

National Testing Agency

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Fundamental of Outcome Based Curriculum in Engineering Education

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Fundamental of Outcome Based Curriculum in Engineering

Education-1

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|---|-----------|
| Section Id : | 603489359 |
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Question Number : 1 Question Id : 60348917469 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0

An industry in the curriculum context is

1. One where goods are produced
2. One which provides services
3. One which helps to earn one's livelihood
4. A place where manufacturing takes place

Options :

60348965757. 1

60348965758. 2

60348965759. 3

60348965760. 4

Question Number : 2 Question Id : 60348917470 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The bulk of the engineering graduates in India get employment in.....

1. R & D type of industry
2. MMS type of industry
3. Manufacturing industry only
4. Service industry only

Options :

60348965761. 1

60348965762. 2

60348965763. 3

60348965764. 4

Question Number : 3 Question Id : 60348917471 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

A group of engineers are scrutinizing the reason for the failed car door received from the assembly line of an automobile industry. This is an example of.....

1. R & D type of industry
2. MMS type of industry
3. Manufacturing industry only
4. Service industry only

Options :

60348965765. 1

60348965766. 2

60348965767. 3

60348965768. 4

Question Number : 4 Question Id : 60348917472 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Identify from the following that is not true of a good Curriculum

1. Educational purposes required to be attained
2. Relevant educational experiences to be provided to attain these purposes
3. Only some generic education requirements
4. Some processes to determine whether educational purposes are being attained

Options :

60348965769. 1

60348965770. 2

60348965771. 3

60348965772. 4

Question Number : 5 Question Id : 60348917473 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The Curriculum matters mainly because of its potential impact on.....

1. Students and Teachers
2. parents
3. Examiners
4. Students, Teachers and Examiners

Options :

60348965773. 1

60348965774. 2

60348965775. 3

60348965776. 4

Question Number : 6 Question Id : 60348917474 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Uniformity in implementation in different affiliated Institutions generally.....

1. possible in syllabus
2. not possible in curriculum
3. possible in curriculum
4. not possible in curriculum and as well as syllabus

Options :

60348965777. 1

60348965778. 2

60348965779. 3

60348965780. 4

Question Number : 7 Question Id : 60348917475 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Identify from the following statements the main part or component of an UG engineering programme syllabus

1. Rationale
2. Outcomes/Objectives
3. Chapters/units with topics and list of laboratory experiments
4. Implementation guidelines, list of practicals, instructional strategies, learning resources, websites

Options :

60348965781. 1

60348965782. 2

60348965783. 3

60348965784. 4

Question Number : 8 Question Id : 60348917476 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

An engineering teacher is teaching the topics of a course in a classroom based on a sheet of paper given to him by his HOD. The contents in the sheet of paper is an example of a.....

1. Curriculum
2. Syllabus
3. Time table
4. Schedule of activities

Options :

60348965785. 1

60348965786. 2

60348965787. 3

60348965788. 4

Question Number : 9 Question Id : 60348917477 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Identify from the following statements that relate to the philosophy of "Humanistic approach" to curriculum design

1. Organized body of knowledge
2. Logical order of structure of knowledge within the discipline
3. Growth and the development of an individual towards life
4. System based approach

Options :

60348965789. 1

60348965790. 2

60348965791. 3

60348965792. 4

Question Number : 10 Question Id : 60348917478 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Identify from the following statements that does not go with 'System's or analytic approach' for a curriculum design

1. Identification of needs -current and future from stakeholder
2. Curriculum focus is on felt concerns of teachers and students
3. Analysis determines the quantity, quality of different inputs, their mix and the transformation process
4. It is an iterative process with value addition

Options :

60348965793. 1

60348965794. 2

60348965795. 3

60348965796. 4

Question Number : 11 Question Id : 60348917479 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Approaches to curriculum design are

1. independent to each other
2. necessarily mutually exclusive
3. discrete without any relationship to aspects of higher education system
4. reflection of philosophy relating to aims , values of higher education system, and understanding of how students construct their learning and on the needs

Options :

60348965797. 1

60348965798. 2

60348965799. 3

60348965800. 4

Question Number : 12 Question Id : 60348917480 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

.....involves the steps like, how a curriculum is planned, implemented, and up to evaluation.

1. Thinking
2. Planning
3. Working
4. Curriculum development

Options :

60348965801. 1

60348965802. 2

60348965803. 3

60348965804. 4

**Question Number : 13 Question Id : 60348917481 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Curriculum document publication prominently projects one of the following

1. Curriculum Planning
2. Curriculum designing
3. Curriculum Implementation
4. Curriculum Evaluation

Options :

60348965805. 1

60348965806. 2

60348965807. 3

60348965808. 4

**Question Number : 14 Question Id : 60348917482 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Curriculum design is a/an

1. micro level activity
2. macro level activity
3. is a linear activity
4. activity taken up before planning stage

Options :

60348965809. 1

60348965810. 2

60348965811. 3

60348965812. 4

**Question Number : 15 Question Id : 60348917483 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Curriculum of any engineering programme is not influenced by.....

1. Economic aspects associated with employability
2. Local administrative arrangements
3. Domain area developments
4. Social requirements

Options :

60348965813. 1

60348965814. 2

60348965815. 3

60348965816. 4

**Question Number : 16 Question Id : 60348917484 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Of the following, the static and outdated engineering curriculum will possibly result in.....

1. Better employment
2. Relevance between manpower supply and demand
3. Irrelevant equipment and tools in the laboratory
4. No underemployment

Options :

60348965817. 1

60348965818. 2

60348965819. 3

60348965820. 4

**Question Number : 17 Question Id : 60348917485 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

If the curricula of engineering programmes are outdated to a high extent, for curricular changes to be meaningful and succeed.....

1. it can be taken up using systematic, scientific principles of introducing changes such as a 'planned change' project
2. subject/course specific changes can be made
3. selective changes can be made in laboratory equipments.
4. superficial change with cosmetic treatment in curriculum

Options :

60348965821. 1

60348965822. 2

60348965823. 3

60348965824. 4

**Question Number : 18 Question Id : 60348917486 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

An Engineering Curriculum should have a 'balance' in respect of STEM elements proportionately, STEM stands for.....

1. Social-Technology-Economics-Management
2. Science -Technology- Environment- Management
3. Science-Technology -Engineering-Mathematics
4. Social-Technology- Engineering-Mathematics

Options :

60348965825. 1

60348965826. 2

60348965827. 3

60348965828. 4

Question Number : 19 Question Id : 60348917487 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

A curriculum is said to be good if it provides information required for

1. teacher
2. examiner
3. university
4. all stakeholders

Options :

60348965829. 1

60348965830. 2

60348965831. 3

60348965832. 4

Question Number : 20 Question Id : 60348917488 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

A curriculum is said to be good ifare given

1. General objectives
2. macro level outcomes for whole programme
3. outcomes at all levels for all courses
4. only programme level outcomes

Options :

60348965833. 1

60348965834. 2

60348965835. 3

60348965836. 4

Question Number : 21 Question Id : 60348917489 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Curriculum development team consists of.....

1. 2 kinds of specialists
2. 3 kinds of specialists
3. 4 kinds of specialists
4. 5 kinds of specialists

Options :

60348965837. 1

60348965838. 2

60348965839. 3

60348965840. 4

Question Number : 22 Question Id : 60348917490 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The CDT begins the curriculum development project by.....

1. Curriculum designing
2. Curriculum implementation
3. Curriculum evaluation
4. Preparing action plan

Options :

60348965841. 1

60348965842. 2

60348965843. 3

60348965844. 4

Question Number : 23 Question Id : 60348917491 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

'if you fail to plan.....'

1. Nothing happens
2. Something will happen
3. You plan to fail
4. Everything will continue as before

Options :

60348965845. 1

60348965846. 2

60348965847. 3

60348965848. 4

Question Number : 24 Question Id : 60348917492 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Curriculum design is..... (State which of the following statements is NOT correct)

1. part of curriculum development process
2. undertaken by CDT
3. only for the teacher and examiner
4. based on curriculum planning

Options :

60348965849. 1

60348965850. 2

60348965851. 3

60348965852. 4

**Question Number : 25 Question Id : 60348917493 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

State which of the following statements is NOT a major 'curricular component'.

1. Programmed structure
2. Practical work
3. assignment
4. Project work

Options :

60348965853. 1

60348965854. 2

60348965855. 3

60348965856. 4

**Question Number : 26 Question Id : 60348917494 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

State which of the following statement is NOT correct. The curriculum document.....

1. Is the 'constitution' of any educational programme
2. Is designed, developed and targeted for the teachers only
3. Removes confusions and avoids crisis
4. Is the output of the curriculum planning phase

Options :

60348965857. 1

60348965858. 2

60348965859. 3

60348965860. 4

**Question Number : 27 Question Id : 60348917495 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Which one of the following statements is TRUE of Administrator's role in curriculum implementation

1. Take online attendance of student
2. Monitor the health of the staff
3. Procure equipment to match curriculum requirement
4. Raise the height of the boundary wall

Options :

60348965861. 1

60348965862. 2

60348965863. 3

60348965864. 4

**Question Number : 28 Question Id : 60348917496 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Identify from the following statements that is NOT CORRECT regarding curriculum implementation

1. Curriculum planning gives the right focus to curriculum design
2. Curriculum implementation immediately follows curriculum design
3. Only Summative evaluation takes place during curriculum implementation
4. Curriculum evaluation follows immediately after curriculum implementation

Options :

60348965865. 1

60348965866. 2

60348965867. 3

60348965868. 4

**Question Number : 29 Question Id : 60348917497 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Identify from the following statements that are NOT CORRECT regarding the University's role in the curriculum implementation process

1. Market the philosophy of the curriculum design
2. Create a pool of 'master trainers'
3. Conduct 'Curriculum Implementation' workshops
4. Formulate MOUs with other Universities for curriculum implementation

Options :

60348965869. 1

60348965870. 2

60348965871. 3

60348965872. 4

**Question Number : 30 Question Id : 60348917498 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Identify from the following statements the INCORRECT statement regarding curriculum evaluation.

1. Curriculum implementation immediately follows after curriculum design
2. Summative evaluation takes place during curriculum implementation
3. Curriculum evaluation process follows immediately after curriculum implementation
4. Curriculum evaluation helps in curriculum review/redesign

Options :

60348965873. 1

60348965874. 2

60348965875. 3

60348965876. 4

**Question Number : 31 Question Id : 60348917499 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Identify from the following statements the BEST OPTION for the evaluation of engineering education programmes

1. Stake's Model
2. Stufflebeam's CIPP Model
3. Kaufman Roger's Model
4. Kirkpatrick's Model

Options :

60348965877. 1

60348965878. 2

60348965879. 3

60348965880. 4

**Question Number : 32 Question Id : 60348917500 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The 'Washington Accord' expects the graduate to solve.....

1. Standard engineering problems
2. Complex engineering problems
3. Broad-based engineering problems
4. Well-defined problems

Options :

60348965881. 1

60348965882. 2

60348965883. 3

60348965884. 4

**Question Number : 33 Question Id : 60348917501 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The 'Dublin Accord' expects the graduate to solve.....

1. Standard engineering problems
2. Complex engineering problems
3. Broad-based engineering problems
4. Well-defined problems

Options :

60348965885. 1

60348965886. 2

60348965887. 3

60348965888. 4

**Question Number : 34 Question Id : 60348917502 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The 'Sydney Accord' expects the graduate to solve.....

1. Standard engineering problems
2. Complex engineering problems
3. Broad-based engineering problems
4. Well-defined problems

Options :

60348965889. 1

60348965890. 2

60348965891. 3

60348965892. 4

**Question Number : 35 Question Id : 60348917503 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The industry identified single competency of a course stated at the macro level reflects the

1. Industry requirement from that particular course
2. Topic requirement
3. Aim of the programme
4. Goal of the programme

Options :

60348965893. 1

60348965894. 2

60348965895. 3

60348965896. 4

**Question Number : 36 Question Id : 60348917504 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Identify from the following the normal curriculum life cycle of a programme is

1. One year after the new curriculum of the programme is launched.
2. Two years after the new curriculum of the programme is launched.
3. Three years after the new curriculum of the programme is launched.
4. One year later after the first batch of students graduate from the programme.

Options :

60348965897. 1

60348965898. 2

60348965899. 3

60348965900. 4

Question Number : 37 Question Id : 60348917505 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

In the context of an educational institution, the curriculum document of an engineering educational programme is a significant.....

1. Input
2. Process
3. Output
4. Feedback

Options :

60348965901. 1

60348965902. 2

60348965903. 3

60348965904. 4

Question Number : 38 Question Id : 60348917506 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Curriculum document to be disseminated is prepared

1. During curriculum planning
2. After curriculum planning
3. After curriculum design
4. During curriculum design

Options :

60348965905. 1

60348965906. 2

60348965907. 3

60348965908. 4

**Question Number : 39 Question Id : 60348917507 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Which of the following statements is primarily considered as the philosophy underlying the 'social-demand approach'?

1. If education is to satisfy the needs of the society, then the curriculum should be relevant to those needs.
2. Discipline as the body of knowledge, around which curriculum is designed.
3. Competency identification is the most essential requirement.
4. Future requirements and 'learning to learn' ability

Options :

60348965909. 1

60348965910. 2

60348965911. 3

60348965912. 4

**Question Number : 40 Question Id : 60348917508 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Which is the best suited approach for engineering /technology curriculum?

1. discipline/subject based approach
2. Social demand approach
3. Analytic / System's approach
4. An eclectic approach towards outcome based education

Options :

60348965913. 1

60348965914. 2

60348965915. 3

60348965916. 4

Question Number : 41 Question Id : 60348917509 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following activity is NOT a part of 'curriculum planning stage'?

1. Assessing Technological Development
2. Analysing the occupation
3. Selection/development of teaching -learning resources
4. Analyzing the needs from various sources

Options :

60348965917. 1

60348965918. 2

60348965919. 3

60348965920. 4

Question Number : 42 Question Id : 60348917510 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which one of the following statement is INCORRECT for curriculum planning. Curriculum planning.....

1. gives focus in curriculum design
2. seeks the opinions of stakeholders
3. formulates unit level cognitive outcomes
4. begins by forming the curriculum development team.

Options :

60348965921. 1

60348965922. 2

60348965923. 3

60348965924. 4

**Question Number : 43 Question Id : 60348917511 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Which of the following is NOT a data collection tool?

1. Rating scales
2. Checklists
3. Questionnaires
4. Interview

Options :

60348965925. 1

60348965926. 2

60348965927. 3

60348965928. 4

**Question Number : 44 Question Id : 60348917512 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The most relevant engineering education CURRICULUM DESIGN strategy is.....

1. Individual expertise-based strategy
2. Committee-based strategy
3. Knowledge-based strategy
4. Scientific Design strategy.

Options :

60348965929. 1

60348965930. 2

60348965931. 3

60348965932. 4

Question Number : 45 Question Id : 60348917513 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Question bank is best for.....

1. laboratory work
2. End semester exam design
3. classroom teaching
4. industrial training

Options :

60348965933. 1

60348965934. 2

60348965935. 3

60348965936. 4

Question Number : 46 Question Id : 60348917514 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Micro-projects in an outcome-based curriculum is best to assess the integration of.....

1. Course outcomes for competency development
2. Aims and goals
3. only practical outcomes
4. only unit outcomes

Options :

60348965937. 1

60348965938. 2

60348965939. 3

60348965940. 4

**Question Number : 47 Question Id : 60348917515 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Which one of the following is a UG level competency of an engineering programme that the industry needs?

1. Knows the principles of induction motor testing
2. Comprehends the testing of the induction motor.
3. Understands the testing procedure of induction motor
4. Undertakes the testing of the induction motor

Options :

60348965941. 1

60348965942. 2

60348965943. 3

60348965944. 4

**Question Number : 48 Question Id : 60348917516 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Which one of the following statements is INCORRECT regarding OBC programmed structure.

1. It provides a bird's eye view of all the curricular components to all stakeholders
2. It is based on 'end-points'.
3. It aligns observable and measurable outcomes with curricular components
4. It is only a syllabus consisting of topics and sub-topics

Options :

60348965945. 1

60348965946. 2

60348965947. 3

60348965948. 4

**Question Number : 49 Question Id : 60348917517 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Choose the INCORRECT statement from the following. OBC in engineering education facilitates to.....

1. Ensure Quality Assurance -Internal and External
2. Get Accreditation from NBA
3. Enhance Relevance & Employability
4. Get international ranking of the programme

Options :

60348965949. 1

60348965950. 2

60348965951. 3

60348965952. 4

**Question Number : 50 Question Id : 60348917518 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The fundamental aspects of curriculum development for engineering education deals with

1. Curriculum Planning
2. Curriculum evaluation
3. All of these
4. Curriculum design

Options :

60348965953. 1

60348965954. 2

60348965955. 3

60348965956. 4