New SLOs based Guess Paper for SSC Annual-II Examination 2023

As per a by the Controller of Examinations Khyber Pakhtwonwa, the forthcoming SSC Annual-I (9th Class) Exam 2023 will be based on these SLOs-based papers.

COMPUTER SCIENCE GROUP

UNIT NO. 1   FUNDAMENTAL OF COMPUTER

KNOWLEDGE BASED QUESITONS. 30%
1. Difference between Engine and Analytical engine.
2. Write a note on invention of Microprocessor and Fourth-generation of computers?
3. Write a note on Artificial Intelligence and fifth-generation of computers?
4. Elaborate the scope of the careers in the field of information technology.
5. Differentiate between hardware and software of a computer.
6. Describe the working and structure of motherboard.

UNDERSTANDING BASED QUESTIONS. 50%
1. Describe the working and structure of Microprocessor.
2. What is an impact printer? How does it work? Describe he different features of Dot matrix printer.
3. Justify the statement that computer evolution is a continuous process.
4. List history and generations of computer.
5. What is the function of input devices?
6. Why the keys on keyboard are arranged in alphabetical order?
7. Difference between PROM and EPROM.
8. Elaborate open source software, shareware and free ware.
9. Difference between analog and digital computers.
10. Difference between systems software and application software.

APPLICATION BASED QUESTIONS. 20%
1. What will happen in storage devices are removed from a computer?
2. Difference between CAD and CAM.

UNIT NO. 2   FUNDAMENTAL OF OPERATING SYSTEM.

KNOWLEDGE BASED QUESITONS. 30%
1. A GUI operating system provides a user-friendly interface explain it.
2. Briefly explain the process of installation of window 10- Operating system?
3. What are the objectives of windows defender?
4. Why operating system is important software for a computer? Give any five reasons.
5. Define UNIX and in windows operating system.
6. Differentiate between single-user and multi-user operating system.

UNDERSTANDING BASED QUESTIONS. 50%
1. List common types of operating systems?
2. List the classification of operating system.
3. What is system installation?
4. Give any three objectives of operating system?
5. What is meant by resources of computer?

LONG QUESTION.
1. Explain the main functions of operating system.
2. Explain in detail four basic icons of GUI operating System.
3. Describe the following computer interfaces.
   a. Command line Interfaces. b. Graphical User Interface
4. Write notes on Macintosh and Linux operating systems.
5. What is an operating system? Explain some common tasks of functions of an operating system.

UNIT NO.3   OFFICE AUTOMATION

KNOWLDEGE BASED QUESTIONS. 30%

1. Define Table, Cell and Dimension of the table.
2. What is a word processor? Write some advantages of it over a typewriter.
3. Differentiate between page break and section break.
4. What is the use of hyperlink in a word document?
5. Define Spreadsheet. What are the advantages of Spreadsheet?
6. Write the steps to open the Excel Program.

UNDERSTANDING BASED QUESTIONS. 50%

1. Explain in installation of office automation software.
2. Describe the steps for opening the MS program.
3. Explain the process of inserting and editing text.
4. Explain the steps to copy or move the first two sentences of the paragraph.
5. Highlight the steps to insert Word art in a document.
6. Why header and footer are important in a Word document?
7. Why hyperlinks are created in Word document?

APPLICATION BASED QUESTIONS. 20%

1. Name any three areas of application of Excel.
2. Difference between relative and absolute cell addressing in excel.
3. How graphical representation of spreadsheet data can be helpful in business.

UNIT NO. 4   DATA COMMUNICATION.

KNOWLEDGE BASED QUESTIONS. 30%

1. Difference between analog and digital signals.
2. What is meant by transmission impairment?
3. Differentiate between attenuation and distortion.
4. What is Dial-up modem? Why is it used?
5. Define data rate and baud rate.

UNDERSTANDING BASED QUESTIONS.50%

1. Define transmission data.
2. Why do satellites stay in orbit and never fall on the earth?
3. Define amplification.
4. List the data transmission terminologies.
5. Why digital signals are used in computer systems?
6. Give any three reasons why guided communication medium is more reliable than unguided medium.

LONG QUESTIONS.

1. Describe the components of communication system with the help of diagram.
2. Describe any three types of unguided media.
3. Describe the function of the following communication devices.
   a. Router   b. Network Interface Card   c. Switch/Access point

UNIT NO.5   COMPUTER NETWEORKS.

KNOWELDGE BASED QUESTIONS. 30%.

1. What is meant by computer network?
2. What is meant by data transmission?
3. Differentiate between Half-duplex and Full-duplex transmission modes.
4. Define Network architecture?
5. Difference between a server and a client computer.
6. Compare LAN and WAN.
7. What is ISDN?
8. What is CDMA Technology?

UNDERSTANDING BASED QUESTONS. 50%

1. Write a note on Point-to-Point networks.
2. List three modes of data transmission.
3. What is meant by communication over network?
4. Explain different types of modem which are commonly used.
5. Why star topology is more reliable than bus or ring topologies?

LONG QUESTIONS.
1. What are the advantages of using networks?
2. What is WAN? Write three advantages and three disadvantages of WAN
3. Explain the types of network topologies.

UNIT NO. 6   BOOLEAN ALGEBRA
KNOWELDGE BASED QUESTIONS. 30%
1. What is Boolean algebra?
2. What is Proposition and Boolean constant?
3. What are Boolean Variables?
4. What is AND and OR operation.
5. What is Boolean Expression?

UNDERSTANDING BASED QUESTIONS. 50%
1. What is Truth Table?
2. Difference between Identity Elements and Distributive Law?
3. What is De-Morgan's Law?
4. What is Literal?
5. Difference between Minterm and Maxterm?
6. What is Karnaugh Map?
7. Write advantages of using Boolean Algebraic laws?

UNIT NO.7   COMPUTER SOFTWARE.
KNOWELDGE BASED QUESTONS. 30%
1. Difference between Computer software and application software.
2. What are Batch Files?
3. Difference between Internal and External commands.
4. Difference between DOS and Window.

UNDERSTANDING BASED QUESTIONS. 50%
1. Difference between .com and .exe programs?
2. How do you launch the command processor under Windows XP?
3. Write down the procedure for writing autoxexec.bat file.
4. Difference between volume and xcopy commands.

UNIT NO.8   INTRO TO WINDOED.
KNOWLEDGE BASED QUESTIONS. 30%
1. What is Window Operating System?
2. What is Icon?
3. What is folder?
4. What is Windows Explorer?
5. What is shut down Process?
6. What is computer Virus?

UNDERSTANDING BASED QUESTIONS. 50%
1. Difference between virus and worm?
2. Differentiate between file and folder.
3. What is Register?
4. What is control Panel and Wall paper?
5. What is Computer virus and Antivirus?
6. What is Multi-Tasking?
7. Difference between Internet Explorer and Windows Explorer?
8. Explain for ways of spreading of Virus in Computers.