Answer Paper - Paper II

01. (3) 02. (3) 03. (4) 04. (3) 05. (1) 06. (4) 07. (2) 08. (1) 09. (1) 10. (3)
11. (3) 12. (2) 13. (2) 14. (3) 15. (3) 16. (4) 17. (2) 18. (3) 19. (4) 20. (3)
21. (4) 22. (3) 23. (1) 24. (3) 25. (3) 26. (1) 27. (3) 28. (2) 29. (1) 30. (3)
31. (2) 32. (4) 33. (4) 34. (4) 35. (1) 36. (4) 37. (3) 38. (3) 39. (1) 40. (1)
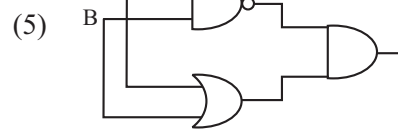
Paper II

01. (1) ★ E-Commerce ★ Online shopping ★ Online Trading ★ Accounting software
   ★ Computer networks ★ internet and website related to the business.

(2) ★ relevant ★ Accuracy ★ Timely ★ low cost

(3) ★ Data input ★ process ★ out put information ★ storage information
   ★ communication

(4) A - 521_8 B - 73_8 (5)
   101010001_2 111101_2

(6) X = 1   Y - 0

(7)

CRT - more space	LCD - less space
very high power consumption	very low power consumption
very heavy	very light or not very heavy
comparatively cheep.	Comparatively expensive

(8) Windows   Menus
   Icons   Pointers

(9) O_2 Subscript 1st Superscript   (10) Ada Augusta Lovelace

02. (1) Artificial Intelligence

(2)

The 1ˢᵗ Computer generation	**The 2ⁿᵈ Computer generation**
❖ Used Vacuum Tubes	❖ Used Integrated Circuits
❖ Punch Cards used for data input and output tasks	❖ Key board and mouse used to data input.
❖ Based on machine language	❖ Used the high level computer languages.
❖ Got very large space. very big	❖ very small size

(3) 1. Education field - WBT web based teaching.
   ❖ use the multimedia facilities   ❖ distance education
   ❖ E-learing learning management.

   2. Agricultural field - weather measuring instrument or machines   ❖ drip irrigation
   ❖ plantation with Robo technology   ❖ Automatic weeding machines
   ❖ Green houses.

   3. Entertainment sector - Social Network
   ❖ Computer games
   ❖ download the songs, movies video etc. in the internet.
   ❖ Taking Digital photos, painting.

(4) Super Computer   - Military service

Mainframe Computer   - High scale trading or business

Mini Computer   - bank system

Personal Computer   - house, school

03. (1) ★ Sharing of resources   ★ Speed to transfer data and information with computers ★ Ease in centralized software management   ★ security   ★ Internet and E-mail facilities.

(2) ★ Advertising about that business using websites

★ Networking the other business branches and managing at one place.

(3) Star Topology

★ Easy to connect few computers to that network.

★ Easy to identify errors computer in the network.

★ It is not affected to whole network.

★ Can easy in connect and remove the computers where necessary.

Ring Topology

★ Can see fast data transmission

★ Can easy connect computer

★ It is good for very small network place.

(4)

LAN	WAN
★ Spread in a small area	★ Spread in a large area
★ can easy to maintain and manage	★ Very complex task to maintaining and
★ good for limited areas	manage. Ex: Internet
Ex: office, school	

04. (1) $(A.\overline{B}).(\overline{A}+B)$

(2)

A	B	$\overline{A}$	$\overline{B}$	$A.\overline{B}$	$\overline{A}+B$	$(A.\overline{B}).(\overline{A}+B)$
0	0	1	1	0	1	0
0	1	1	0	0	1	0
1	0	0	1	1	0	0
1	1	0	0	0	1	0

(3) i) 100111_2 ii) 100101_2

   - 11111_2 1001_2

      1000_2 11100_2

(4) $3D_{16} = 61$

$$\begin{array}{ll} 3 & D \\ 16^0 \rightarrow & 1 \times 13 = 13 \\ 16^1 \rightarrow & 16 \times 3 = 48 \\ \hline & 61 \end{array}$$

05. (1) A   - insert   - Word Art   B   - insert   - Picture

      C   - insert   - Table   D   - insert   - Shape

      E   - Home   - Bullets

(2) ★ Select save button → Select my Document → Type the File name → Save

               Or

★ Click office button → Save as → Select my Document → Type the file name → Save

(3) A   - Left Alignment   B - Line Space