

KEY ID

प्रथम चरण : पूर्व योग्यता परीक्षा

समय : ३ घण्टा

पूर्णाङ्क : १००

विषय : कम्प्युटर सम्बन्धी

उत्तरपुस्तिकामा प्रश्नपत्रको KEY अनिवार्य रूपले उल्लेख गर्नुपर्नेछ । उल्लेख नगरेमा उत्तरपुस्तिका रद्द हुनेछ ।
Calculator, Mobile प्रयोग गर्न पाइने छैन ।

बहुवैकल्पिक प्रश्नोत्तरहरू

५०×२ = १००

१. You want to track the progress of the stock market on a daily basis. Which type of chart you use ?
A. Pie Chart B. Row Chart C. Line Chart D. Column chart
२. A feature that displays only the data in column (s) according to specified criteria.
A. Formula B. Sorting C. Filtering D. Pivot
३. Cell range A3 through G3 should be written as.....
A. A3-G3 B. Auto shape C. A3:G3 D. A3 to G3
४. Which is used to replace a repetitive series of keyboard and mouse actions ?
A. Mail merge B. Auto shape C. Macros D. OLE
५. Word Processor command which issued to move selected text to another part of a document
A. Drag and Drop B. Copy and Paste
C. Find and Replace D. Cut and paste
६. Indention in computer word processing is used to
A. Make the text readable B. Change the paragraph color
C. Apply border around text D. Change line spacing
७. A structure of linked elements through which the user can navigate, interactive multimedia becomes.
A. Hypermedia B. Hypertext C. Intermedia D. Digital media
८. A video consists of a sequence of
A. Frames B. Packets C. Singles D. Pulses
९. Which of the following is technique to blend two or more images to form a new image ?
A. Modeling B. Morphing C. Animating D. Warping
१०. Which one of the following extends and attends private network across public network ?
A. WAN B. MAN C. SAN D. VPN
११. A firewall is installed at the point where the secure internal network and untrusted network meet which is also known as.
A. Check point B. Meeting point C. Firewall point D. Secure point
१२. In the layer hierarchy as the data packet moves from the upper to the lower layers, headers are
A. Added B. Removed C. Rearranged D. Modified
१३. Network connectivity is tested by following command
A. Ipconfig B. Nslookup C. Dig D. Ping
१४. Operating system does not perform
A. Managing I/O B. Managing files system
C. Running programs D. Translation of Programs

१४. Which one is system threate ?
 A. Port Scanning B. Logic Bomb C. Trap Door D. Trojan Horse
१५. To access the services of operating system, the interface is provided by the
 A. System calls B. Library C. Trap Door D. Trojan Horse
१७. Which desktop environment is not used in any linux distribution ?
 A. gnome B. kde
 C. unity D. none of the above
१८. Parity and data are shared among all N+1 disks in RAID level
 A. 2 B. 4 C. 5 D. 6
१९. The addressing mode, where you directly specify the operand value is
 A. direct B. relative C. indirect D. immediate
२०. RISC machines have
 A. Less number of registers and less instructions
 B. Large number of registers and less instructions
 C. Less number of registers and more instructions
 D. Large nuymber of registers and more instructions
२१. The associatively mapped virtual memory makes use of
 A. Translation Look aside Buffer B. Page Table
 C. Frame Table D. None of the above
२२. The capacitance of a reverse biase PN junction
 A. Increases as reverse bisase in increased B. Decrease as reverse blas in increased
 C. Increases as reverse bias is decereased D. Is significantly low
२३. Which of the following controls voltage ?
 A. Resister B. Diode C. Transistor D. LED
२४. The value of α in a transistor is
 A. equal to 1 B. less than 1 and more than 0.9
 C. about 0.4 D. about 0.1
२५. can not be fabricated on an IC.
 A. Transistors B. Diodes
 C. Resistors D. Large inductors and transformers
२६. When a pentavalent impurity is added to a pure semiconductor, it becomes
 A. An insulator B. An intrinsic semiconductor
 C. p-type semiconductor D. n-type semiconductor
२७. External devices that are connected to a computer system are know as
 A. Expansion cords B. Peripheral devices
 C. Buses D. Slots
२८. Which of the following is not a type of motherboard expeansion slot ?
 A. ISA B. PCI C. AGP D. ATX
२९. Boot sequence is changed form
 A. Setting B. Control Panel C. Taskbar D. BIOS
३०. Which backup is useful for high end system?
 A. 4 mm helical B. AIT C. 8 mm helical D. DVD
३१. Which backup is useful for high end system ?
 A. 4 mm helical B. AIT
 C. Memory manufacturer D. Flash manufacture
३२. Where should you look to interpret different beep codes ?
 A. CPU manufacturer B. BIOS manufacture
 C. Memory manufacturer D. Flash manufacturer
३३. Which one display fake virus alerts ?
 A. Keylogger B. Omputer worm
 C. Scareware D. Computer virus

३४. Storage capacity of magnetic disk depends on
 A. Tracks per inch of surface B. Bits per inch of tracks
 C. Disk pace in disk surface D. All of the above
३५. are main memory.
 A. Primary and Secondary B. Sequential and Random
 C. Hard disk and pendrives D. RAM and ROM
३६. As per Electronic Transaction Act - 2063, which organization issues digital signature/ digital certificate to end users ?
 A. OCC B. DOIT C. CA D. NTA
३७. When was Nepal Rastra Bank Established ?
 A. 1952 AD B. 1954 AD C. 1956 AD D. 1958
३८. CSS comes in types .
 A. 2 B. 3 C. 4 D. 5
३९. Client and web server have a connection of type.
 A. Continuous B. Dependent
 C. Premanent D. Non continuous
४०. An alternative of Javascript on windows platform is
 A. VB Script B. ASP.NET C. JSP D. AJAX
४१. Which notation is used to eend any HTML tag ?
 A. // B. / C. * D. I
४२. Function which causes retrieval of any kind of data from database is considered as
 A. Key B. Query C. Structure D. Storing cycle
४३. The basic data type char (n) is a length character string and character.
 A. Fixed, Equal B. Equal, Variable
 C. Fixed, Variable D. Variable, Equal
४४. Commit and rollback are related to
 A. Data integrity B. Data consistency
 C. Data Sharing D. Data Checking
४५. The term attribute is referred by
 A. Row B. Record C. Key D. Column
४६. In Which Normal from there exists transitive dependency ?
 A. First Normal Form B. Record
 C. Third Normal Form D. All of the above
४७. Feature which allows as to view slides in a slide show tihout manually advancing each slide is
 A. Adding build effect B. Setting slide time
 C. Adding transition D. Adding bullets
४८. If you want to print slides without color and background which option do you select ?
 A. Grayscale B. Pure black and white
 C. Black D. White
४९. The arrangement of elements such
 A. Layout B. Presentation C. Design D. Scheme
५०. Which option is there when you click insert menu and then Table button in MS power Point ?
 A. Insert table B. Draw table
 C. Excel Spreadsheet D. All of the above



लोक सेवा आयोग
नेपाल राष्ट्र बैंक, प्रशासन, सहायक द्वितीय, सहायक (सु.प्र) पदको
प्रतियोगितात्मक लिखित परीक्षा
२०७५/१०/२५

पत्र: द्वितीय

समय : २ घण्टा ३० मिनेट

पूर्णाङ्क : १००

विषय : सेवा सम्बन्धी

प्रत्येक (Section) को उत्तर छुट्टै छुट्टै उत्तरपुस्तिकामा लेख्नुपर्नेछ । अन्यथा उत्तरपुस्तिका रद्द हुनेछ ।

Section "A"

50 Marks

1. What is storage device? Write down the type of storage device. [5]
2. What is storage device? Write down the types of storage device. [1.5+3.5]
3. Compare between 'nnp' and 'pnp' transistors.
4. How do you differentiate between fragmentation and segmentation in memory management? Write down. [5]
5. What are the functions of operating systems? Write a short note about permission for users on linux. [3+2]
6. How does OSI reference model differ with TCP/IP reference model? state. [5]
7. What is data compression? Differentiate between lossy data compression and lossless data compression. [2+3]
8. How do you create mail merge in MS word? Describe with examples. [5]
9. How do you validate and protect the worksheet ? Write. [5]
10. Write the steps from the following questions for MS PowerPoint [2.5+2.5]
 - a. How can you customize slide layout?
 - b. How can you set password?

Section "B"

50 Marks

11. Why do we need Normalization? Explain with examples. [5]
12. Differentiate between HTML and CSS with examples. [5]
13. What are the objectives and functions of Nepal Rastra Bank? Briefly state. [5]
14. What are the provisions of information security in NRB-IT guidelines? [5]
15. Describe basic computer architecture. [5]
16. Differentiate and elaborate physical security of IT infrastructure and digital security. [5]
17. How does proxy serve work? Explain. [5]
18. What is RAID ? Explain. [5]
19. What is software? Explain the types of software with examples. [5]
20. Write down the threats of social media in short. [5]

