

Exam_correction

1. Give the definition of “ profession ” ? (2)

A **profession** is a type of occupation that involves specialized training, education, and expertise in a specific field.

Name four (04) functions of an engineer? (3)

Analysis and Design	Project Management	Implementation
Testing and Evaluation	Optimization	Maintenance
Quality Management	Technical Communication	Research and Development
Regulatory Compliance		

2. Name 3 steps which are necessary to search a job in a specific profession? (5)

Self-assessment	Define your career goal	Update your resume and cover letter
Use online platforms	Professional networking	Utilize public employment services
Follow companies	Interview preparation	Continuous learning

3. What is a “ job description ” ? (2)

A job description is a written explanation that outlines the essential responsibilities and requirements for a vacant position. Job descriptions should be exhaustive, clear, and concise. Its main objective is to clearly present all aspects of a job role to the applicant.

What information should it contain? (3)

A job description contains certain information like:

Basic Information	Job Summary	Key Responsibilities	Specific Tasks
Required Skills	Qualifications and Experience		Working conditions
Location	Additional Information		Application Process

4. Why did you choose to study engineering? (3)

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What is the main mission of an engineer in your own specialty? (2)

Process engineer: The main mission of a process engineer is studying, sizing, and implementing production units in various sectors, including the oil and gas industry, environment, chemical industry, agri-food, pharmacy,... It is also optimizing production processes, managing resources, and addressing challenges related to transforming raw materials into finished products. Another crucial role is to understand the physical, chemical, and thermodynamic principles that govern industrial processes.

Civil engineer: The main mission of a civil engineer is to conceive, plan, design, construct, operate, and maintain buildings, bridges, highways, airports, railways, tunnels, waterways ports and harbors, dams, water supply and wastewater treatment systems. They aim to improve health and safety for people, minimize impact to the environment, consider costs and resources, and promote overall sustainability.

Mechanical engineer: The main mission of a mechanical Engineer is to design, build, and test mechanical devices and systems using engineering, physics, and mathematics principles. They are responsible for analyzing problems and designing solutions for mechanical and thermal devices, developing and testing prototypes, overseeing the manufacturing process for mechanical components, equipment, and systems, evaluating and improving their efficiency.

Electrical engineer: The main mission of an electrical engineer is to design, develop, test and maintain electrical systems and components. It is also to harness the principles of electricity and electronics to create solutions that improve everyday life, drive technological progress, and contribute to societal advancement while ensuring safety, efficiency, and sustainability