

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

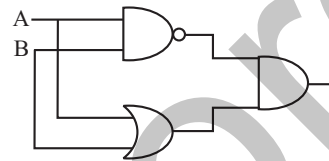
01. (1) ★ E-Commerce ★ Online shopping ★ Online Trading ★ Accounting software
 ★ Computer networks ★ internet and website related to the business.

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

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

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

(5)



- (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 cheap.	Comparatively expensive

- (8) Windows Menus
 Icons Pointers

- (9) O₂ Subscript 1st Superscript (10) Ada Augusta Lovelace

02. (1) Artificial Intelligence

(2) The 1st Computer generation

- ❖ Used Vacuum Tubes
- ❖ Punch Cards used for data input and output tasks
- ❖ Based on machine language
- ❖ Got very large space.
very big

The 2nd Computer generation

- ❖ Used Integrated Circuits
- ❖ Key board and mouse used to data input.
- ❖ Used the high level computer languages.
- ❖ very small size

- (3) 1. Education field - WBT web based teaching.

- ❖ use the multimedia facilities
- ❖ E-learning learning management.
- ❖ distance education

2. Agricultural field - weather measuring instrument or machines

- ❖ plantation with Robo technology
- ❖ Green houses.
- ❖ drip irrigation
- ❖ Automatic weeding machines

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

- ★ Spread in a small area
 - ★ can easy to maintain and manage
 - ★ good for limited areas
- Ex: office, school

WAN

- ★ Spread in a large area
- ★ Very complex task to maintaining and manage. Ex: Internet

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

(2)

A	B	\bar{A}	\bar{B}	$A \cdot \bar{B}$	$\bar{A} + B$	$(A \cdot \bar{B}) \cdot (\bar{A} + B)$
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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
 - 11111_2

 1000_2

ii) 100101_2
 - 1001_2

 11100_2

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

3	D	
	$16^0 \rightarrow$	$1 \times 13 = 13$
	$16^1 \rightarrow$	$16 \times 3 = 48$
		61

05. (1) A - insert - WordArt
 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