ANS1

[VARIOUS MENUS]

— APPLICATION   — FILE
— PLACES   — EDIT
— SYSTEM   — VIEW

ANS2

FACTOR	[GUI]	[CLI]
① INTERACTION	ICONS, MENUS	PURE TEXTUAL
② USABILITY	USER-FRIEDNLY	LEARNING CURVE
③ RESOURCE USAGE	HIGH	LIGHTWEIGHT

XIII. Exercise:

1. What are system calls provided by file management?
2. Draw and explain services provided by operating system.
3. What are system component of operating system.

(Space for Answer)

ANS1

[SYSTEM CALLS BY FILE]

— open()   — write()
— close()   — rename()
— read()   — mkdir()
— opendir()   — readdir()
— closedir()   — stat()

ANS.3

[SYSTEM COMPONENTS OF AN OS]

- KERNEL
- PROCESS MANAGMENT
- MEMORY MANAGEMENT
- FILE SYSTEM
- DEVICE DRIVERS

XIV. References/ Suggestions for Further Reading

1. https://www.tutorialspoint.com/unix/
2. http://www.ee.surrey.ac.uk/Teaching/Unix/
3. https://www.cs.sfu.ca/~ggbaker/reference/unix/

XV. Assessment Scheme

	Performance Indicators	Weightage
	Process related (15 Marks)	**30%**
1.	Logic formation	10%
2.	Debugging ability	10%
3.	Follow ethical practices	10%
	Product related (35 Marks)	**70%**
4.	Expected output	30%
5.	Timely Submission	30%
6.	Answer to sample questions	10%
	Total (50 Marks)	**100%**

List of Students /Team Members

1. ....
2. ....
3. ....

Marks Obtained			Dated signature of Teacher
Process Related(15)	Product Related(35)	Total(50)	