B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL

ANNUAL EXAMINATION (2025-26)
COMPUTER APPLICATION (165)

Class : IX   Duration: 2 Hrs.
Date : 14-02-2026   Max. Marks : 50
Admission No.:   Roll No.:

General Instructions:

1) This Question Paper has 5 Sections A-E.

2) All Questions are compulsory. However, internal choices have been provided in some of the

3) Section A has 12 questions carrying 01 mark each.

4) Section B has 7 Short Answer (SA-I) type questions carrying 02 marks each.

5) Section C has 4 Short Answer (SA-II) type questions carrying 03 marks each.

6) Section D has 1 Long Answer (LA) type question carrying 04 marks.

7) Section E has 2 Source based /Case-based /Passage based Questions carrying 04 marks each.

Q. No.

Section-A (12 x 1 = 12 Marks)
This section contains 12 Multiple Choice questions carrying 01 mark each.

1. The Physical components of the computer system are called _____.   1
(a) Software   (b) Hardware   (c) Firmware   (d) Liveware

2. This memory is for short term storage and is lost when the computer is turned off.   1
(a) ROM   (b) CPU   (c) Hard disk   (d) RAM

3. The primary job of the operating system of a computer is to :   1
(a) command resources   (b) be user friendly   (c) provide utilities   (d) All of the above

4. Which is not the function of an operating system ?   1
(a) Memory management   (b) Disk management
(c) Application program management (d) Virus protection

5. Transmission of computerized data from one location to another is called _____.   1
(a) data transfer   (b) data flow   (c) data communication   (d) data management

6. Full form of LAN is: 1
(a) Legal All Network   (b) Legal Area Network
(c) Wide Area Network   (d) Value added Network

7. Internet may be termed as an example of :   1
(a) LAN   (b) MAN   (c) WAN   (d) All the above.

8. The communication media used for wireless network is collectively called _____.   1
(a) Cables media   (b) Satellite media   (c) Guided media   (d) Unguided media

9. What name is given to a malicious program that comes in disguise of a useful program ?   1
(a) Trojan Horse   (b) Invisible Man   (c) Stowaway   (d) Uninvited guest

10. Cut operation can also be accomplished by using the shortcut key _____.   1
    (a) CTRL + A   (b) CTRL + X   (c) CTRL + C   (d) CTRL + V

11. Which of the following is a presentation graphics software ?   1
    (a) Linux   (b) Writer   (c) Calc   (d) Impress

12. Calc worksheets are given _____ extension.   1
    (a) .odf   (b) [=sign]   (c) .ods   (d) .odw

13. When accessing a website, which icon can be seen in the address bar to indicate that the website   1
    is secure ?
    (a) Arrow   (b) padlock   (c) Shield   (d) House

Questions No-11 & 12 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

14. **Assertion (A):** Using antivirus software helps in protecting a computer system from malware.   1
    Reason (R): Antivirus software detects, blocks, and removes malicious programs from the
    system.
    (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.

15. **Assertion (A):** Personal information should not be shared on unknown websites.   1
    Reason (R): Unknown websites may misuse personal information for fraudulent activities.
    (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.

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Section-B (7X2 = 14 Marks)
This section contains 07 Short Answer type questions carrying 02 marks each.

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16. What are the major strengths and weaknesses of computer ?   2

17. What is the function of memory ? What are its measuring units ?   2

18. What is the difference between an interpreter and a compiler ?   2

19. What is Internet ? What are its uses ?   2

20. Name the different types of Computer Networks.   2

21. What is Cyber safety ? Why is it important ?   2

22. Why are passwords considered an important safety tool ?   2

23. Differentiate between a Slide and Slide show.   2

24. Given a worksheet, with five records. Solve the given two questions and show formula also. 2
    i) Calculate total marks of each student.
    ii) Calculate the average marks of this class.

Roll No.	Name	English	Maths	Science	Total
1	Aman	78	85	80	
2	Riya	82	88	84	
3	Kunal	75	79	77	
4	Neha	90	92	89	
5	Arjun	68	72	70	

Section-C (4X3 = 12 Marks)
This section contains 04 Short Answer type questions carrying 03 marks each.

25. Name three functions of an Operating System. Explain each type. 3

26. A school has a computer lab, a library, and an administrative office located within the same campus. The school wants to connect all the computers so that they can share files, printers, and an internet connection efficiently. 3

    Answer the following:
    i) Which type of network should the school use?
    ii) Mention one advantage of using this type of network in the school.
    iii) Name one networking device required to set up this network.

27. A student's computer starts working very slowly and some files get deleted automatically after installing free software from an unknown website. 3
    Identify the possible reason and explain any three ways in which malware can damage a computer system.

28. Your school is organizing an Inter-School Science Exhibition. You have been asked to prepare a notice using OpenOffice Writer to inform students about the event. 3

    Answer the following:
    i) Which OpenOffice Writer feature will you use to align the text properly in the notice?
    ii) Name the feature used to change the font style and size of the heading.
    iii) Which option will you use to save the document in PDF format?

29. Your teacher has asked you to prepare a presentation on Cyber Safety to be shown during the school assembly using OpenOffice Impress. 3

    Answer the following:
    i) Which feature of OpenOffice Impress will you use to apply the same design to all slides?
    ii) Name the option used to insert a new slide with a predefined layout.
    iii) Which feature will you use to add transition effects between slides?

Section-D (1X4 = 4 Marks)
This section contains 01 Long Answer (LA) type question carrying 04 marks.
30. Explain the four types of an Operating System with example. 4

Section-E (2 X 4 = 8 Marks)
This section contains 2 Source based /Case-based /Passage based Questions carrying 04 marks each.

31. A small school has two computer labs and a staff room. The school wants all the computers to be connected so that teachers can share files, use a common printer, and access the internet from any room. The computers are located within the same school building.   4

    Answer the following questions:
    i) Which type of network is most suitable for connecting computers within the school?
    ii) Mention one advantage of using this type of network in the given situation.
    iii) Name one networking device required to connect the computers.
    iv) Identify the network topology that is commonly used in school or office networks.

32. Rohan received an email claiming that he had won a smartphone in an online contest. The email asked him to click on a link and enter his personal details, including his phone number and password, to claim the prize. Without verifying the source, Rohan clicked on the link and shared the details. Later, he noticed unusual activities on his email and social media accounts.   4

    Answer the following questions:
    i) Identify the type of cyber threat involved in this case.
    ii) Mention one mistake made by Rohan.
    iii) State one possible harm caused due to this cyber threat.
    iv) Suggest one safety measure Rohan should follow to avoid such situations in the future.

33. Meera is preparing a project report for her Computer Applications class using OpenOffice. She needs to type the content neatly, present data in a table, and create a short presentation to explain her project to the class. She wants her work to look professional and error-free.   4

    Answer the following questions:
    i) Which OpenOffice tool should Meera use to type and format the project report?
    ii) Name the OpenOffice tool she should use to create and manage tables and calculations.
    iii) Which OpenOffice tool will help her prepare the presentation for the class?
    iv) Mention one feature of OpenOffice that helps in making the document error-free.

***** BEST OF LUCK *****