

KENDRIYA VIDYALAYA, PANGODE

UNIT TEST – JULY 2015

COMPUTER SCIENCE

CLASS: XI

MARK:40

TIME:1.30 hrs

1. Give the different generations of computers and their features. 3
2. What is application software? Give examples. 2
3. What is system software? Give 2 examples. 3
4. 12 Gb=B 1
5. Define booting. 3
6. How to rename a folder in Windows operating system? 1
7. Compare between Compact Disc and Hard Disc. 2
8. $99=(\dots\dots\dots)_2$ 1
9. 24 MB=.....b 1
10. Explain the parts of CPU with a neat diagram. 4
11. What are different types of ROM? 3
12. Explain the classification of operating system with examples for each. 4
13. What are MICR, OMR? 1
14. $(\dots\dots\dots)_2 = 79$ 1
15. Distinguish between SRAM and DRAM. 2
16. $BAD = (\dots\dots\dots)_{10}$ 1
17. Write notes on types of RAM 3
18. With a neat block diagram explain the parts of computer 4

Q.NO.	KEY
1	5 generations and features of each.
2	Definition and examples 1 mark each
3	Definition and examples 1 mark each
4	$(12 \times 1024 \times 1024 \times 1024) / 8 \text{ b}$
5	Definition, Need of loading program, need of OS 1 mark each
6	Right click and select rename option from list OR select the file and click once more and type the name
7	Hd-magnetic, CD-optical, track-spiral(CD), concentric for HD
8	1100011
9	$24 \times 1024 \times 1024 \times 8 \text{ b}$
10	Diagram -1, CU, ALU, MU-3marks
11	PROM, EPROM, EEPROM
12	4 classifications with example- each 1 mark
13	Expansion of the terms and use of each
14	1001111
15	SRAM-flipflops, DRAM-capacitor, SRAM-costly, DRAM-cheap, DRAM-refreshing, SRAM-no need of refreshing
16	B-11, A-10, D-13, $13 + 10 \times 16 + 11 \times 16 \times 16$
17	DRAM(SDRAM, EDO DRAM, DDR, RDRAM), SRAM
18	Block diagram-2 marks, explanation 1 mark each part