

# National Testing Agency

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## Laboratory and Workshop Management

<b>Group Number :</b>	1
<b>Group Id :</b>	899514168
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<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No

## Laboratory and Workshop Management

<b>Section Id :</b>	899514233
<b>Section Number :</b>	1
<b>Section type :</b>	Online
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	100
<b>Number of Questions to be attempted :</b>	100

**Section Marks :** 100  
**Mark As Answered Required? :** Yes  
**Sub-Section Number :** 1  
**Sub-Section Id :** 899514277  
**Question Shuffling Allowed :** Yes

**Question Number : 1 Question Id : 89951414154 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**  
**Correct Marks : 1 Wrong Marks : 0**

Engineering is a Practical Discipline. It is a hands –on profession where----- is the key.

1. Performance
2. doing
3. presentation
4. achievement

**Options :**

89951455179. 1  
89951455180. 2  
89951455181. 3  
89951455182. 4

**Question Number : 2 Question Id : 89951414155 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**  
**Correct Marks : 1 Wrong Marks : 0**

In assessing the laboratory performance, the evaluation of laboratory report is included in the component of assessment named as

1. Product
2. Process
3. Behaviour
4. Viva-voce

**Options :**

89951455183. 1

89951455184. 2

89951455185. 3

89951455186. 4

**Question Number : 3 Question Id : 89951414156 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Teacher should identify the capabilities he expects to develop among students as a result of instruction are called

1. Performance outcome
2. Education objective
3. Expected outcome
4. Educational goal

**Options :**

89951455187. 1

89951455188. 2

89951455189. 3

89951455190. 4

**Question Number : 4 Question Id : 89951414157 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one of the activities is not related to preparation of demonstration ?

1. Establishing the current level of knowledge of the students
2. Drafting a plan for the demonstration
3. Stating instructional objectives
4. Preparing all training support materials

**Options :**

89951455191. 1

89951455192. 2

89951455193. 3

89951455194. 4

**Question Number : 5 Question Id : 89951414158 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

While students are preparing the experiment, the teacher should

1. Give cues, guidance
2. Encourage students to clarify their doubts
3. Pose questions to check students' understanding
4. Give cues, guidance and demonstration

**Options :**

89951455195. 1  
89951455196. 2  
89951455197. 3  
89951455198. 4

**Question Number : 6 Question Id : 89951414159 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The laboratory and workshop classes bridges between -----and practice.

1. Concept
2. Idea
3. Training
4. Theory

**Options :**

89951455199. 1  
89951455200. 2  
89951455201. 3  
89951455202. 4

**Question Number : 7 Question Id : 89951414160 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The first stage of -----process in the laboratory instruction is stimulus situation

1. Evidence
2. Knowledge
3. Learning
4. Information

**Options :**

- 89951455203. 1
- 89951455204. 2
- 89951455205. 3
- 89951455206. 4

**Question Number : 8 Question Id : 89951414161 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The stage of learning process where listening should be minimized, reading should be minimized and observation should be maximized is called

1. Learning situation
2. Stimulus situation
3. Interaction situation
4. Response situation

**Options :**

- 89951455207. 1
- 89951455208. 2
- 89951455209. 3
- 89951455210. 4

**Question Number : 9 Question Id : 89951414162 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

In independent practical work the teacher should check

1. Accuracy of material
2. Selected apparatus
3. Apparatus set up by student
4. All of the above

**Options :**

89951455211. 1

89951455212. 2

89951455213. 3

89951455214. 4

**Question Number : 10 Question Id : 89951414163 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

A plan indicating expected outcomes, teacher and student activities during various steps of instruction, media to be used and time allocation to various activities is called

1. Unit Plan
2. Session plan
3. Lesson plan
4. Work plan

**Options :**

89951455215. 1

89951455216. 2

89951455217. 3

89951455218. 4

**Question Number : 11 Question Id : 89951414164 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

The second stage of learning process in the laboratory instruction is

1. Response situation
2. Stimulus situation
3. Interaction situation
4. Learning situation

**Options :**

- 89951455219. 1
- 89951455220. 2
- 89951455221. 3
- 89951455222. 4

**Question Number : 12 Question Id : 89951414165 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The relevant learning skill in the continued situation should be imported at stages so that the student acquires knowledge. This condition is applicable

1. Stimulus situation
2. Response situation
3. Interaction situation
4. Learning situation

**Options :**

- 89951455223. 1
- 89951455224. 2
- 89951455225. 3
- 89951455226. 4

**Question Number : 13 Question Id : 89951414166 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The capabilities identified by the teacher expected to be developed among students as a result of instruction is called

1. Learning outcome
2. Specific learning outcome
3. Performance outcome
4. Expected outcome

**Options :**

- 89951455227. 1
- 89951455228. 2
- 89951455229. 3
- 89951455230. 4

**Question Number : 14 Question Id : 89951414167 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

While conducting laboratory assign experiments in group of two to three students when equipment and material are

1. Sufficiently available
2. Not available
3. Not sufficiently available
4. None of the above

**Options :**

- 89951455231. 1
- 89951455232. 2
- 89951455233. 3
- 89951455234. 4

**Question Number : 15 Question Id : 89951414168 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**



A laboratory instruction does not include

1. Objectives and base theory
2. Procedure and precautions
3. Materials required
4. Conclusion

**Options :**

- 89951455235. 1
- 89951455236. 2
- 89951455237. 3
- 89951455238. 4

**Question Number : 16 Question Id : 89951414169 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The purpose and nature of activities in workshop are perform the -----and develop the product.

1. Process
2. Technique
3. Method
4. Way

**Options :**

- 89951455239. 1
- 89951455240. 2
- 89951455241. 3
- 89951455242. 4

**Question Number : 17 Question Id : 89951414170 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Performance based assessment can be applied to assess

1. Communication skill
2. Psychomotor skill
3. Attitude skill
4. All of the above

**Options :**

- 89951455243. 1
- 89951455244. 2
- 89951455245. 3
- 89951455246. 4

**Question Number : 18 Question Id : 89951414171 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The purpose and nature of activities in Laboratory is to -----eagerness in developing and verifying new relationship among variables

1. Breed
2. Raise
3. Elevate
4. Generate

**Options :**

- 89951455247. 1
- 89951455248. 2
- 89951455249. 3
- 89951455250. 4

**Question Number : 19 Question Id : 89951414172 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The introductory steps for Laboratory class taken by teacher is

1. Explaining the relevance of experiment
2. Stating instructional objectives and assessing prerequisite knowledge
3. Explaining the related theory
4. All of the above

**Options :**

- 89951455251. 1
- 89951455252. 2
- 89951455253. 3
- 89951455254. 4

**Question Number : 20 Question Id : 89951414173 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

The lowest degree of realism can be seen in

1. Structured performance test
2. Work sample
3. Pencil-and-paper performance
4. Identification test

**Options :**

- 89951455255. 1
- 89951455256. 2
- 89951455257. 3
- 89951455258. 4

**Question Number : 21 Question Id : 89951414174 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

When students carry out the skill under -----pace this type of student practice is called  
Controlled student performance

1. Superficial and at controlled
2. Close supervision and at controlled
3. Close regulation
4. None of the above

**Options :**

89951455259. 1  
89951455260. 2  
89951455261. 3  
89951455262. 4

**Question Number : 22 Question Id : 89951414175 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No  
Correct Marks : 1 Wrong Marks : 0**

A student who is assigned independent practical work to check his/her understanding which of the following is NOT relevant

1. Objectives
2. Conclusion
3. Procedure
4. Related theory

**Options :**

89951455263. 1  
89951455264. 2  
89951455265. 3  
89951455266. 4

**Question Number : 23 Question Id : 89951414176 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Support materials in preparation for demonstration include

1. Videos
2. Models
3. Marking guides
4. All of the above

**Options :**

- 89951455267. 1
- 89951455268. 2
- 89951455269. 3
- 89951455270. 4

**Question Number : 24 Question Id : 89951414177 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

The selection of appropriate strategy for conducting laboratory depends how the teacher utilizes materials and equipment available in

1. Industry
2. Nearby institution
3. Laboratory
4. Any of the above

**Options :**

- 89951455271. 1
- 89951455272. 2
- 89951455273. 3
- 89951455274. 4

**Question Number : 25 Question Id : 89951414178 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Construction of a bar graph can be assessed by performance outcome on

1. Process
2. Product
3. Product and process
4. Portfolio

**Options :**

- 89951455275. 1
- 89951455276. 2
- 89951455277. 3
- 89951455278. 4

**Question Number : 26 Question Id : 89951414179 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A list of measurable dimensions of a performance or product with a place to record a simple “yes” or “no” judgement is called

1. Portfolios of work
2. Check list
3. Product scale
4. Rating scale

**Options :**

- 89951455279. 1
- 89951455280. 2
- 89951455281. 3
- 89951455282. 4

**Question Number : 27 Question Id : 89951414180 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A graded series of products (usually five or more) carefully chosen to represent successive levels of quality along a inferior-superior continuum is called

1. Product scale
2. Rating scale
3. Check list
4. Protfolios of work

**Options :**

- 89951455283. 1
- 89951455284. 2
- 89951455285. 3
- 89951455286. 4

**Question Number : 28 Question Id : 89951414181 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

In laboratory instruction demonstration at normal speed helps the students to understand

1. Name and parts for recognition
2. What exactly being done
3. What is expected from them
4. Obvious skills

**Options :**

- 89951455287. 1
- 89951455288. 2
- 89951455289. 3
- 89951455290. 4

**Question Number : 29 Question Id : 89951414182 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The process of evaluation where in addition to observation made during performance laboratory report and viva-voce are evaluated is called

1. Formative evaluation
2. Summative evaluation
3. Diagnostic evaluation
4. None of the above

**Options :**

- 89951455291. 1
- 89951455292. 2
- 89951455293. 3
- 89951455294. 4

**Question Number : 30 Question Id : 89951414183 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Performance based assessment can be applied to assess

1. Communication skill
2. Psychomotor skill
3. Athletic skill
4. None of the above

**Options :**

- 89951455295. 1
- 89951455296. 2
- 89951455297. 3
- 89951455298. 4

**Question Number : 31 Question Id : 89951414184 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**



Performance assessment should be focused on the procedure when

1. No product is there
2. Procedure is orderly and observable
3. Correct procedure is crucial to later success
4. All of the above

**Options :**

89951455299. 1

89951455300. 2

89951455301. 3

89951455302. 4

**Question Number : 32 Question Id : 89951414185 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

During demonstration by the teacher in the laboratory the order of three steps are

1. Demonstrate at normal speed, demonstrate slow speed verbal instruction from students
2. Demonstrate at slow speed, demonstrate at normal speed, verbal instruction for students
3. Verbal instructions from students, demonstrate at normal speed, demonstrate at slow speed
4. None of the above

**Options :**

89951455303. 1

89951455304. 2

89951455305. 3

89951455306. 4

**Question Number : 33 Question Id : 89951414186 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

A graded series of products (usually five or more) carefully chosen to represent successive levels of quality along a inferior-superior continuum is called

1. Product scale
2. Rating scale
3. Check list
4. Portfolios of work

**Options :**

- 89951455307. 1
- 89951455308. 2
- 89951455309. 3
- 89951455310. 4

**Question Number : 34 Question Id : 89951414187 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The method of observing, recording and scoring that provides an opportunity to make the degree to which an element is present instead of using simple “present-absent” is

1. Check list
2. Portfolio of work
3. Product scale
4. Rating scale

**Options :**

- 89951455311. 1
- 89951455312. 2
- 89951455313. 3
- 89951455314. 4

**Question Number : 35 Question Id : 89951414188 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Classroom management refers to Instruction sheet familiarization to students, doubt clarification and continuous evolution of student's

1. presentation
2. appearance
3. performance
4. achievement

**Options :**

- 89951455315. 1
- 89951455316. 2
- 89951455317. 3
- 89951455318. 4

**Question Number : 36 Question Id : 89951414189 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

From experiences it has been observed that students tend to adopt -----approaches in laboratory/Workshop work.

1. superficial
2. artificial
3. surface
4. deep

**Options :**

- 89951455319. 1
- 89951455320. 2
- 89951455321. 3
- 89951455322. 4

**Question Number : 37 Question Id : 89951414190 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Generally practice works in the laboratories /workshops are meant for round -----of certain facts and laws.

1. enigma
2. verification
3. paradox
4. contradiction

**Options :**

- 89951455323. 1
- 89951455324. 2
- 89951455325. 3
- 89951455326. 4

**Question Number : 38 Question Id : 89951414191 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

To obtain a broader sample of student performance, and one that represents more typical behaviour the method used for observing, recording and scoring for performance assessment is called

1. Check list
2. Rating scale
3. Portfolios of work
4. Product scale

**Options :**

- 89951455327. 1
- 89951455328. 2
- 89951455329. 3
- 89951455330. 4

**Question Number : 39 Question Id : 89951414192 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

An explicit set of criteria used for assessing a particular type of work or performance and procedures more details than a single grade or mark is called

1. Rating scale
2. Check list
3. Product scale
4. Rubric

**Options :**

- 89951455331. 1
- 89951455332. 2
- 89951455333. 3
- 89951455334. 4

**Question Number : 40 Question Id : 89951414193 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

It is to be remembered that students know best when the instructor plays the role of

1. originator
2. administrator
3. supervisor
4. facilitator

**Options :**

- 89951455335. 1
- 89951455336. 2
- 89951455337. 3
- 89951455338. 4

**Question Number : 41 Question Id : 89951414194 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The first step in the design /planning of training involves an assessment of training needs. The assessment comprises

1. observing lab/workshop instructors performing normal duties
2. interviewing the instructors
3. studying routine reports or performance reviews, along with job descriptions
4. all of the above

**Options :**

- 89951455339. 1
- 89951455340. 2
- 89951455341. 3
- 89951455342. 4

**Question Number : 42 Question Id : 89951414195 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Practical experiences and applications give the trainees the opportunity to apply the knowledge and skills learned in a real life or

1. artificial situation
2. simulated situation
3. stimulated situation
4. inspired situation

**Options :**

- 89951455343. 1
- 89951455344. 2
- 89951455345. 3
- 89951455346. 4

**Question Number : 43 Question Id : 89951414196 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A real situation is illustrated in a brief or presentation, then analysed by participants. This type of learning method is known as

1. Brain Storming
2. Discussion
3. Distance Learning
4. Case study

**Options :**

- 89951455347. 1
- 89951455348. 2
- 89951455349. 3
- 89951455350. 4

**Question Number : 44 Question Id : 89951414197 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The role of technical staff in the laboratory to impart Labour & -----Knowledge.

1. Conceptual
2. Theoretical
3. Technical
4. Abstract

**Options :**

- 89951455351. 1
- 89951455352. 2
- 89951455353. 3
- 89951455354. 4

**Question Number : 45 Question Id : 89951414198 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The delegation of responsibilities in the laboratory class is performed by

1. Technical staff/Technicians
2. Faculty
3. Head of the Department
4. Lab in charge

**Options :**

- 89951455355. 1
- 89951455356. 2
- 89951455357. 3
- 89951455358. 4

**Question Number : 46 Question Id : 89951414199 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The faculty needs advanced training for imparting knowledge on cutting edge technologies, future scope, and -----of laboratories/workshops.

1. rebuilding
2. modernization
3. restructuring
4. reallocating

**Options :**

- 89951455359. 1
- 89951455360. 2
- 89951455361. 3
- 89951455362. 4

**Question Number : 47 Question Id : 89951414200 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**



In laboratories and workshops both faculty member and technician play the role of

1. Mentor
2. Analyst
3. Counsellor
4. Instructor

**Options :**

- 89951455363. 1
- 89951455364. 2
- 89951455365. 3
- 89951455366. 4

**Question Number : 48 Question Id : 89951414201 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Continuous evaluation of performance in the laboratory /workshop class is performed by

1. Faculty
2. Technical staff
3. Faculty and technical staff
4. Laboratory /workshop in charge

**Options :**

- 89951455367. 1
- 89951455368. 2
- 89951455369. 3
- 89951455370. 4

**Question Number : 49 Question Id : 89951414202 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Correct procedures and required standards in the laboratory is shown by

1. Brain Storming
2. Demonstration
3. Case study
4. Discussion

**Options :**

- 89951455371. 1
- 89951455372. 2
- 89951455373. 3
- 89951455374. 4

**Question Number : 50 Question Id : 89951414203 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A real situation is illustrated in a brief or presentation, then analyzed by participants. This type of learning method is known as

1. Brain Storming
2. Discussion
3. Distance Learning
4. Case study

**Options :**

- 89951455375. 1
- 89951455376. 2
- 89951455377. 3
- 89951455378. 4

**Question Number : 51 Question Id : 89951414204 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The full form of OSHA is:

1. Occupational Safety and Health Association
2. Occupational Safety and Health Administration
3. Organizational Safety and Health Administration
4. Organizational Safety and Health Association

**Options :**

- 89951455379. 1
- 89951455380. 2
- 89951455381. 3
- 89951455382. 4

**Question Number : 52 Question Id : 89951414205 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one is not an example of corrosive substance?

1. Phenol
2. Sodium hydroxide solution
3. Hydrochloric acid solution
4. None of the above

**Options :**

- 89951455383. 1
- 89951455384. 2
- 89951455385. 3
- 89951455386. 4

**Question Number : 53 Question Id : 89951414206 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Flame over circle is the GHS labeling of:

1. Flammable substances
2. Combustible substances
3. Oxidizing substances
4. All of the above

**Options :**

- 89951455387. 1
- 89951455388. 2
- 89951455389. 3
- 89951455390. 4

**Question Number : 54 Question Id : 89951414207 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Example(s) of ergonomic related hazard(s) is/are:

1. Noise
2. Stress
3. Repetitive movement
4. Awkward posture

**Options :**

- 89951455391. 1
- 89951455392. 2
- 89951455393. 3
- 89951455394. 4

**Question Number : 55 Question Id : 89951414208 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

An example of psychological hazard is:

1. Noise
2. Stress
3. Radiation
4. None of the above

**Options :**

- 89951455395. 1
- 89951455396. 2
- 89951455397. 3
- 89951455398. 4

**Question Number : 56 Question Id : 89951414209 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

When selecting appropriate glove materials, which property is not important:

1. Degradation rating
2. Breakthrough time
3. Colour of the material
4. Permeation rate

**Options :**

- 89951455399. 1
- 89951455400. 2
- 89951455401. 3
- 89951455402. 4

**Question Number : 57 Question Id : 89951414210 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one is not an eye protector in laboratory work:

1. Shielded safety google
2. Glass eye shield
3. Full face shield
4. None of the above

**Options :**

- 89951455403. 1
- 89951455404. 2
- 89951455405. 3
- 89951455406. 4

**Question Number : 58 Question Id : 89951414211 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

SOP needed, when:

1. Introducing new work practices
2. Introducing new technology
3. Workplace inspection
4. All of the above

**Options :**

- 89951455407. 1
- 89951455408. 2
- 89951455409. 3
- 89951455410. 4

**Question Number : 59 Question Id : 89951414212 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

General health and safety in a wood workshop includes

1. Good housekeeping
2. Eye protection
3. Protecting from sharp object
4. All of the above

**Options :**

- 89951455411. 1
- 89951455412. 2
- 89951455413. 3
- 89951455414. 4

**Question Number : 60 Question Id : 89951414213 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which is not common hazards by lathe?

1. Sharp object
2. Hot shrapnel in eyes
3. Radiation
- 4.) None of the above.

**Options :**

- 89951455415. 1
- 89951455416. 2
- 89951455417. 3
- 89951455418. 4

**Question Number : 61 Question Id : 89951414214 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Ignitable hazardous waste has flash point temperature:

- 1.>60 °C
- 2.<60 °C
- 3.>100 °C
4. None of the above

**Options :**

- 89951455419. 1
- 89951455420. 2
- 89951455421. 3
- 89951455422. 4

**Question Number : 62 Question Id : 89951414215 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Corrosive hazardous waste has pH:

1.  $\leq 2$
2.  $\geq 12.5$
3. Both 1& 2 are correct
- 4.) None of the above

**Options :**

- 89951455423. 1
- 89951455424. 2
- 89951455425. 3
- 89951455426. 4

**Question Number : 63 Question Id : 89951414216 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**



Which waste is not a corrosive waste?

1. Nitric acid
2. Phenol
3. Ethanol
4. Concentrated NaOH solution

**Options :**

89951455427. 1  
89951455428. 2  
89951455429. 3  
89951455430. 4

**Question Number : 64 Question Id : 89951414217 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Needle can be considered in which waste category?

1. Sharp
2. Glassware
3. Chemical
4. None of the above

**Options :**

89951455431. 1  
89951455432. 2  
89951455433. 3  
89951455434. 4

**Question Number : 65 Question Id : 89951414218 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Reactive hazardous substances:

1. Readily catch fire
2. Readily corrode metal
3. Readily interact with other substances
4. None of the above

**Options :**

- 89951455435. 1
- 89951455436. 2
- 89951455437. 3
- 89951455438. 4

**Question Number : 66 Question Id : 89951414219 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Magnetic field is an example of

1. Ergonomic hazard
2. Physical hazard
3. Psychological hazard
4. None of the above.

**Options :**

- 89951455439. 1
- 89951455440. 2
- 89951455441. 3
- 89951455442. 4

**Question Number : 67 Question Id : 89951414220 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Major route(s) of hazard(s) exposure is/are

1. Skin absorption
2. Inhalation
3. Injection
4. All of the above

**Options :**

- 89951455443. 1
- 89951455444. 2
- 89951455445. 3
- 89951455446. 4

**Question Number : 68 Question Id : 89951414221 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Hazards associated with cryogenic substances is/are:

1. Cold burn
2. Frostbite
3. Asphyxiation
4. All of the above

**Options :**

- 89951455447. 1
- 89951455448. 2
- 89951455449. 3
- 89951455450. 4

**Question Number : 69 Question Id : 89951414222 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Example(s) of mechanical hazard(s) in a workshop is/are:

1. Rotating object
2. Sharp object
3. Extremely high pressure
4. All of the above

**Options :**

- 89951455451. 1
- 89951455452. 2
- 89951455453. 3
- 89951455454. 4

**Question Number : 70 Question Id : 89951414223 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Hazard(s) associated with high energy electric filed is/are:

1. Shock
2. Burn
3. Electrocution
4. All of the above

**Options :**

- 89951455455. 1
- 89951455456. 2
- 89951455457. 3
- 89951455458. 4

**Question Number : 71 Question Id : 89951414224 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Technician is supporting for successful ----- of laboratory experiment.

1. conclusion
2. assumption
3. hypothesis
4. suggestion

**Options :**

89951455459. 1  
89951455460. 2  
89951455461. 3  
89951455462. 4

**Question Number : 72 Question Id : 89951414225 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

In Laboratory and Workshop “----- Collaboration” takes place between Faculty Member and Technician.

1. Formal
2. Prescribed
3. Professional
4. Recommended

**Options :**

89951455463. 1  
89951455464. 2  
89951455465. 3  
89951455466. 4

**Question Number : 73 Question Id : 89951414226 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The role of Technician in Laboratory and Workshop Technician - ----- and Technical Knowledge

1. Strength
2. Labour
3. Effort
4. Power

**Options :**

- 89951455467. 1
- 89951455468. 2
- 89951455469. 3
- 89951455470. 4

**Question Number : 74 Question Id : 89951414227 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Impart `-----` concept by including student representative in the `team` consisting of lab/workshop in charge, technical staff.

1. partnership
2. relationship
3. ownership
4. membership

**Options :**

- 89951455471. 1
- 89951455472. 2
- 89951455473. 3
- 89951455474. 4

**Question Number : 75 Question Id : 89951414228 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Primary goals of -----maintenance Preservation and enhancement of equipment reliability.

1. predictive
2. preventive
3. selective
4. exploitive

**Options :**

- 89951455475. 1
- 89951455476. 2
- 89951455477. 3
- 89951455478. 4

**Question Number : 76 Question Id : 89951414229 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Technique that helps to determine the condition of in-service equipment in order to predict when maintenance should be performed is

1. predictive
2. preventive
3. selective
4. exploitive

**Options :**

- 89951455479. 1
- 89951455480. 2
- 89951455481. 3
- 89951455482. 4

**Question Number : 77 Question Id : 89951414230 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Oil analysis determines if bearings or components are

1. tight, touching
2. loose, moving
3. fitted, stirring
4. none of the above

**Options :**

- 89951455483. 1
- 89951455484. 2
- 89951455485. 3
- 89951455486. 4

**Question Number : 78 Question Id : 89951414231 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Through workshop experience students should be able to carry out a range of ----- skills which are appropriate for the learning of a particular job.

1. calculating
2. manipulative
3. scheming
4. none of the above

**Options :**

- 89951455487. 1
- 89951455488. 2
- 89951455489. 3
- 89951455490. 4



**Question Number : 79 Question Id : 89951414232 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

For detection of hot spots, thermal load imbalance at safer distance in a plant by

1. Oil analysis
2. Thermography
3. Vibration analysis
4. Fracture analysis

**Options :**

- 89951455491. 1
- 89951455492. 2
- 89951455493. 3
- 89951455494. 4

**Question Number : 80 Question Id : 89951414233 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The maintenance refers to repair of equipment /machinery in order to bring it back to original operating condition is known as

1. Predictive
2. Preventive
3. Corrective
4. Breakdown

**Options :**

- 89951455495. 1
- 89951455496. 2
- 89951455497. 3
- 89951455498. 4

**Question Number : 81 Question Id : 89951414234 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Quality output from any machine/equipment depends on machine's

1. repeatable performance
2. nonrepeatable performance
3. non recurrence performance
4. none of the above

**Options :**

- 89951455499. 1
- 89951455500. 2
- 89951455501. 3
- 89951455502. 4

**Question Number : 82 Question Id : 89951414235 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

Ammeter has built in resistance, which can't be removed either way. So the only way is to

1. maximize it
2. minimize it
3. neutral it
4. replace it

**Options :**

- 89951455503. 1
- 89951455504. 2
- 89951455505. 3
- 89951455506. 4

**Question Number : 83 Question Id : 89951414236 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 1 Wrong Marks : 0**

The process of evaluation where in addition to observation made during performance laboratory report and viva-voce are evaluated is called

1. formative evaluation
2. diagnostic evaluation
3. summative evaluation
4. none of the above

**Options :**

- 89951455507. 1
- 89951455508. 2
- 89951455509. 3
- 89951455510. 4

**Question Number : 84 Question Id : 89951414237 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one of the activities not related to preparation of demonstration?

1. establishing the current level of knowledge of the students
2. drafting a plan for the demonstration
3. preparing all training support materials
4. stating instructional objectives

**Options :**

- 89951455511. 1
- 89951455512. 2
- 89951455513. 3
- 89951455514. 4

**Question Number : 85 Question Id : 89951414238 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The introductory steps for laboratory class taken by teacher is

1. explaining the relevance of experiment
2. explaining the related theory
3. stating instructional objectives and assessing prerequisite knowledge
4. all of the above

**Options :**

89951455515. 1

89951455516. 2

89951455517. 3

89951455518. 4

**Question Number : 86 Question Id : 89951414239 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

As the students arrive the laboratory talking to them and asking them questions to find out about the material that has been covered in lectures is called strategy for

1. pre-laboratory talks
2. beginning the laboratory
3. main practical session
4. summarizing

**Options :**

89951455519. 1

89951455520. 2

89951455521. 3

89951455522. 4

**Question Number : 87 Question Id : 89951414240 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Causes of laboratory incidents:

1. Lack of understanding of hazards
2. Inadequate training
3. Lack of accountability
4. All of the above

**Options :**

89951455523. 1

89951455524. 2

89951455525. 3

89951455526. 4

**Question Number : 88 Question Id : 89951414241 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Safety management can be achieved through the applications of:

1. Common sense
2. Good housekeeping
3. A safety-focused attitude
4. All of the above

**Options :**

89951455527. 1

89951455528. 2

89951455529. 3

89951455530. 4

**Question Number : 89 Question Id : 89951414242 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one is not a PPE:

1. Face shield
2. Hard hat
3. Normal prescribed glasses
4. Respirator.

**Options :**

89951455531. 1

89951455532. 2

89951455533. 3

89951455534. 4

**Question Number : 90 Question Id : 89951414243 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Design and engineering in a risk assessment reduces:

1. P
2. S
3. P and/or S
4. None of the above

**Options :**

89951455535. 1

89951455536. 2

89951455537. 3

89951455538. 4

**Question Number : 91 Question Id : 89951414244 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which factor is not important for the design of lab coat:

1. Tight cuffs
2. Proper fits
3. Color
4. Appropriate material for hazard to be encountered

**Options :**

- 89951455539. 1
- 89951455540. 2
- 89951455541. 3
- 89951455542. 4

**Question Number : 92 Question Id : 89951414245 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

What is the full name of GHS in waste management?

1. Globally harmonized system
2. General harmonized system
3. Globally harmonized symbol
4. None of the above

**Options :**

- 89951455543. 1
- 89951455544. 2
- 89951455545. 3
- 89951455546. 4

**Question Number : 93 Question Id : 89951414246 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Example(s) of poisonous substance(s) is/are:

1. Benzene
2. Ethanol
3. Mercury
4. Sodium hydroxide

**Options :**

89951455547. 1  
89951455548. 2  
89951455549. 3  
89951455550. 4

**Question Number : 94 Question Id : 89951414247 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one is not a chemical waste?

1. Residual toluene
2. Chemical contaminated paper towel
3. Chemical contaminated syringe needle
4. None of the above

**Options :**

89951455551. 1  
89951455552. 2  
89951455553. 3  
89951455554. 4

**Question Number : 95 Question Id : 89951414248 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**



Pick up incompatible waste pair

1. Ethanol and acetone
2. Sulphuric acid and sodium hydroxide
3. Benzene and toluene
4. Hydrochloric acid and nitric acid

**Options :**

89951455555. 1  
89951455556. 2  
89951455557. 3  
89951455558. 4

**Question Number : 96 Question Id : 89951414249 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which is not a flammable/combustible waste substance:

1. Methanol
2. Magnesium
3. Propane
4. Mercury

**Options :**

89951455559. 1  
89951455560. 2  
89951455561. 3  
89951455562. 4

**Question Number : 97 Question Id : 89951414250 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

----- can be considered as sharp waste category

1. Glassware
2. Chemical
3. Needle
4. Food material

**Options :**

- 89951455563. 1
- 89951455564. 2
- 89951455565. 3
- 89951455566. 4

**Question Number : 98 Question Id : 89951414251 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Reactive hazardous substances:

1. Readily catch fire
2. Readily corrode metal
3. Readily interact with other substances
4. Readily absorb other substance

**Options :**

- 89951455567. 1
- 89951455568. 2
- 89951455569. 3
- 89951455570. 4

**Question Number : 99 Question Id : 89951414252 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Skin absorption is one of the major routes of chemical exposure:

1. Do not agree
2. Partially agree
3. Fully agree
4. None of the above

**Options :**

- 89951455571. 1
- 89951455572. 2
- 89951455573. 3
- 89951455574. 4

**Question Number : 100 Question Id : 89951414253 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

According to the U. N. classification, benzene is an example of corrosive substance

1. Do not agree
2. Partially agree
3. Fully agree
4. None of the above

**Options :**

- 89951455575. 1
- 89951455576. 2
- 89951455577. 3
- 89951455578. 4