భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

INDICATIVE SYLLABUS AND SCHEME OF EXAM

POST NO. 16.11.1-JUNIOR TECHNICIAN-ARTIFICIAL INTELLIGENCE

Ref: Notification No. IITH/2024/NF/16 dated 19.10.2024.

1. **Selection Process:** Candidates should secure minimum qualifying marks as laid down by the selection committee in PART-A and PART-B below. The final selection will be based on aggregate marks obtained from PART-A and PART-B with part-wise weightages to be 20% for PART A and 80% for PART B. PART C(Skill Test) is qualifying in nature and no weightage will be given for skill test in final selection. Candidates must qualify in the skill test to be considered for selection. The syllabus provided below is for illustrative purposes only.

2. **Syllabus:**

   i. **Written Test:**

   PART-A: General Ability Test
   Syllabus: English grammar and vocabulary, Reasoning, Quantitative Aptitude, and General Awareness

   PART-B: Technical Knowledge
   Syllabus: Linux operating system, system administration, HPC cluster management ,user management, storage, SLURM/any other workload management systems, Job scheduling, Network file system, Networking and security management of switches, Shell scripting, Open source software installations, Networking concepts.

   ii. **Skill Test**

   PART-C:
   Test pattern: Written and lab experiments in a Linux environment.
   Syllabus: same as mentioned in PART-B.

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