

नेपाल आयल निगम लि.  
आन्तरिक प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

पद: बरिष्ठ सहायक तह: ५ (पाँचौं) सेवा: प्राविधिक समूह: ईन्जिनियरिङ्ग - मिस्त्री  
परीक्षाको किसिम: लिखित

पत्र	विषय	पूर्णाङ्क	परीक्षा प्रणाली	प्रश्न संख्या	अंकभार	समय
	सेवा सम्बन्धि	१००	बस्तुगत बहुउत्तर	२५	२५ X ४	१ घण्टा ३० मिनेट

सेवा सम्बन्धि

1. Types of Engines: Difference between petrol engines and diesel engines. Automotve and statinary engines, Two stroke and Four stroke engines, Basic knowledge of Gears, Clutch and Accelerator, Basic knowledge of carburettor, Injector, Fuel Pumps etc.
2. Electric Motors and Starters: Basic knowledge of Generators and Diesel Generating sets, Basic knowledge of Different types of Batteries and their uses.
3. Pumps and their uses: Centrifugal pump and reciprucating pump, Dispensing pumps, Gear pumps etc.
4. Basic knowledge of Gate valves, check valves, foot valves, strainers and pressure release valves.
5. Lubricating Oils, Greases, Coolant etc.
6. Gasket, seals, bearings etc.
7. Threaded joints (not & bolt), Rivetted joints, welded joints, pipe joints etc.
8. Basic knowledge of welding generators, welding transformers.
9. Evaporation and condensation of liquids of rise and fall of temperature.
10. Basic knowledge of fire hydrant systems, fire monitors.
11. Basic knowledge of pipelines, hosepipes and fire hoses.
12. Fundamentals of A/C & D/C voltage and current.
13. Fuses, Earthing of power systems, over voltage and its protectin, lightening arrestors etc.
14. Basic knowledge of Aircraft Refullers, fire fighting equipments and their uses.
15. Basic knowledge of Electric moter rewinding and repair of power generating sets.
16. Oxy-Acetelene welding sheet metal joints by folding & wiring soldering.