PART – I

Answer any 5 questions from 1 to 6. Each carries 1 score.   **(5 × 1 = 5)**

1. Select the true statements among the given below about the function of CPU.
    (i)   All major comparisons are made inside it
    (ii) Accept instruction and data from the outside world
    (iii) It has three components ALU, CU and Registers
    (a) (i) and (iii)   (b) (ii) and (iii)   (c) All of the above

2. The default alignment of the text data entered in a cell is _____
    (a) Right   (b) Left   (c) Center

3. The short cut key for opening saved presentation document is _____.
    (a) Ctrl + O   (b) Ctrl + V   (c) Ctrl + C

4. The transmission media which carry information in the form of light signals is called _____ .
    (a) Coaxial cable   (b) Optical fiber cable   (c) Twisted Pair Cable

5. Which of the following is not a search engine ?
    (a) Facebook   (b) Google   (c) Bing

6. Pick the odd one out.
    (a) e-Book reader   (b) e-Business   (c) e-Text

PART – II

Answer any 9 questions from 7 to 18. Each carries 2 scores.   **(9 × 2 = 18)**

7. List the character representation methods in a computer.

8. Write a short note about Control Unit.

9. Differentiate RAM and ROM.

10. Define freezing of rows.

11. Differentiate between ROUNDUP and ROUNDDOWN functions.

12. How can you play background music in presentation ?

13. List the different views in presentation software.

14. Compare Raster and Vector images.

15. List any four selection tools in GIMP.

16. How can you remove a point from the path ?

17. What is the use of repeater in computer networks ?

18. Your neighbour Ravi purchased a new PC for his personal use. Mention the components required to connect this PC to Internet.

PART – III

Answer any 9 questions from 19 to 29. Each carries 3 scores.   **(9 × 3 = 27)**

19. Briefly explain about storage unit in a computer.

20. What is e-waste ? List the different e-waste disposal methods.

21. Some devices are given below; categorize them as its usage
    (a) Joystick   (b) CRT monitor   (c) LCD projector
    (d) Lightpen   (e) QR Code reader   (f) Laser printer

22. Briefly explain cell referencing.

23. Match the following :

A	B
AVERAGE ( )	Convert "WELCOME" to "welcome"
MAX( )	Returns True' if all the conditions are true otherwise returns 'false'
UPPER( )	Calculate the average of a given set of values
SUM( )	Convert "welcome" to "WELCOME"
AND( )	Gives the maximum values in a list of numbers
LOWER( )	Calculate the total of a set of numbers

24. What do you mean by rehearse timings in slide transition ?

25. Write any six transform tools in GIMP.

26. Differentiate Subtractive Colour Method and Additive Colour Method.

27. Explain any three disorts filters.

28. Write any three advantages and limitations of social media.

29. Write any three benefits and challenges of e-governance.

PART – IV

Answer any 2 questions from 30 to 32. Each carries 5 scores. **(2 × 5 = 10)**

30. (a) Define software. **(2)**
    (b) Classify the following softwares as Operating system, Utility software and Application programs : **(3)**
        (i) WinZip
        (ii) Linux
        (iii) Spread sheet
        (iv) Presentation software
        (v) DOS
        (vi) WinRAR

31. (a) Define chart.
    (b) Write the steps for creating a chart.
    (c) List any four chart elements.

32. List and explain any five data communication devices in computer network.

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