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Sardar Patel University

FYBA (Advanced): SEM-I (CBCS) (REG. & NC) UA01AECA22 – Basic Computer Applications-I

Date: 1	[Qth	Decemb	er,	2022,	Saty@day
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Time: 10:00 AM to 01:00 PM

Total Marks: 60

Marks

Q. -1 Attempt the Following Questions.

(15)

- 1) How many unique digits in binary number system:
 - a. 1

b. 2

c. 8

- d. 10
- 2) Write full form of NIC:
 - a. Network Interface Card
- b. Network Intermediate Card
- c. Network Interface Code
- d. Network Intermediate Code
- 3) Following was used in second generation of computer:
 - a. IC

b. Vacuum Tube

c. Transistors

- d. None
- 4) Operating System is an examples of Application Software:
 - a. True

- b. False
- 5) Windows XP is an example of:
 - a. Application Software
- b. System Software
- c. Formatting Software
- d. None
- 6) In hexadecimal number system, 10 represents by:
 - a. A

b. B

c. C

- d. D
- 7) Hub is network device:
 - a. True

- b. False
- 8) Write full form of ROM
- 9) 1 byte equals to:
 - a. 4 bits

b. 8 - bits

c. 4 - nibble

- d. 8 nibbles
- 10) Write full form of ALU:
 - a. Algorithm and Logical Unit
- b. Arithmetic-Logic Unit
- c. Arithmetic Operation and Logical Operation Unit
- d. None of these
- 11) Hard Disk (Hard Drive) is:
 - a. Output Device

- b. Input Device
- c. Memory Device
- d. None
- 12) Write full form WAN:
 - a. Wide Area Network
- b. WWW Area Network
- c. World Area Network
- d. None of these

13)	In Flow Chart, Rectangle Symbol is a. Input c. Process	used for: b. Output d. Decision			
14)	In Binary Number System, maximur a. 0 c. 2	n digits is: b. 1 d. 3			
15)	How many unique digits in decimal a. 10 c. 8	number system: b. 9 d. 7			
Q. – 2	Write a note on, History and Genera	ation of Computer.	(15)		
		DR .			
Q. – 2	Explain in detail: Simple Batch Operating System and Multiprogramming Operating System				
Q. – 3	List different output devices. Explain any five in detail.				
	(OR .			
Q. – 3	Explain in detail: Hub, Switch and Router				
Q. – 4	Attempt any two:				
1)	List different input devices. Explain any three in detail.				
2)	List different applications of computer. Explain any two of them.				
3)	Write / Draw a flow chart to make product of two numbers.				
4)	Convert the following:				
	a) $(51)_{10} = (?)_{16}$ b) $(10001)_{10}$ c) $(121)_{10} = (?)_{8}$ d) $(11011)_{10}$	$(1)_2 = (?)_8$ $(0)_2 = (?)_{16}$			