

लोक सेवा आयोग
नेपाल नागरिक उड्डयन प्राधिकरण, प्राविधिक, आई. टी., पाँचौं, वरिष्ठ सहायक पदको खुला
प्रतियोगितात्मक लिखित परीक्षा
२०८०।१०।०५

दिवस : द्वितीय
समय : २ घण्टा ३० मिनेट

पूर्णाङ्क : १००

विषय : सेवा सम्बन्धी

प्रत्येक Section को उत्तर छुट्टाछुट्टै उत्तरपुस्तिकामा लेख्नुपर्नेछ । अन्यथा उत्तरपुस्तिका रद्द हुनेछ ।

Section "A"

50 Marks

1. Explain the characteristics of 3rd and 4th generation computers. 5
2. What is Operating System? Explain the major functions of Operating System. 1+4=5
3. Differentiate between Internet and WWW. Describe the task of IPCONFIG, PING and NSLOOKUP. 2+3=5
4. What is application security? Briefly explain about the types of application security controls. 2+3=5
5. What is mail merge in Microsoft Word? Explain the mail merge process using an appropriate example. 1+4=5
6. What is the difference between relative cell and absolute cell reference? Explain with the help of suitable example. 5
7. List any ten Basic Linux commands with their usage. 10
8. What is Presentation System? Write short notes on Slide Show View, Slide Master and Slide Sorter View in the context of MS PowerPoint. 1+3+3+3=10

Section "B"

50 Marks

9. Discuss the importance of formatting and validating field data. How are they different from each other? 3+2=5
10. Differentiate between Web Server and Proxy Server. 5
11. What are the characteristics of data warehouse? Explain. 5
12. Briefly explain about the types of loops in C programming language. 5
13. How is Software Configuration Management different from Software Quality Assurance? Explain. 5
14. What are the functions, power and duties of Controller as per the Electronic Transaction Act, 2063? List them. 5
15. Why normalization is carried out? Explain 1NF, 2NF, 3NF and BCNF with example. 2+8=10
16. What is object oriented programming? Briefly explain the features required for object oriented programming language with the help of suitable examples. 2+8=10