

National Testing Agency

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Accreditation for Undergraduate Engineering Programmes

Group Number :	1
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Accreditation for Undergraduate Engineering Programmes-1

Section Id :	603489205
Section Number :	1

Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100
Number of Questions to be attempted :	100
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	603489417
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 60348911057 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

National Board of Accreditation (NBA) is:

1. An Autonomous Body
2. Under All India Council for Technical Education (AICTE)
3. Under Ministry of Human Resources, Govt. of India
4. Under University Grants Commission (UGC)

Options :

60348942033. 1

60348942034. 2

60348942035. 3

60348942036. 4

Question Number : 2 Question Id : 60348911058 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which statement is **INCORRECT** about NBA accreditation

1. A process of quality improvement and assurance
2. A kind of recognition that indicates that a programme or institutions fulfills certain standards
3. A regulatory process
4. A programme in an institution is critically appraised to verify that the institution or the programme continues to meet and exceed norms and standards prescribed by appropriate designated authorities.

Options :

60348942037. 1

60348942038. 2

60348942039. 3

60348942040. 4

Question Number : 3 Question Id : 60348911059 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

One of the purposes of NBA accreditation is to:

1. Rank the Institutions and programmes
2. Assurance of quality to various stakeholders including students
3. Grade the Institutions and programmes
4. Grant autonomy to the Programmes and Institutions

Options :

60348942041. 1

60348942042. 2

60348942043. 3

60348942044. 4

Question Number : 4 Question Id : 60348911060 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The body of NBA that awards Accreditation is:

1. General Council
2. Executive Committee
3. Academic Advisory Committee
4. Sub committee of Academic Advisory Committee

Options :

60348942045. 1

60348942046. 2

60348942047. 3

60348942048. 4

Question Number : 5 Question Id : 60348911061 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Following is **TRUE** about NBA accreditation

1. NBA seeks to replace system of award of degree and diploma by accreditation
2. Accreditation is awarded for long period usually 15-20 years
3. Accreditation is awarded based on perception of NBA
4. Accreditation is evidence based and awarded based on site visit, careful scrutiny of documents and interaction with

Options :

60348942049. 1

60348942050. 2

60348942051. 3

60348942052. 4

Question Number : 6 Question Id : 60348911062 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Following is **NOT** a part of NBA accreditation policy:

1. It is mandatory
2. Formal approval of appropriate authority is required for the programme to be accredited.
3. Programmes (not institutions) are accredited.
4. The name of a programme to be accredited shall be the same as that shown on the student's degree certificate

Options :

60348942053. 1

60348942054. 2

60348942055. 3

60348942056. 4

Question Number : 7 Question Id : 60348911063 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Following is **NOT** a part of NBA accreditation policy:

1. All routes leading to programme completion will have to satisfy accreditation criteria.
2. Institution should have academic autonomy
3. 2 batches of passouts required for accreditation
4. Accreditation is carried out on the written request of the Institution

Options :

60348942057. 1

60348942058. 2

60348942059. 3

60348942060. 4

Question Number : 8 Question Id : 60348911064 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In case visit of the Expert Team to an Institute is conducted between 1st January to 30th June, the accreditation period would be from:

1. 1st July of current year (Current academic year)
2. 1st July of next year (Next academic year).
3. The date of award of accreditation
4. The date of exit meeting (The last day of on site visit)

Options :

60348942061. 1

60348942062. 2

60348942063. 3

60348942064. 4

Question Number : 9 Question Id : 60348911065 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The cost of accreditation is borne by :

1. AICTE
2. NBA
3. The Institution through Accreditation fees
4. MHRD, Govt. of India

Options :

60348942065. 1

60348942066. 2

60348942067. 3

60348942068. 4

Question Number : 10 Question Id : 60348911066 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The registration fee for institutions to apply for NBA accreditation is:

1. Rs 1,00,000 plus applicable taxes
2. Rs 1,50,000 plus applicable taxes
3. Rs 2,00,000 plus applicable taxes
4. Rs 5,00,000 plus applicable taxes

Options :

60348942069. 1

60348942070. 2

60348942071. 3

60348942072. 4

**Question Number : 11 Question Id : 60348911067 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

The processing fee (**excluding applicable taxes**) to be paid by institutions for NBA accreditation of 5 degree Engineering programmes is:

1. Rs. 15 Lakhs
2. Rs. 13 Lakhs
3. Rs. 10 Lakhs
4. Rs. 5 Lakhs

Options :

60348942073. 1

60348942074. 2

60348942075. 3

60348942076. 4

**Question Number : 12 Question Id : 60348911068 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

An Institution can apply for maximum no. of programmes in one application

1. One
2. Five
3. Six
4. No limit

Options :

60348942077. 1
60348942078. 2
60348942079. 3
60348942080. 4

Question Number : 13 Question Id : 60348911069 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Cancellation of the visit of the Program(s) by the Institution after the expert team has been constituted, the refund according to NBA policy is

1. 100%
2. 90%
3. 80%
4. 75%

Options :

60348942081. 1
60348942082. 2
60348942083. 3
60348942084. 4

Question Number : 14 Question Id : 60348911070 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In which year the NBA was granted autonomous status?

1. 1994
2. 2000
3. 2010
4. 2014

Options :

60348942085. 1

60348942086. 2

60348942087. 3

60348942088. 4

Question Number : 15 Question Id : 60348911071 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The Washington Accord was originally signed in :

1. 1989
2. 1994
3. 2010
4. 2014

Options :

60348942089. 1

60348942090. 2

60348942091. 3

60348942092. 4

Question Number : 16 Question Id : 60348911072 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The Washington Accord is an International Agreement among bodies responsible for accrediting:

1. Undergraduate engineering degree programs.
2. Diploma Engineering Programmes
3. Postgraduate Degree Programmes in Engineering
4. All types of programmes

Options :

60348942093. 1

60348942094. 2

60348942095. 3

60348942096. 4

Question Number : 17 Question Id : 60348911073 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In the pre-qualifier format for **Tier I**, maximum student teacher ratio allowed is

1. 30

2. 25

3. 20

4. 10

Options :

60348942097. 1

60348942098. 2

60348942099. 3

60348942100. 4

Question Number : 18 Question Id : 60348911074 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In the pre-qualifier format, minimum average admission over last 3 years in a programme (average of the previous three academic years including current academic year) for **Tier I** institutions is

1. 45%
2. 50%
3. 60%
4. 75%

Options :

60348942101. 1

60348942102. 2

60348942103. 3

60348942104. 4

Question Number : 19 Question Id : 60348911075 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In the pre-qualifier format, minimum average admission over last 3 years in a programmes (average of the previous three academic years including current academic year) for **Tier II** institutions is

1. 40%
2. 45%
3. 50%
4. 60%

Options :

60348942105. 1

60348942106. 2

60348942107. 3

60348942108. 4

Question Number : 20 Question Id : 60348911076 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In the pre-qualifier format for **Tier I**, following is essential qualifier with respect to faculty:

1. At least one Professor on regular basis with Ph.D. degree is available in the respective Department for previous two academic years including the Current Academic Year.
2. At least one Associate Professor on regular basis with Ph.D. degree is available in the respective Department for previous two academic years including the Current Academic Year.
3. At least two Associate Professors on regular basis with Ph.D. degree is available in the respective Department for previous two academic years including the Current Academic Year.
4. At least two Professors or one Professor and one Associate Professor on regular basis with Ph.D. degree is available in the respective Department for previous two academic years including the Current Academic Year.

Options :

60348942109. 1

60348942110. 2

60348942111. 3

60348942112. 4

Question Number : 21 Question Id : 60348911077 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

How much fees is to be paid along with prequalifier to NBA:

1. 10%
2. 20%
3. 90%
4. Nothing except Registration Fee

Options :

60348942113. 1

60348942114. 2

60348942115. 3

60348942116. 4

Question Number : 22 Question Id : 60348911078 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In the pre-qualifier format, whether number of available Ph.Ds. in the department is greater than or equal to -----
-% of the required number of faculty averaged for previous two academic years including current academic year for **Tier I** institutions.

1. 10%
2. 20%
3. 25%
4. 30%

Options :

60348942117. 1

60348942118. 2

60348942119. 3

60348942120. 4

Question Number : 23 Question Id : 60348911079 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Identify statement which is **NOT TRUE** for Traditional Input based education

1. Assessment on demonstration of achievement of outcomes
2. Mostly Passive Learning
3. Low engagement Lower order thinking skills & learning
4. Rare/little attention on Performance

Options :

60348942121. 1

60348942122. 2

60348942123. 3

60348942124. 4

Question Number : 24 Question Id : 60348911080 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Identify which is **NOT** a valid major component of outcome based education.

1. Outcome based curriculum
2. Outcome based Teaching and Learning
3. Outcome based assessment
4. Exams and Grading of Students based on marks obtained

Options :

60348942125. 1

60348942126. 2

60348942127. 3

60348942128. 4

Question Number : 25 Question Id : 60348911081 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Identify which is **NOT** Output of educational system

1. Student grades and success rates
2. Placement statistics
3. Number of publications of faculty
4. Programme Educational Objectives and Programme Outcomes

Options :

60348942129. 1

60348942130. 2

60348942131. 3

60348942132. 4

**Question Number : 26 Question Id : 60348911082 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Identify statement which is **NOT TRUE** for Outcome based Teaching and Learning

1. Course content to be reviewed to suit the defined Learning Outcomes industrial needs and job specifications by involving Stakeholders.
2. Innovative teaching learning methods and learning activities to be introduced
3. Measures for effectiveness and provide general indicators of achievement with numbers (Grades and Percentages).
4. Documentary evidences of processes involved and the achievement to be collected

Options :

60348942133. 1

60348942134. 2

60348942135. 3

60348942136. 4

**Question Number : 27 Question Id : 60348911083 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Identify which is **NOT TRUE** for Vision Statement of the Institute

1. It attracts the commitment and energizes people.
2. It develops trust collaborations within the Institutional members by encouraging and motivating them to use their abilities to achieve it.
3. Stakeholders' input is not required while developing the Vision statement.
4. Vision statement helps Institutes to take effective decisions as the statement becomes the reference to take any decision.

Options :

60348942137. 1

60348942138. 2

60348942139. 3

60348942140. 4

Question Number : 28 Question Id : 60348911084 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Following is **NOT** the role of Vision and Mission statements

1. Communicate the purpose of the organization to stakeholders
2. Inform strategy development
3. Defining course content and teaching –learning methods
4. Develop the measurable goals and objectives by which to devise the success of the Institute Plan.

Options :

60348942141. 1

60348942142. 2

60348942143. 3

60348942144. 4

Question Number : 29 Question Id : 60348911085 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Identify which is **NOT** an Internal Stakeholder

1. Faculty
2. Governing Board Members
3. Students
4. Funding agencies

Options :

60348942145. 1

60348942146. 2

60348942147. 3

60348942148. 4

Question Number : 30 Question Id : 60348911086 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Identify which is **NOT** an external stakeholder

1. Management of the Institute
2. Funding agencies
3. Society
4. Employers

Options :

60348942149. 1

60348942150. 2

60348942151. 3

60348942152. 4

Question Number : 31 Question Id : 60348911087 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Following documentary evidences of Visioning Process should be kept which reflect effective participation of stakeholders in the process

1. Minutes of meeting for various meetings for developing vision.
2. Feedback from external stakeholders
3. Feedback from internal stakeholders
4. All of these

Options :

60348942153. 1

60348942154. 2

60348942155. 3

60348942156. 4

Question Number : 32 Question Id : 60348911088 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Vision and Mission of the Institute should be disseminated to :

1. Parents and alumni
2. Faculty and staff
3. Employers and management
4. All of these

Options :

60348942157. 1

60348942158. 2

60348942159. 3

60348942160. 4

Question Number : 33 Question Id : 60348911089 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Vision, Mission and PEOs of the department may be published

1. In the Institute website under relevant Programme link
2. Chamber of Head of the Department
3. In curriculum document, departmental laboratories and lab manuals
4. All of these

Options :

60348942161. 1

60348942162. 2

60348942163. 3

60348942164. 4

Question Number : 34 Question Id : 60348911090 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Programme Educational Objectives are achieved:

1. At the time of joining the programme
2. At the time of Graduation
3. 3-5 years after the graduation
4. During the process of graduation

Options :

60348942165. 1

60348942166. 2

60348942167. 3

60348942168. 4

Question Number : 35 Question Id : 60348911091 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Programme Outcomes-

1. Are achieved at the time of joining the programme
2. Are achieved at the time of Graduation
3. Are achieved 3-5 years after the graduation
4. Are prerequisite for admission in an engineering college.

Options :

60348942169. 1

60348942170. 2

60348942171. 3

60348942172. 4

Question Number : 36 Question Id : 60348911092 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Programme Specific Outcomes:

1. Are achieved at the time of joining the programme
2. Are achieved at the time of Graduation
3. Are achieved 3-5 years after the graduation
4. Are prerequisite for admission in an engineering college.

Options :

60348942173. 1

60348942174. 2

60348942175. 3

60348942176. 4

Question Number : 37 Question Id : 60348911093 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Programme Outcomes defined by NBA are derived from:

1. Vision of the Institute
2. Mission of the Institute
3. Programme Educational Objectives of the Programme
4. Graduate Attributes of International Engineering Alliance

Options :

60348942177. 1

60348942178. 2

60348942179. 3

60348942180. 4

Question Number : 38 Question Id : 60348911094 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

No. of Programme Outcomes (POs) defined by NBA for Undergraduate Engineering Programmes are:

1. 7

2. 10

3. 11

4. 12

Options :

60348942181. 1

60348942182. 2

60348942183. 3

60348942184. 4

Question Number : 39 Question Id : 60348911095 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

This PO deals with soft skills

1. Communication
2. Engineering Knowledge
3. Project Management and Finance
4. Modern Tool Usage

Options :

60348942185. 1

60348942186. 2

60348942187. 3

60348942188. 4

Question Number : 40 Question Id : 60348911096 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Programme Outcomes are analogous to:

1. Specification of the Graduates in terms of abilities
2. Vision of the Institute
3. Mission of the Institute
4. Course Outcomes

Options :

60348942189. 1

60348942190. 2

60348942191. 3

60348942192. 4

Question Number : 41 Question Id : 60348911097 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

No. of Programme Specific Outcomes as defined by NBA should be:

1. 2-4
2. 4-6
3. 10
4. 12

Options :

- 60348942193. 1
- 60348942194. 2
- 60348942195. 3
- 60348942196. 4

Question Number : 42 Question Id : 60348911098 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the level of following Learning Outcome in the revised Blooms Taxonomy? Student will be able to implement the concept of tree and graph data structure in real world problems.

1. Understand
2. Apply
3. Analyse
4. Create

Options :

- 60348942197. 1
- 60348942198. 2
- 60348942199. 3
- 60348942200. 4

Question Number : 43 Question Id : 60348911099 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the level of following Learning Outcome in the revised Blooms Taxonomy? Student will be able to evaluate four projects reports on the basis of certain criteria .

1. Evaluate
2. Apply
3. Analyse
4. Create

Options :

60348942201. 1

60348942202. 2

60348942203. 3

60348942204. 4

Question Number : 44 Question Id : 60348911100 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the level of following Learning Outcome in the revised Blooms Taxonomy? Student will be able to state first law of thermodynamics.

1. Remember
2. Understand
3. Apply
4. Create

Options :

60348942205. 1

60348942206. 2

60348942207. 3

60348942208. 4

Question Number : 45 Question Id : 60348911101 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the level of following Learning Outcome in the revised Blooms Taxonomy? Student will be able to calculate included angle drawing necessary diagram given WCB or RB of two lines in different situations.

1. Apply
2. Analyse
3. Create
4. None of these

Options :

60348942209. 1

60348942210. 2

60348942211. 3

60348942212. 4

Question Number : 46 Question Id : 60348911102 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the level of following Learning Outcome in the revised Blooms Taxonomy? Student will be able to compare the performance of AC & DC motors.

1. Create
2. Evaluate
3. Analyse
4. Understand

Options :

60348942213. 1

60348942214. 2

60348942215. 3

60348942216. 4

Question Number : 47 Question Id : 60348911103 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the level of following Learning Outcome in the revised Blooms Taxonomy? Student will be able to solve ordinary differential equations.

1. Understand
2. Apply
3. Analyse
4. Create

Options :

60348942217. 1

60348942218. 2

60348942219. 3

60348942220. 4

**Question Number : 48 Question Id : 60348911104 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

What is the level of following Learning Outcome in the revised Blooms Taxonomy? Student will be able to recognize unstated assumptions in Newton's laws.

1. Understand
2. Analyse
3. Evaluate
4. Create

Options :

60348942221. 1

60348942222. 2

60348942223. 3

60348942224. 4

**Question Number : 49 Question Id : 60348911105 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

What is the level of following Learning Outcome in the revised Blooms Taxonomy? Student will be able to devise a plan to reduce the consumption of power by 15% in a given textile mill.

1. Apply
2. Analyse
3. Evaluate
4. Create

Options :

60348942225. 1

60348942226. 2

60348942227. 3

60348942228. 4

Question Number : 50 Question Id : 60348911106 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the level of following Learning Outcome in the revised Blooms Taxonomy? Student will be able to select appropriate type of cement for given site conditions.

1. Apply
2. Analyse
3. Evaluate
4. Create

Options :

60348942229. 1

60348942230. 2

60348942231. 3

60348942232. 4

Question Number : 51 Question Id : 60348911107 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Select the domain of following Learning Outcome.
Student will be able to actively listen discussion on safety for erection at an industrial site.

1. Cognitive
2. Psychomotor
3. Affective
4. Interactive

Options :

60348942233. 1

60348942234. 2

60348942235. 3

60348942236. 4

**Question Number : 52 Question Id : 60348911108 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Select the domain of following Learning Outcome.
Student will be able to operate a lathe machine

1. Cognitive
2. Psychomotor
3. Affective
4. The statement is not a learning outcome but topic.

Options :

60348942237. 1

60348942238. 2

60348942239. 3

60348942240. 4

**Question Number : 53 Question Id : 60348911109 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Select the domain of following Learning Outcome.

Newton's Laws of Motion.

1. Cognitive
2. Psychomotor
3. Affective
4. The statement is not a learning outcome but topic.

Options :

60348942241. 1

60348942242. 2

60348942243. 3

60348942244. 4

Question Number : 54 Question Id : 60348911110 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Select the domain of following Learning Outcome.

Student will be able to show concern for safety in
Workshop and Laboratories

1. Cognitive
2. Psychomotor
3. Affective
4. The statement is not a learning outcome but topic.

Options :

60348942245. 1

60348942246. 2

60348942247. 3

60348942248. 4

Question Number : 55 Question Id : 60348911111 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Select the domain of following Learning outcome.
Demonstration of a Digital Theodolite.

1. Cognitive
2. Psychomotor
3. Affective
4. The statement is not a learning outcome but topic.

Options :

60348942249. 1

60348942250. 2

60348942251. 3

60348942252. 4

**Question Number : 56 Question Id : 60348911112 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Select the domain of following Learning outcome.
Student will be able to work in a team to solve a
problem.

1. Cognitive
2. Psychomotor
3. Affective
4. The statement is not a learning outcome but topic.

Options :

60348942253. 1

60348942254. 2

60348942255. 3

60348942256. 4

**Question Number : 57 Question Id : 60348911113 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Select the domain of following Learning outcome.
Student will be able to identify reasons for failure of a project.

1. Cognitive
2. Psychomotor
3. Affective
4. The statement is not a learning outcome but topic.

Options :

60348942257. 1

60348942258. 2

60348942259. 3

60348942260. 4

**Question Number : 58 Question Id : 60348911114 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Select the domain of following Learning outcome.
Student will be able to design a concrete mix for given strength of concrete.

1. Cognitive
2. Psychomotor
3. Affective
4. The statement is not a learning outcome but topic.

Options :

60348942261. 1

60348942262. 2

60348942263. 3

60348942264. 4

**Question Number : 59 Question Id : 60348911115 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Which statement is **NOT TRUE** about Course outcomes

1. Course Outcomes should be teacher focused.
2. Course Outcomes should be mapped with / should be aligned to Programme Outcomes (POs) and Programme Specific Outcomes
3. Course Outcomes should use action verbs which make expectations clear
4. Course Outcomes should not focus on Process

Options :

60348942265. 1

60348942266. 2

60348942267. 3

60348942268. 4

Question Number : 60 Question Id : 60348911116 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Number of Course Outcomes for a course according to NBA Self assessment Report should preferably be

1. Around 6
2. 12
3. 8-10
4. 0-1

Options :

60348942269. 1

60348942270. 2

60348942271. 3

60348942272. 4

Question Number : 61 Question Id : 60348911117 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which statement is an example of a Course Outcome

1. Teacher will teach analysis of continuous beams.
2. First Law of Thermodynamics
3. Student will be able to solve ordinary differential equations
4. Student will learn first law of thermodynamics

Options :

60348942273. 1

60348942274. 2

60348942275. 3

60348942276. 4

Question Number : 62 Question Id : 60348911118 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Map the following Course Outcome with the most appropriate Programme outcome (having strongest correlation). Student will be able to draw Isometric and Orthographic Projections by visualizing three dimensional objects

1. PO1: Engineering Knowledge
2. PO2: Problem Analysis
3. PO3: Design /Development of Solutions
4. PO5: Modern Tool Usage

Options :

60348942277. 1

60348942278. 2

60348942279. 3

60348942280. 4

Question Number : 63 Question Id : 60348911119 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Map the following Course Outcome with the most appropriate Programme outcome (having strongest correlation). Student will be able to simulate experiments for a given application/ problem statement in digital communication

1. PO1: Engineering Knowledge
2. PO2: Problem Analysis
3. PO3: Design /Development of Solutions
4. PO5: Modern Tool Usage

Options :

60348942281. 1

60348942282. 2

60348942283. 3

60348942284. 4

Question Number : 64 Question Id : 60348911120 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Map the following Course Outcome with the most appropriate Programme outcome (having strongest correlation). Student will be able to carry out Literature Survey for a given Problem

1. PO1 : Engineering Knowledge
2. PO10: Communication
3. PO9: Individual and Teamwork
4. PO12: Life-long Learning

Options :

60348942285. 1

60348942286. 2

60348942287. 3

60348942288. 4

Question Number : 65 Question Id : 60348911121 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Map the following Course Outcome with the most appropriate Programme outcome (having strongest correlation). Student will be able to assess impact of constructing dam on nearby population

1. PO6: Engineer and Society
2. PO3: Design /Development of Solutions
3. PO10: Communication
4. PO12: Life-long Learning

Options :

60348942289. 1

60348942290. 2

60348942291. 3

60348942292. 4

Question Number : 66 Question Id : 60348911122 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

To find curriculum gap mapping of all courses is to be done with

1. Programme Outcomes and Programme Specific Outcomes
2. Programme Educational Objectives
3. Course Outcomes
4. All of these

Options :

60348942293. 1

60348942294. 2

60348942295. 3

60348942296. 4

Question Number : 67 Question Id : 60348911123 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Academic calendar **DOES NOT** serve following purpose:

1. Planning tool for students
2. Planning tool for faculty
3. Planning tool for department and Institutions
4. Instrument of analysis of student performance

Options :

60348942297. 1

60348942298. 2

60348942299. 3

60348942300. 4

Question Number : 68 Question Id : 60348911124 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Following is **NOT** a pedagogical initiative to improve quality of teaching learning

1. Giving real life examples
2. Promoting collaborative learning
3. Use of various teaching methods and media
4. Conduct Parent- teacher meeting

Options :

60348942301. 1

60348942302. 2

60348942303. 3

60348942304. 4

Question Number : 69 Question Id : 60348911125 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is **NOT TRUE** about learning

1. Learning is relatively permanent change in behaviour
2. Learning occurs due to reinforced practice
3. Learning cannot be defined in observable outcomes
4. In outcome based education learning should be student centric

Options :

60348942305. 1

60348942306. 2

60348942307. 3

60348942308. 4

**Question Number : 70 Question Id : 60348911126 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Following is **NOT TRUE** about assessment of Course Outcomes

1. There is only one unique method of calculating attainment of course outcomes
2. For tier II Institutions, target of all the Course Outcomes of End of Term assessment will be same.
3. For tier II Institutions, attainment of all the Course Outcomes of End of Term assessment will be same and will be based on total marks obtained by the student.
4. Attainment of course outcomes cannot be calculated from attainment of Programme Outcomes

Options :

60348942309. 1

60348942310. 2

60348942311. 3

60348942312. 4

Question Number : 71 Question Id : 60348911127 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Rubric:

1. Is an instructional method
2. Has matrix structure and used to assess process or product
3. Is an essay type question
4. Is a select type question

Options :

60348942313. 1

60348942314. 2

60348942315. 3

60348942316. 4

Question Number : 72 Question Id : 60348911128 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Programme Specific Outcomes are assessed by:

1. Direct assessment only.
2. Indirect assessment only.
3. Both direct and indirect assessment
4. Perception only

Options :

60348942317. 1

60348942318. 2

60348942319. 3

60348942320. 4

Question Number : 73 Question Id : 60348911129 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Direct assessment of Programme Outcomes is done by

1. Graduate exit survey
2. Employer survey
3. By placement statistics
4. Assessment of attainment of Course outcomes and/or courses

Options :

60348942321. 1

60348942322. 2

60348942323. 3

60348942324. 4

Question Number : 74 Question Id : 60348911130 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Following is a tool of Indirect Assessment of Programme Specific Outcomes

1. End semester examination
2. Seminar presentation
3. Graduate Exit survey
4. Laboratory and workshop assessment

Options :

60348942325. 1

60348942326. 2

60348942327. 3

60348942328. 4

Question Number : 75 Question Id : 60348911131 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Holistic rubric is :

1. One dimensional
2. Two dimensional
3. Three dimensional
4. None of these

Options :

60348942329. 1

60348942330. 2

60348942331. 3

60348942332. 4

Question Number : 76 Question Id : 60348911132 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

While designing assessment questions of COs you should restrict to :

1. Remember level of Bloom's Taxonomy only
2. Understand level of Bloom's Taxonomy only
3. Both Remember and Understand level of Bloom's Taxonomy
4. None of these

Options :

60348942333. 1

60348942334. 2

60348942335. 3

60348942336. 4

Question Number : 77 Question Id : 60348911133 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Full marks are granted for enrolment ratio, if minimum enrolment ratio is above

1. 100%
2. 90%
3. 80%
4. 75%

Options :

60348942337. 1

60348942338. 2

60348942339. 3

60348942340. 4

**Question Number : 78 Question Id : 60348911134 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

In the sub-criteria, "Academic Performance in Second Year", for calculation of API, 'Successful Students' are those:

1. Who have attained all Course Outcomes of the Second Year Courses
2. Who have passed all Courses of the Second Year.
3. Who have passed all Courses of the First and Second Year.
4. Who are permitted to proceed to the Third Year.

Options :

60348942341. 1

60348942342. 2

60348942343. 3

60348942344. 4

**Question Number : 79 Question Id : 60348911135 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

In sub-criteria, Faculty Cadre Proportion, weightage of Associate Professor is:

1. 100%
2. 75%
3. 60%
4. 40%

Options :

60348942345. 1

60348942346. 2

60348942347. 3

60348942348. 4

**Question Number : 80 Question Id : 60348911136 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

If there is no Professor or Associate Professor in the Department of a **Tier II** Institution, all 9 faculty are Assistant Professors. Total Required Faculty is 9 (to maintain 1: 20 Ratio if students are 180 in the departments). Then total Marks for Faculty Cadre Proportion sub criteria will be:

1. 0
2. 4
3. 6
4. 9

Options :

60348942349. 1

60348942350. 2

60348942351. 3

60348942352. 4

**Question Number : 81 Question Id : 60348911137 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Following sub criteria is **NOT** applicable for **Tier II** institutions

1. Faculty competencies in correlation to Program Specific Criteria
2. Innovations by the Faculty in Teaching and Learning
3. Visiting/Adjunct/Emeritus Faculty etc.
4. Research and development

Options :

60348942353. 1

60348942354. 2

60348942355. 3

60348942356. 4

Question Number : 82 Question Id : 60348911138 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Following is **NOT TRUE** under sub-criteria, "Faculty as participants in Faculty development/training activities/STTPs":

1. A Faculty scores maximum five points for participation in a year.
2. Participation in 1 day Faculty/ Faculty development program: 1 Point
3. Participation in 2 to 5 days Faculty/ Faculty development program: 3 Points
4. Participation >5 days Faculty/ Faculty development program: 5 points

Options :

60348942357. 1

60348942358. 2

60348942359. 3

60348942360. 4

Question Number : 83 Question Id : 60348911139 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Under subcriteria, "Visiting/Adjunct/Emeritus Faculty etc", Minimum interaction with Visiting/Adjunct/Emeritus Faculty in a year to earn 3 points is:

1. 30 hours
2. 45 hours
3. 50 hours
4. 60 hours

Options :

60348942361. 1

60348942362. 2

60348942363. 3

60348942364. 4

Question Number : 84 Question Id : 60348911140 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

NBA has made it compulsory to have following certification for engineering laboratories

1. NABL Accreditation
2. ISO certification
3. BIS certification
4. None of these

Options :

60348942365. 1

60348942366. 2

60348942367. 3

60348942368. 4

Question Number : 85 Question Id : 60348911141 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Suggested model for continuous improvement is :

1. Plan, Do, Check and Act
2. Observe, Plan, Implement and Review
3. Plan, Implement, Check and Act
4. Plan, Do, Review and Improve

Options :

60348942369. 1

60348942370. 2

60348942371. 3

60348942372. 4

Question Number : 86 Question Id : 60348911142 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

After analysis of non attainment of a Course Outcome, it was found out from feedback, that the teacher was not able to teach the Course properly, then following **SHOULD NOT** be done

1. Counselling of Course Teacher by senior teachers
2. Pedagogical training of teacher
3. Additional resources such as OER, etc. may be provided to teacher
4. Teacher should be insulted and fired.

Options :

60348942373. 1

60348942374. 2

60348942375. 3

60348942376. 4

Question Number : 87 Question Id : 60348911143 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Emphasis of Academic audit is on:

1. Compliance with predetermined standards
2. Self-reflection by the faculty and the department
3. Getting accreditation
4. None of these

Options :

60348942377. 1

60348942378. 2

60348942379. 3

60348942380. 4

Question Number : 88 Question Id : 60348911144 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Maximum marks will be obtained in First year Faculty Student Ratio (FYSTR), if Minimum FYSTR is

1. 12

2. 15

3. 20

4. 25

Options :

60348942381. 1

60348942382. 2

60348942383. 3

60348942384. 4

Question Number : 89 Question Id : 60348911145 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

For calculating First Year Student-Faculty Ratio, following is used for calculating number of faculty members,

1. Number of faculty members in the institute.
2. Number of faculty members in the departments of Science, Humanities and Mathematics
3. Number of faculty members teaching first year courses (considering fractional load)
4. None of these

Options :

60348942385. 1

60348942386. 2

60348942387. 3

60348942388. 4

Question Number : 90 Question Id : 60348911146 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Mentoring includes

1. Professional guidance/career advancement guidance
2. Course work specific/laboratory specific Guidance
3. All round development of student
4. All of these

Options :

60348942389. 1

60348942390. 2

60348942391. 3

60348942392. 4

Question Number : 91 Question Id : 60348911147 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

NBA requires following about feedback

1. It should be computerized
2. Frequency and format has been prescribed by NBA to be followed
3. Record of reward and corrective action must be maintained
4. None of the above

Options :

60348942393. 1

60348942394. 2

60348942395. 3

60348942396. 4

**Question Number : 92 Question Id : 60348911148 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

Audited statements of the Institute:

1. Must be available in Institute's website
2. Should be published in Newspapers
3. Should be sent to NBA annually
4. None of these

Options :

60348942397. 1

60348942398. 2

60348942399. 3

60348942400. 4

**Question Number : 93 Question Id : 60348911149 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 1 Wrong Marks : 0

For delegation of financial powers:

1. Showing circular of delegation of financial powers is sufficient
2. Apart from circular of delegation of financial powers, you have to produce evidence of utilisation at all levels for all assessment years
3. Delegation of financial power is not desired as it can be misused
4. None of these

Options :

60348942401. 1

60348942402. 2

60348942403. 3

60348942404. 4

Question Number : 94 Question Id : 60348911150 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The Institution has to submit Self Assessment Report (SAR) for

1. Department Wise including all the programs currently running
2. Institute Wise
3. Individual program wise
4. Discipline wise one SAR including UG and PG both

Options :

60348942405. 1

60348942406. 2

60348942407. 3

60348942408. 4

Question Number : 95 Question Id : 60348911151 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

After submission of self assessment report (SAR), how many sets of visit dates are submitted by institute to National Board of Accreditation for on site visit?

1. 3
2. 5
3. 6
4. Dates are not required

Options :

60348942409. 1

60348942410. 2

60348942411. 3

60348942412. 4

Question Number : 96 Question Id : 60348911152 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

For Accreditation of Six Years will be granted to Tier- I and Tier-II Institutions, Faculty Student Ratio in the department should be better than or equal to :

1. 1:25 averaged for the previous three academic years including current academic year.
2. 1:20 averaged for the previous three academic years including current academic year.
3. 1:15 averaged for the previous three academic years including current academic year.
4. None of these

Options :

60348942413. 1

60348942414. 2

60348942415. 3

60348942416. 4

Question Number : 97 Question Id : 60348911153 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

For Accreditation of three Years will be granted to **Tier-II** Institutions: Programme should score more than (apart from criteria related to SFR, admissions, etc.):

1. 500 Marks out of 1000
2. 600 Marks out of 1000
3. 700 Marks out of 1000
4. 750 Marks out of 1000

Options :

60348942417. 1

60348942418. 2

60348942419. 3

60348942420. 4

Question Number : 98 Question Id : 60348911154 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

For Accreditation to **Tier- I** institutions, the program will not be accredited if Programme gets following Grade in Criterion – V (Faculty Information & Contributions),

1. Y
2. C
3. W
4. D

Options :

60348942421. 1

60348942422. 2

60348942423. 3

60348942424. 4

Question Number : 99 Question Id : 60348911155 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Part – B of the Programme Evaluator report is a Programme Assessment Worksheet to assess

1. Seven Institute Level Criteria
2. Seven Programme Level Criteria
3. Three Programme level Criteria
4. Three Institute Level Criteria

Options :

60348942425. 1

60348942426. 2

60348942427. 3

60348942428. 4

Question Number : 100 Question Id : 60348911156 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Any institution which does not agree with any of the decisions of NBA, may appeal to NBA within

1. Thirty days after receipt of communication from NBA along with requisite Fees.
2. Sixty days after receipt of communication from NBA along with requisite Fees.
3. Ninety days after receipt of communication from NBA along with requisite Fees.
4. Six months after receipt of communication from NBA along with requisite Fees.

Options :

60348942429. 1

60348942430. 2

60348942431. 3

60348942432. 4