QLabel : Q04

Q3058798) AICTE established an autonomous body known as _____ to conduct periodic evaluations of engineering college programs based on specified norms and standards recommended by AICTE.

- A) National Board of Accreditation (NBA)
 - B) University Grants Commission (UGC)
 - C) National Assessment and Accreditation Council (NAAC)
 - D) All India Board of Technical Education (AIBTE)
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QLabel : Q05

Q3058799) NBA aligned its methodology with international benchmarks and started accreditation on the basis of

- A) Outcomes
 - B) Input-process-output
 - C) Availability of resources / facilities
 - D) None of the above
-

QLabel : Q06

Q3058800) Which mode of learning in higher education allows students the flexibility to choose courses across various disciplines for completing a UG/PG program, popularly known as the cafeteria model?

- A) Annual Examination System
 - B) Choice Based Credit System
 - C) Semester System
 - D) Traditional Credit System
-

QLabel : Q07

Q3058801) Under which list of the Indian Constitution does education fall?

- A) State List
 - B) Union List
 - C) Concurrent List
 - D) Residuary List
-

QLabel : Q08

Q3058802) The National Assessment and Accreditation Council (NAAC) provides accreditation to institutions and individual departments with a validity period of:

- A) 3 years
 - B) 4 years
 - C) 5 years
 - D) 10 years
-

QLabel : Q09

Q3058803) Which initiative by the Government of India aims to enhance skill development and vocational education in technical institutes?

- A) SWAYAM
 - B) National Skill Development Mission
 - C) RUSA (Rashtriya Uchchatar Shiksha Abhiyan)
 - D) NIRF (National Institutional Ranking Framework)
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QLabel : Q10

Q3058804) Which statutory body is responsible for regulating and accrediting technical education in India?

- A) UGC
 - B) AICTE
 - C) NAAC
 - D) NCERT
-

QLabel : Q11

Q3058805) Which of the following learning domains related to development of a person's value system?

- A) Cognitive
 - B) Affective
 - C) Psychomotor
 - D) Social
-

QLabel : Q12

Q3058806) Listening to a Physics Professor explaining how to perform an experiment and then conducting the experiment back in the laboratory falls under which level of learning?

- A) Imitation
 - B) Articulation
 - C) Manipulation
 - D) Precision
-

QLabel : Q13

Q3058807) What are the two dimensions in Revised Bloom's Taxonomy?

- A) Knowledge and Cognitive Process
 - B) Cognitive and Psychomotor
 - C) Knowledge and Understanding
 - D) Evaluate and Create
-

QLabel : Q14

Q3058808) You are asked to compare with respect to Time and Space complexity of Bubble sort with Selection Sort in Data structures course. What is the level of learning according to Bloom's Taxonomy

- A) Apply
 - B) Evaluate
 - C) Analyze
 - D) Understand
-

QLabel : Q15

Q3058809) What is the primary purpose of defining learning outcomes in an educational program?

- A) To evaluate teachers' performance
 - B) To measure students' progress and
 - C) To standardize course content across institutions
 - D) To increase student enrollment
-

QLabel : Q16

Q3058810) Which educational framework is commonly used to classify learning objectives in cognitive, affective, and psychomotor domains?

- A) Kirkpatrick's Model
 - B) Bloom's Taxonomy
 - C) ADDIE Model
 - D) Maslow's Hierarchy
-

QLabel : Q17

Q3058811) Which of the following is an example of a well-written instructional objective?

- A) Students will understand Newton's laws of motion.
 - B) Students will appreciate the importance of history.
 - C) Students will be able to solve numerical problems using Newton's second law.
 - D) Students will be interested in learning physics.
-

QLabel : Q18

Q3058812) Which of the following best describes instructional objectives?

- A) General statements about the overall goals of a course
 - B) Specific, measurable statements about what students should achieve
 - C) A summary of topics covered in a syllabus
 - D) Guidelines for teachers on how to conduct a class
-

QLabel : Q19

Q3058813) Which is NOT a learning domain?

- A) Cognitive
 - B) Affective
 - C) Affirmative
 - D) Psychomotor
-

QLabel : Q20

Q3058814) Which of the following best represents an application-level learning outcome?

- A) Define the laws of motion
 - B) Explain the significance of Newton's second law
 - C) Apply Newton's second law to solve force and motion problems
 - D) List the different types of forces
-

QLabel : Q21

Q3058815) In Bloom's Taxonomy, the application level focuses on:

- A) Recalling facts and basic concepts
 - B) Explaining ideas and understanding concepts
 - C) Using knowledge in new and practical situations
 - D) Evaluating and justifying a decision
-

QLabel : Q22

Q3058816) Which instructional method is most effective in achieving application-level learning outcomes?

- A) Memorization-based assessments
 - B) Case studies and hands-on projects
 - C) Reading and summarizing textbooks
 - D) Writing definitions and explanations
-

QLabel : Q23

Q3058817) Which of the following is an application-based learning outcome in business studies?

- A) Define marketing principles
 - B) Explain the importance of customer relationships
 - C) Develop a marketing strategy for a new product
 - D) List the different types of market segmentation
-

QLabel : Q24

Q3058818) Which activity promotes learning at Bloom's application level in a science course?

- A) Memorizing periodic table elements
 - B) Writing a report on chemical bonding theories
 - C) Conducting an experiment to test pH levels in different solutions
 - D) Listing the properties of acids and bases
-

QLabel : Q25

Q3058819) Which of the following best represents an analysis-level learning outcome?

- A) Recall the steps in a scientific method Compare and contrast different research methodologies
 - B) Apply a formula to solve a given problem
 - C) Memorize definitions of key concepts
 - D) Memorizing facts and figure
-

QLabel : Q26

Q3058820) Which cognitive process is emphasized in Bloom's analysis level?

- A) Understanding concepts and theories
 - B) Breaking down complex information into smaller parts and identifying relationships
 - C) Applying learned knowledge to new situations
 - D) Memorizing facts and figures
-

QLabel : Q27

Q3058821) Which instructional activity would best help students achieve learning at the analysis level?

- A) Asking students to memorize key formulas
 - B) Assigning students to solve standard textbook problems
 - C) Providing lecture notes for students to study
 - D) Encouraging students to identify patterns and relationships in a dataset
-

QLabel : Q28

Q3058822) Which of the following best represents an analysis-level outcome in environmental science?

- A) Define the greenhouse effect
 - B) Analyze the impact of deforestation on climate change
 - C) Memorize the names of renewable energy sources
 - D) List the effects of air pollution on health
-

QLabel : Q29

Q3058823) Which of the following learning outcomes aligns with Bloom's evaluation level?

- A) Recall the key principles of machine learning
 - B) Apply a neural network model to classify image
 - C) List different types of artificial intelligence algorithms
 - D) Justify the use of deep learning models over traditional algorithms in a given scenario
-

QLabel : Q30

Q3058824) Which of the following best represents a create-level learning outcome?

- A) Define key cybersecurity threats
 - B) Develop a new cybersecurity framework to prevent data breaches
 - C) Explain the working of encryption algorithms
 - D) Identify different types of network security attacks
-

QLabel : Q31

Q3058825) Which of the following instructional strategies promotes learning at the create level?

- A) Asking students to build their own AI chatbot for customer support
 - B) Requiring students to list different AI applications
 - C) Write a AI program that follows a predefined algorithm
 - D) Asking students to describe the impact of AI on society
-

QLabel : Q 32

Q3058826) The best way for providing value education is through:

- A) Discussions on scriptural texts
 - B) Lectures/discourses on values
 - C) Seminars / symposia on values
 - D) Mentoring / reflective sessions
-

QLabel : Q33

Q3058827) The number of components in the basic teaching model is

- A) Four
 - B) Five
 - C) Three
 - D) Six
-

QLabel : Q34

Q3058828) The category of student type which is responsible for problems in the classroom is

- A) Compliant
 - B) Heroes
 - C) Snipers
 - D) Dependents
-

QLabel : Q35

Q3058829) Which of the following teaching method is the story building with the participation of each student in classroom?

- A) Constructive method
 - B) Diagnostic method
 - C) Remedial method
 - D) Instructional method
-

QLabel : Q36

Q3058830) Teacher should study education psychology so that

- A) Easily impress the student
 - B) Understand oneself
 - C) Can do experiments on animals
 - D) Make teaching more effective
-

QLabel : Q37

Q3058831) Which of the following is the characteristics of effective learning method?

- A) Observation-based generalisation
 - B) Examination of findings from incorporation method
 - C) Inductive and Deductive method
 - D) Experimental method
-

QLabel : Q38

Q3058832) Teaching is defined as

- A) An informative process
 - B) An intellectual process
 - C) An initiative process
 - D) An interactive process
-

QLabel : Q39

Q3058833) The principal is concerned about the high dropout rate among students in a particular grade level. Which of the following strategies would be most likely to address this issue?

- A) Implementing a stricter attendance policy
 - B) Providing additional academic support
 - C) Increasing the number of extracurricular activities
 - D) Hiring more counsellors
-

QLabel : Q40

Q3058834) Which of the following is a key principle of learning?

- A) Learning occurs only through direct instruction
 - B) Rote memorization is the most effective way to learn
 - C) Learners construct knowledge based on prior experiences
 - D) Learning is independent of motivation
-

QLabel : Q41

Q3058835) Which factor is most important in adapting teaching strategies for diverse learners?

- A) Assuming all learners have the same cognitive abilities
 - B) Ignoring individual learning preferences
 - C) Recognizing differences in background, experience, and learning styles
 - D) Providing the same learning material in every class
-

QLabel : Q42

Q3058836) Which learning principle is best demonstrated by problem-based learning?

- A) Passive learning is more effective
 - B) Learners develop critical thinking by solving real-world problems
 - C) The best way to learn is through memorization
 - D) Learning is only effective when directed by an instructor
-

QLabel : Q43

Q3058837) Which of the following best describes metacognition in learning?

- A) The ability to memorize large amounts of information
 - B) The act of passively absorbing knowledge
 - C) The process of learning without effort
 - D) The ability to reflect on one's thinking and learning processes
-

QLabel : Q44

Q3058838) Which of the following factors is most critical in determining a learner's success?

- A) A combination of motivation, prior knowledge, and learning strategies
 - B) Socioeconomic background alone
 - C) The strictness of the teacher
 - D) A fixed intelligence level
-

QLabel : Q45

Q3058839) Which type of motivation comes from an internal desire to learn and achieve?

- A) Extrinsic motivation
 - B) Intrinsic motivation
 - C) Negative reinforcement
 - D) Passive learning
-

QLabel : Q46

Q3058840) Education Psychology is important for:

- A) Teachers
 - B) Teachers and students
 - C) Teachers, students, and parents
 - D) Employer
-

QLabel : Q47

Q3058841) Which of the following is an example of extrinsic motivation?

- A) Studying because you enjoy learning new things
 - B) Completing a project to gain appreciation from peers
 - C) Solving a problem out of curiosity
 - D) Learning a new skill for personal growth
-

QLabel : Q48

Q3058842) Which theory of motivation suggests that people are driven by a hierarchy of needs?

- A) Maslow's Hierarchy of Needs
 - B) Skinner's Operant Conditioning
 - C) Gardner's Multiple Intelligences
 - D) Piaget's Cognitive Development Theory
-

QLabel : Q49

Q3058843) Which of the following best describes the role of guidance in education?

- A) Encouraging students to memorize content without understanding
 - B) Providing necessary support for students to make informed academic and career decisions
 - C) Forcing students to follow a predetermined career path
 - D) Focusing only on academic performance without considering personal development of a lesson
-

QLabel : Q50

Q3058844) A constructively designed course is one where

- A) The students know what they want to do
 - B) The lecturer knows what he or she wants to do
 - C) The outcomes, assessment and learning activities are all clearly aligned with course outcomes
 - D) The classes follow a logical sequence
-

QLabel : Q51

Q3058845) Which factor is most important for maintaining long-term motivation in learners?

- A) Offering rewards for every task completed
 - B) Focusing only on competition among students
 - C) Ignoring personal interests and preferences
 - D) Encouraging autonomy and a sense of purpose
-

QLabel : Q52

Q3058846) The basic teaching model consists of four basic components or parts. They are:

- A) Instructional Objectives, Course Outcomes, Assessment, Feedback
 - B) Instructional Objectives, Entering behaviour, Instructional Procedures, Performance assessment
 - C) Entering behaviour, Terminal behaviour, Course Objective and outcomes
 - D) Methods, Materials, Media and Management
-

QLabel : Q53

Q3058847) The '3M' concept in instructional procedure refers to

- A) Materials, Money, Machinery
 - B) Men, Materials, Money
 - C) Men, Money, Machinery
 - D) Materials, Media, Methods
-

QLabel : Q54

Q3058848) To break information into parts and to examine the information is called _____?

- A) Analysing
 - B) Evaluating
 - C) Synthesizing
 - D) Originating
-

QLabel : Q55

Q3058849) The four pillars of learning does NOT include

- A) To know
 - B) To do
 - C) To live together
 - D) To like
-

QLabel : Q56

Q3058850) The psychomotor domain involves which of the following?

- A) Cognitive skills and knowledge retention
 - B) Emotional intelligence and values
 - C) Language development and communication skills
 - D) Physical movement, coordination, and motor skills
-

QLabel : Q57

Q3058851) The most important document, connecting teachers, students, curriculum developers, employers, society, administrators and examiners is

- A) Syllabus
 - B) Instructional Materials
 - C) Assignment Sheets
 - D) Curriculum
-

QLabel : Q58

Q3058852) A teacher wants to help students develop critical thinking skills which of the following activities would be the most appropriate?

- A) Having students complete a crossword puzzle
 - B) Asking students to memorize a list of facts
 - C) Having students analyse a political cartoon
 - D) Showing students a documentary about a historical event
-

QLabel : Q59

Q3058853) Personality is

- A) a combination of attitude, behaviour and competencies of students
 - B) a combination of attitude, skill and knowledge of students
 - C) the sum of the physical, cognitive, emotional and social characteristics of students
 - D) behavior and knowledge
-

QLabel : Q60

Q3058854) The process of reasoning from one or more given statements to reach a logically certain conclusions is called _____?

- A) Deductive Reasoning
 - B) Inductive Reasoning
 - C) Qualitative Reasoning
 - D) Quantitative Reasoning
-

QLabel : Q61

Q3058855) Which is NOT a part of Physical characteristics of an Adolescent?

- A) Rapid intense growth
 - B) Height and weight variation
 - C) Nutrition deficiency
 - D) Intelligence
-

QLabel : Q62

Q3058856) Teachers should present information to the student clearly and in interesting way and relate the new information to the things students _____

- A) Don't know
 - B) Already know
 - C) Willing to know
 - D) Not willing to know
-

QLabel : Q63

Q3058857) Which is NOT a part of Cognitive characteristics of an Adolescent?

- A) Increase ability of understanding
 - B) Increase ability of generalize the facts
 - C) Increase ability of deal with abstraction
 - D) Increase ability to deal with adults
-

QLabel : Q64

Q3058858) Which is NOT a part of Social characteristics of an Adolescent?

- A) Interested in recreation and games
 - B) Increased socialization with peers
 - C) Self cantered attitudes
 - D) Problem solving abilities
-

QLabel : Q65

Q3058859) A teacher is planning a unit on environmental sustainability. Which of the following would be the most effective way to align the curriculum with the local community?

- A) Assigning a research project on global environmental issues
 - B) Organizing a field trip to a local recycling facility
 - C) Showing a documentary about climate change
 - D) Having students read articles about famous environmentalists
-

QLabel : Q66

Q3058860) The characteristic of attention seeking student is that he/she

- A) Will Not participate class activity on their own
 - B) Is Teacher-dependent
 - C) Is Fond of discussion
 - D) Has Excessive concern about grades
-

QLabel : Q67

Q3058861) Select the appropriate characteristics of Gen Z Learners

- A) Mostly not good at discovering information
 - B) Prefers Active Learning
 - C) Poor in handling latest gadgets
 - D) Prefers Formal Environment
-

QLabel : Q68

Q3058862) Emotional Fluctuations in adolescence are caused by

- A) Hormonal changes and brain development
 - B) Body image
 - C) Lack of confidence
 - D) Environmental factors
-

QLabel : Q69

Q3058863) The ability to reason effectively, use systems thinking, make judgements and decisions and solve problems

- A) Creativity
 - B) Critical thinking
 - C) Communication
 - D) Collaboration
-

QLabel : Q70

Q3058864) The most important problem of a student for the teacher is

- A) Inferiority complex
- B) Excessive sleepiness
- C) Superiority complex
- D) No interest in academics

QLabel : Q71

Q3058865) Bullying is

- A) Absenteeism
- B) Poor academic performance
- C) Skipping classes
- D) Hurting/fighting Behaviour

QLabel : Q72

Q3058866) According to Piaget / Montessori / Dewey Learning is _____

- A) Boring and Serious
- B) Fun and Enjoyable
- C) Determined by external rewards and punishments
- D) Experiential and Exploratory.

QLabel : Q73

Q3058867) Identify the most important motivator for students in the classroom?

- A) Giving all the notes in class and spoon feeding students
- B) Congenial atmosphere
- C) Giving lots of assignments to students
- D) Using technology

QLabel : Q74

Q3058868) The impetus for learner- centeredness derives from a theory of learning known as

- A) Constructivism
 - B) Behaviourism
 - C) Cognitivism
 - D) Humanism
-

QLabel : Q75

Q3058869) National Educational Polity (NEP) 2020 recommends:

- A) Multilingualism
 - B) Monolingualism
 - C) Standardization of curriculum
 - D) Standardization of assessment
-

QLabel : Q76

Q3058870) Which is an example for Synchronous communication tool

- A) Email communications
 - B) Videoconferences
 - C) Online forums
 - D) Discussion lists
-

QLabel : Q77

Q3058871) A teacher can establish rapport with students by

- A) Becoming a figure of Authority
 - B) Impressing them with knowledge and skill
 - C) Playing the role of a guide with desire to help them
 - D) Providing friendly environment.
-

QLabel : Q78

Q3058872) Mayer's Cognitive theory of Multimedia Learning is based on three assumptions. They are

- A) Sweller's theory of cognitive load, Gagne's Nine events of Instruction, Baddeleys's model of working memory
 - B) Gagne's Nine events of Instruction, Bloom's taxonomy, Baddeleys's model of working memory
 - C) Baddeleys's model of working memory, Paivio's dual coding theory, Gagne's Nine events of Instruction
 - D) Paivio's dual coding theory, Sweller's theory of cognitive load, Baddeleys's model of working memory
-

QLabel : Q79

Q3058873) Which of the following is a learning activity?

- A) The student will know the definitions of all the laws in Circuit Theory
 - B) The student will troubleshoot the major breakdowns of a system
 - C) The student will demonstrate the coding skill
 - D) The student will solve the problems given at the end of chapters.
-

QLabel : Q80

Q3058874) How many events/conditions does Gagne's event of instructions have?

- A) Five
 - B) Six
 - C) Nine
 - D) Ten
-

QLabel : Q81

Q3058875) You have a student who has failed in a particular class. How will you motivate this student to study sincerely in the same class?

- A) By teacher's counselling
 - B) By friends' counselling
 - C) By parent's counselling
 - D) By psychological counselling
-

QLabel : Q82

Q3058876) Multimodal learning is _____

- A) when students learn by using internet and www
 - B) when a number of senses - visual, auditory, kinesthetic - are being engaged during learning
 - C) when students learn by listening to the teacher
 - D) when students learn through experiments and experiences
-

QLabel : Q83

Q3058877) Curriculum and Syllabus

- A) are in the hierarchy, where curriculum is the supersect of the syllabus
 - B) are one and the same
 - C) are in the hierarchy, where syllabus is the supersect of curriculum
 - D) do not have any connections with each other
-

QLabel : Q84

Q3058878) A behavioral objective must include a specific goal that has an observable learning outcome, a set of conditions under which the learning can be expected to occur, and a specific criterion level of performance required to meet the objective. Which of the following statement adequately meets the behavioral objective described above?

- A) Refer the course on Machine Learning available on NPTEL and perform the assignment given
 - B) Using the journal paper given, list three algorithms that has been stated to produce more than 90% efficiency.
 - C) Study the chapter of our text that deals with the Machines until you have memorized all the important definitions.
 - D) Read the chapter on Transformers and answer the chapter questions
-

QLabel : Q85

Q3058879) Education acquired without any specific purpose, fixed period, and place is called as:

- A) Formal Education
 - B) Informal Education
 - C) Indirect Education
 - D) Individual Education
-

QLabel : Q86

Q3058880) Which one of the following aspects is an extremely powerful distracter in any classroom learning?

- A) mannerisms
 - B) appropriate voice level
 - C) appropriate voice modulation
 - D) multiple media usage
-

QLabel : Q87

Q3058881) Curriculum based on thinking of John Dewey is

- A) Subject centered
 - B) Learner Centered
 - C) Activity Centered
 - D) Integrated
-

QLabel : Q88

Q3058882) One of the popular theories of motivation was proposed by

- A) Bloom
 - B) Krathwohl
 - C) Gaslow
 - D) Simpson
-

QLabel : Q89

Q3058883) In what type of curriculum the student retains from both the hidden and intended curriculum

- A) Supported
 - B) Recommended
 - C) Taught
 - D) Learned
-

QLabel : Q90

Q3058884) Strategic knowledge, knowledge about cognitive tasks, including appropriate contextual and conditional knowledge and self-knowledge is classified as

- A) Metacognitive Knowledge
 - B) Abstract Knowledge
 - C) Conceptual knowledge
 - D) Procedural Knowledge
-

QLabel : Q91

Q3058885) The term Curriculum is derived from Latin word meaning

- A) Course of learning
 - B) Chariot race course
 - C) Course of study
 - D) Course of Education
-

QLabel : Q92

Q3058886) Computer Assisted Instruction is based on _____ principle

- A) Operant Conditioning
 - B) Responsive Conditioning
 - C) Classical Conditioning
 - D) Pavlovian Conditioning
-

QLabel : Q93

Q3058887) The model of curriculum could not move above elementary stage is:

- A) Core curriculum
 - B) Activity curriculum
 - C) Subject curriculum
 - D) Integrated Curriculum
-

QLabel : Q94

Q3058888) The method used to evaluate the curriculum during the process of development/Implementation is

- A) Formative Evaluation
 - B) Summative Evaluation
 - C) Diagnostic Evaluation
 - D) Process Evaluation
-

QLabel : Q95

Q3058889) Which of the following is the primary focus of curriculum design?

- A) Selecting teachers for courses
 - B) Organizing learning experiences to achieve educational objectives
 - C) Determining students' final grades
 - D) Conducting extracurricular activities
-

QLabel : Q96

Q3058890) Curriculum improvement should be a/an -----process

- A) last
 - B) Initial
 - C) Internal
 - D) Continuous
-

QLabel : Q97

Q3058891) Which one is not the component, of the Curriculum

- A) Objectives
 - B) Syllabus
 - C) Design
 - D) Evaluation
-

QLabel : Q98

Q3058892) What is the primary goal of curriculum evaluation?

- A) To assign grades to students
 - B) To assess the effectiveness of the curriculum in achieving learning outcomes
 - C) To increase the number of subjects in a course
 - D) To ensure strict discipline among students
-

QLabel : Q99

Q3058893) The major purpose of co-curricular activities is to:

- A) Help students achieve a well-adjusted personality
 - B) Provide relief from the usual classroom routine
 - C) To use the leisure time usefully
 - D) Permit students to have a choice of educational program
-

QLabel : Q100

Q3058894) Which of the following best describes the hidden curriculum?

- A) A curriculum designed only for high-achieving students
- B) The officially prescribed syllabus for a subject
- C) Unwritten, unintended lessons related to values, beliefs, and behaviors learned in school
- D) A set of mandatory textbooks used in a course