Pakistan School,Kingdom of Bahrain
PreBoard Exams May-June 2021

Computer Studies – HSSC-II

**SECTION – A (Marks 10)**

**Time Allowed: 20 Minutes**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Note: -** Section-A is compulsory. Deleting/Overwriting is not allowed. Do not use lead pencil.

**Q.1. Circle the correct option i.e. A/B/C/D. Each part carries one mark.**

1. A Language Translator is a
	1. System Software b. Low Level Language
2. Application Software d. None of these
3. What type of printer is called page printer?
	1. Inkjet printers b. Laser printers c. Dot matrix d. Drum printer
4. Which of the following is NOT a symbol used in Flow Chart
	1. Parallelogram b. Diamond

c. Rectangle d. Triangle

1. The steps that translates instructions into commands that the CPU can process is called:
	1. Translate b. Fetch

c. Decode d. Execute

1. A general purpose, single purpose computer is known as:
	1. Super computer b. Main frame computer

c. Mini computer d. Personal computer

1. The expression 20 Mod 8 has a value equal to :
	1. 2 b. 3 c. 4 d. 5
2. Software that controls and manages the actual operations of hardware is called:
	1. Application b. System Software c. Freeware d. Customized software
3. Which of the following BASIC command is used to automatically generate line numbereach time enter key is pressed
	1. COUNT b. LINENO c. LOAD d. AUTO
4. ROM is a \_\_\_\_\_\_\_ memory
	1. Volatile b. Non-volatile c. Flexible d. Accurate
5. What is the output of the following code?

10 CLS

20 PRICE=25

30 IF PRICE <> 20 THAN PRICE = 10 ELSE PRICE = PRICE \* 2

40 PRINT PRICE

50 END

* 1. 10 b. 25 c. 50 d. None of these

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**Time Allowed: 2:15 minutes**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**\_\_Total Marks Sections B and C: 40**

**Note: -** Answer any EIGHT parts from Section ‘B’ and any TWO questions from section ‘C’.

**SECTION – B (Marks 39)**

**Q.2. Attempt any EIGHT parts. The answer to each part should not exceed 3 to 4 lines.** **(08 x 3 = 24)**

1. Differentiate between Digital & Analog Computers
2. Differentiate between Primary memory, secondary storage and Cache memory
3. Convert 3GB into Bytes?
4. List out some activities of control unit
5. Define System Software. Also list its types
6. What will be the output of following code?

10 CLS

20 N=1

30 WHILE N<=5

40 PRINT N, N^2, N^3

1. Describe briefly Coding & Testing stage of program preparation.
2. Draw flowchart for above given BASIC code.
3. How are BASIC commands executed in Direct mode?
4. Write down syntax of FOR—NEXT loop with example
5. Differentiate between INPUT and READ DATA statement

**SECTION – C (Marks 16)**

**Note: Attempt any THREE questions. All questions carry equal marks. (8 x 2 = 16)**

Q.3 What is Problem solving? Why are Algorithm & Flowchart designed to solve a problem?

Q.4 Write short note on the following:

1. ZIP Disk
2. Control Statement
3. Language Translator
4. High level languages

**Q.5** Explain the uses of computer in the following fields:

1. Education
2. Business
3. Medical