

JB Academy, Ayodhya
Annual Examination(23-24),
Class : IX ,Computer Applications (Code 165)

Maximum Marks: 40

Time Allowed: 2 hours

General Instructions:

- 1. This Question Paper has 4 Sections A-D.**
- 2. All Questions are compulsory. However, an internal choice is provided.**
- 3. Section A has 10 questions carrying 1/2 mark each.**
- 4. Section B has 7 Very Short Answer (VSA) type questions carrying 02 marks each.**
- 5. Section C has 6 Short Answer (SA) type questions carrying 03 marks each.**
- 6. Section D has 1 Long Answer (LA) type question carrying 03 marks.**

Section – A (All questions are compulsory)

1. Which part of the CPU controls the flow of data inside the computer system?
a) ALU b) CU c) MU d) None
2. Which of the following is a character recognition device?
a) OCR b) BCR c) MICR d) DVD
3. 1 TB is equal to
a) 1024x1024GB b) 1025 MB c) 1024KB d)1024x1024MB
4. Shortcut key to start a slide show
a) F5 b) Ctrl+S c) F10 d)Alt+P
5. The moving effect applied on a slide is known as
a) Animation b) Designing c) Transition d) Slide show
6. A cell having a bold black boundary in the worksheet is known as
a) First Cell b) New Cell c) Bold Cell d) Active cell
7. Cell formed by 5th row and 3rd column
a) C5 b) E3 c) 5C d) 3E
8. Which program silently infect the computer and corrupt the files of a host computer?
a) Spyware b) Worms c) Trojan Horse d) Spam

Questions No-9 & 10 are Assertion and Reason types. Each question consists of two statements, namely, Assertion (A) and Reason (R). Select the most suitable option considering the Assertion & Reason.

9. Assertion (A): During online transactions some sensitive information is sent over the network.
Reason (R): Use only a secure website for doing such types of transactions online.

- (a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A)
 - (b) Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).
 - b) Assertion (A) is true and Reason (R) is false.
 - c) Assertion (A) is false and Reason (R) is true.
10. Assertion (A): Plotter is an input device.
Reason (R): It is used for printing high-quality posters, flex, charts and graphs
- a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A)
 - b) Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).
 - c) Assertion (A) is true and Reason (R) is false.
 - d) Assertion (A) is false and Reason (R) is true.

Section - B (2 marks each)

2. Define IPO cycle.
OR
Draw and explain the block diagram of computer system.
3. Differentiate between Worms and Trojan horse.
4. Define about the following terms
 - a. firewall
 - b. Cyber Stalking
5. Write short notes on the following
 - a. Biometric Devices
 - b. Device Driver
6. Expand the following terms
 - a. Wi-Fi
 - b. DVD
 - c. SMPS
 - d. LED
7. What do you know about primary memory? Explain its types.
8. Write a python program to find a given number is odd or even.

Section - C (3 marks each)

9. What do you understand by the term Computer Virus? Explain its types with examples.
10. Write about the different types of views in PowerPoint.
11. Draw and explain the different components of charts.

OR

Write about the following types of charts

- a. Column charts
- b. Pie Chart
- c. Line chart

12. What do you know about cell referencing? Explain any two types of cell referencing.

OR

Do as directed:

- i. What are variables in python? How can we store a value in a variable.
- ii. Write a python program to input 5 numbers and find it's average

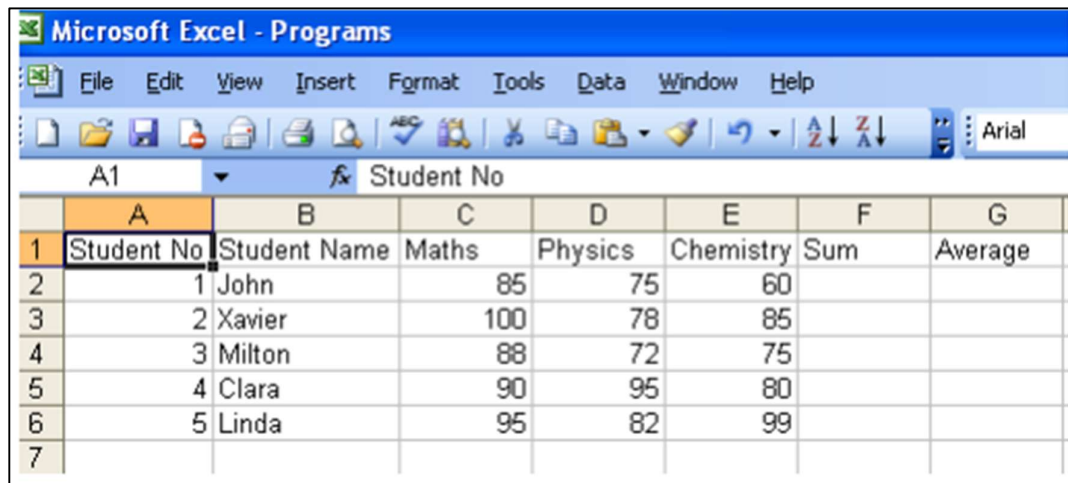
13. Define the following terms

- a. Worksheet b. Handouts c. Malware

14. What do you know about System Software? Explain different types of system software.

Section - D case study (3marks)

15. Let us consider the problem of finding the total and average of 3 subject marks for five students in a class in the board exam. The data is entered into the spread sheet as shown below:



	A	B	C	D	E	F	G
1	Student No	Student Name	Maths	Physics	Chemistry	Sum	Average
2	1	John	85	75	60		
3	2	Xavier	100	78	85		
4	3	Milton	88	72	75		
5	4	Clara	90	95	80		
6	5	Linda	95	82	99		
7							

Write the correct formula/function to calculate the given tasks:-

- a) Find the Sum and Average of the marks for each student.
- b) Find the highest marks and lowest marks in each subject
- c) Include a column Remarks and if the average is more than 90 then it must be "EXCELLENT" otherwise "GOOD RESULT".