



BOARD OF SECONDARY EDUCATION KARACHI

MODEL QUESTION PAPER

S.S.C. (ANNUAL) EXAMINATIONS 2021 for IX, 2022 for X & ONWARDS

COMPUTER STUDIES (THEORY)

Science Group

Class IX

Max Marks: 60

Time: 3 Hours

General Instructions

Section "A" It consists of 12 Multiple Choice Questions (MCQs) and all of them are to be answered.

Section: "B" It consists of 15 Short – Answer Questions of which 10 questions are to be answered.

Section: "C" It comprises 05 Descriptive – Answer Questions of which 03 questions are to be answered

SECTION "A" (MCQs- MULTIPLE CHOICE QUESTIONS)

Time Duration 30 Minutes

(12 Marks)

Q 1. Choose the correct Answer for each from the given Options:

(i) A person who uses different programming languages to develop program is called:

- * Software Engineer
- * Web Designer
- * Data Base Administrator
- * Graphic Designer

(ii) Analog and Digital computer gave birth the computer:

- * Hybrid computer
- * Main Frame
- * Micro
- * Mini

(iii) The devices which are used as a means of communication in computer systems:

- * BUSES
- * Keyboard
- * Mouse
- * Modem

(iv) In this operating system, jobs are executed in groups:

- * Batch processing
- * Time Sharing
- * Single user
- * Real time

(v) This function is used to Re-arrange data according to specific criteria:

- * Filtering
- * sorting
- * organizing
- * Grouping

(vi) The collection of raw facts and figures is:

- * Data
- * Information
- * Both of them
- * None

(vii) Physical and Logical addresser are:

- * Different
- * Unique
- * Permanent
- * Temporary

(viii) The number of Bits used in an IPV4 address is:

- * 16
- * 32
- * 64
- * 128

(ix) Software are mostly Protected under:

- * Parents
- * Copyrights
- * Trademarks
- * Logos

(x) Click this link and win 5 vouchers at McDonald's. This is an example of:

- * Scam
- * Phishing
- * Click jacking
- * Hacking

(xi) A web browser will translate the codes in a web page if the extension of the document is:

- * html
- * txt
- * doc
- * pdf

(xii) WWW stands for :

- * World Wide Web
- * World Wild Web
- * World Word Web
- * All of these



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COMPUTER STUDIES (THEORY)

Time: 2 ½ Hours

CLASS IX

Max. Marks: 48

SECTION " B" (SHORT ANSWER QUESTIONS) (30 Marks)

Note: Answer any TEN (10) questions from this section. All questions carry equal marks.

- Q.2. Define BUS. How many types of BUSES?
- Q.3. Define Electronic Era. In how many generations Modern age can be divided?
- Q.4. Enlist any three components present on Motherboard.
- Q.5. What do you understand by the term "Batch Processing Operating System"
- Q.6. Define Themes Groups.
- Q.7. Distinguish between Analog & Digital Signals. (any three)
- Q.8. How can we measure Bit Rate and Baud Rate? Give an example of each.
- Q.9. Define Antivirus. Mention commonly used Anti Viruses. (any three)
- Q.10. What is ethical hacking?
- Q.11. Write down the basic components of DBMS.
- Q.12. Write down steps to design ER-Model.
- Q.13. Define the following HTML tags <png> <center>
- Q.14. Write full form of the following.
*ISDN * GPS *DSL
- Q.15. Enlist Components of Communication System. Define any two
- Q.16. Define Computer Network.

SECTION " C" (DESCRIPTIVE – ANSWER QUESTIONS) (18 Marks)

Note: - Attempt any THREE (03) questions from this section. All questions carry equal marks.

- Q.17. Discuss the features of all generations with the help of generation table.
- Q. 18. Define Interface. How many types of Interfaces are there? Describe in detail.
- Q. 19. Define Topology Explain its types.
- Q. 20. Define Referential Keys. Also mention their types.
- Q. 21. Explain cyber bullying with examples.