

S.S.G.M.College,Kopargaon
DEPARTMENT OF PHYSICS

Certificate Course

LINUX: Operating System
(2019-20)

Rayat Shikshan Sanstha's
S.S.G.M.SCIENCE, GAUTAM ARTS AND SANJIVANI COMMERCE COLLEGE,
KOPARGAON, DIST.AHMEDNAGAR.
-DEPARTMENT OF PHYSICS-

Certificate Course in

Linux operating system

1. Co-ordinated by	:	Department of Physics
2. Class	:	M.Sc.-II
3. Batch Capacity	:	20
4. No. of Student Admitted	:	19
5. Duration of course	:	3 months
6. Course Fee	:	Rs. 100/-
7. Lecture and practical started	:	July, August and September
8. Tentative date of examination:	:	2 nd Week of October
9. Tentative date of Result	:	4 th Week of October
10. Syllabus	:	4 credits (20 theory, 40 practical)

Gaikwad

Head

Department of Physics

S.S.G.M. College, Kopergaon

Dist. Ahmednagar (M.S.) 423801



Notice

20/06/2019

All the students of M.Sc.-II (Physics) are hereby informed that, Department of Physics is going to conduct a Certificate course entitled "LINUX" Operating system. The duration for the said course is of three months from July 2019 to Sep.2019. Fees for course is Rs.100/-. The interested candidates should apply for the course before 26/06/2019 to confirm the admission.


Head

Department of Physics



Principal

S.S.G.M.College, Kopargaon



S.S.G.M.College, Kopargaon
Department of Physics
Certificate Course "LINUX" Operating system
List of Students Enrolled (2019-20)

Roll No.	Name of the Student	Fee Paid Rs.
8526	Miss.Aher S.M.	100/-
8527	Mr.Bhagure S.S.	100/-
8528	Miss.Bhosale S.R.	100/-
8529	Miss.Dawange G.N.	100/-
8530	Miss.Dawange N.K.	100/-
8531	Miss.Deokar S.B.	100/-
8532	Miss.Dumbare s.B.	100/-
8533	Miss.Gade P.R.	100/-
8534	Miss.Gaikwad R.R.	100/-
8535	Mr.Gangurde S.B.	100/-
8536	Mr.Gite S.B.	100/-
8537	Miss.Gore P.J.	100/-
8538	Miss.Jadhav A.R.	100/-
8539	Miss.Jadhav B.K.	100/-
8540	Miss.Janrao S.D.	100/-
8541	Mr.Jejurkar Y.D.	100/-
8542	Mr.Londhe R.K.	100/-
8543	Mr.Nikam S.S.	100/-
8544	Miss Pangavhane M.B.	100/-
	Total	1900/-




Head,
Department of Physics

S.S.G.M.College, Kopargaon
Department of Physics
Short term Course : LINUX Operating System
Syllabus

Chapter-I

Introduction

- 1.1 The role of an operating system
- 1.2 Why Linux?
- 1.3 Learning about a computer system
- 1.4 Some simple commands
- 1.5 Logging out
- 1.6 Manuals
- 1.7 How does A computer runs
- 1.8 Structural layout of a computer system

Chapter-II

Files and directories

- 2.1 Creating a file
- 2.2 Commands for directories
- 2.3 Exploring system directories
- 2.4 Relative path names
- 2.5 Making new directories
- 2.6 The do command
- 2.7 What are system commands?

Chapter-III

Commands to see files

- 3.1 The cat command
- 3.2 The more command
- 3.3 The tail command
- 3.4 The File Command

Chapter-IV

Commands for file movements

- 4.1 The cp command
- 4.2 The mv command
- 4.3 The rm command
- 4.4 The rmdir command

Chapter-V

General Utilities

- 5.1 The ps command
- 5.2 Background processing

- 5.3 The nohup utility
- 5.4 Killing a process
- 5.5 The write Utility
- 5.6 The mail facility
- 5.7 The cal command
- 5.8 The calendar command

Chapter-VI

Your Own Commands

- 6.1 The t and d commands
- 6.2 The for statement in the shell
- 6.3 The if statement in the shell
- 6.4 The backup command
- 6.5 The phone command

Chapter-VII

The Vi Editor

- 7.1 Creating a file, Invoking Vi
- 7.2 Scrolling and paging, moving from line to line
- 7.3 Inserting and appending text
- 7.4 Searching for a pattern, moving within a line
- 7.4 Character corrections, line corrections
- 7.5 Copying and moving text
- 7.6 Continuous text input
- 7.7 Undoing a command

References

- 1) A Practical Guide to Linux : Mark G. Sobell
- 2) Linux Programming : Mathew Stones
- 3) Unix For You : Pramod Koparkar



S.S.G.M.
HEAD
P. G. Dept. of Physics,
S.S.G.M. College, Kopargaoon
Dist. A' nagar 423 601(M.S.)

Notice

28/06/2019

All the students those who are enrolled for the Certificate Course "LINUX" Operating system are hereby informed that their lectures and practical's will start from 1st July 2019 in the Department of Physics.

M. Gaikwad

Head

Department of Physics

S.R.T.

Principal

S.S.G.M.College, Kopargaon





Rayat Shikshan Sanstha's
S.S.G.M. College, Kopargaon
Dist. Ahmednagar



Admission form for Certificate Course

Name: Aher Shubhangi Machhindra.

Class: MSc II (Physics)

Address: At Khirdiqanesh post Yesgaon near New Canal.

Mobile No. 7028180989

To,

The Principal,

S.S.G.M. College, Kopargaon Dist. Ahmednagar

Subject: Request for admission to Certificate Course "LINUX" Operating system

Respected Sir,

I, the undersigned have been admitted in M.Sc.-II (Physics) class in our college. I wish to complete above certificate course run by our college. Kindly do me a favour by granting admission.

Yours faithfully

Recommended for admission to the certificate course.

Chairman
Certificate Course

Course Coordinator

Head
Department of Physics





Rayat Shikshan Sanstha's
S.S.G.M.College,Kopargaon
Dist.Ahmednagar



Admission form for Certificate Course

Name: BHAGURE SACHIN SOPAN

Class: MSC-II

Address: A/P- MAHEGAON DESHMUKH, TAL- KOPARGAON

Mobile No. 9070257064

To,

The Principal,

S.S.G.M.College,Kopargaon Dist.Ahmednagar

Subject: Request for admission to Certificate Course "LINUX" Operating system

Respected Sir,

I, the undersigned have been admitted in M.Sc.-II (Physics) class in our college .I wish to complete above certificate course run by our college. Kindly do me a favour by granting admission.

Yours faithfully

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Head
Department of Physics



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Head

Department of Physics



Principal

S.S.G.M.College, Kopargaon



S.S.G.M.College, Kopargaon
Department of Physics
Certificate Course "LINUX" Operating System
Time Table: July-Sep.2019 (2019-20)

Time	Mon	Tue
11:00-1:00 P.m	Theory/Practical	
	KRV	KRV




Head,
Department of Physics

S.S.G.M.College, Kopergaon
 Department of Physics
Attendance (2019-20)
 Certificate Course "LINUX" Operating System
 September-2019

Sr.No.	Name of the Student							
1	Miss.Aher S.M.	Aher	Aher	Aher	Aher	A	Aher	Aher
2	Mr.Bhagure S.S.	Bh	Bh	Bh	Bh	Bh	A	Bh
3	Miss.Bhosale S.R.	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
4	Miss.Dawange G.N.	Dawange	Dawange	Dawange	Dawange	Dawange	Dawange	Dawange
5	Miss.Dawange N.N.	Dawange	A	Dawange	Dawange	Dawange	Dawange	Dawange
6	Miss.Deokar S.B.	Deokar	Deokar	A	Deokar	Deokar	A	Deokar
7	Miss.Dumbare s.B.	Dooja	Dooja	Dooja	Dooja	A	Dooja	Dooja
8	Miss.Gade P.R.	Pgade	Pgade	A	Pgade	Pgade	Pgade	Pgade
9	Miss.Gaikwad R.R.	Hashni	A	Hashni	Hashni	Hashni	Hashni	A
10	Mr.Gangurde S.B.	Sangurde	Sangurde	Sangurde	Sangurde	Sangurde	Sangurde	Sangurde
11	Mr.Gite S.A.	Gite	A	Gite	Gite	Gite	Gite	Gite
12	Miss.Gore P.J.	Gore	Gore	Gore	Gore	Gore	Gore	Gore
13	Miss.Jadhav A.R.	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav
14	Miss.Jadhav B.K.	B.K.Jadhav	B.K.Jadhav	A	B.K.Jadhav	B.K.Jadhav	B.K.Jadhav	B.K.Jadhav
15	Miss.Janrao S.D.	Janrao	Janrao	Janrao	Janrao	Janrao	A	Janrao
16	Mr.Jejurkar Y.d.	Jejurkar	Jejurkar	A	Jejurkar	Jejurkar	Jejurkar	A
17	Mr.Londhe R.K.	R.K.Londhe	R.K.Londhe	R.K.Londhe	R.K.Londhe	R.K.Londhe	R.K.Londhe	R.K.Londhe
18	Mr.Nikam S.S.	S.S.Nikam	S.S.Nikam	S.S.Nikam	S.S.Nikam	A	S.S.Nikam	S.S.Nikam
19	Miss Pangavhane M.B.	M.B.Pangavhane	M.B.Pangavhane	M.B.Pangavhane	M.B.Pangavhane	M.B.Pangavhane	M.B.Pangavhane	M.B.Pangavhane



S.S.G.M.College, Kopargaon

Department of Physics

Attendance (2019-20)

Certificate Course "LINUX" Operating System

August-2019

Sr.No.	Name of the Student							
1	Miss.Aher S.M.	Aher	Aher	Aher	A	Aher	Aher	Aher
2	Mr.Bhagure S.S.	Bh	Bh	A	Bh	Bh	Bh	Bh
3	Miss.Bhosale S.R.	Bhosale	Bhosale	Bhosale	Bhosale	A	Bhosale	Bhosale
4	Miss.Dawange G.N.	Dawange	Dawange	Dawange	Dawange	Dawange	Dawange	Dawange
5	Miss.Dawange S.N.	Dawange	Dawange	Dawange	Dawange	Dawange	Dawange	A
6	Miss.Deokar S.B.	Deokar	Deokar	Deokar	Deokar	Deokar	Deokar	Deokar
7	Miss.Dumbare s.B.	Pooja	Pooja	Pooja	Pooja	Pooja	A	Pooja
8	Miss.Gade P.R.	Pgade	Pgade	Pgade	Pgade	A	Pgade	Pgade
9	Miss.Gaikwad R.R.	Rashur	Rashur	Rashur	A	Rashur	A	Rashur
10	Mr.Gangurde S.B.	Sambh	Sambh	Sambh	A	Sambh	Sambh	Sambh
11	Mr.Gite S.A.	Gite	Gite	A	Gite	Gite	Gite	A
12	Miss.Gore P.J.	Gore	Gore	Gore	Gore	Gore	Gore	Gore
13	Miss.Jadhav A.R.	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav
14	Miss.Jadhav B.K.	A	Shrinika	Shrinika	Shrinika	Shrinika	Shrinika	Shrinika
15	Miss.Janrao S.D.	Janrao	A	Janrao	Janrao	Janrao	Janrao	Janrao
16	Mr.Jejurkar P.d.	Jejurkar	Jejurkar	Jejurkar	Jejurkar	Jejurkar	Jejurkar	A
17	Mr.Londhe R.K.	Rohit	Rohit	Rohit	Rohit	Rohit	A	Rohit
18	Mr.Nikam S.S.	Nikam	A	Nikam	Nikam	A	Nikam	Nikam
19	Miss Pangavhane M.B.	M.B.	M.B.	M.B.	M.B.	M.B.	M.B.	M.B.



S.S.G.M.College, Kopargaon

Department of Physics

Attendance (2019-20)

Certificate Course "LINUX" Operating System

July-2019

Sr.No.	Name of the Student								
1	Miss.Aher S.M.	Aher	Aher	Aher	Aher	A	Aher	Aher	Aher
2	Mr.Bhagure S.S.	Bhagure	Bhagure	Bhagure	Bhagure	Bhagure	A	Bhagure	Bhagure
3	Miss.Bhosale S.R.	A	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
4	Miss.Dawange G.N.	Dawange	Dawange	Dawange	Dawange	Dawange	Dawange	Dawange	Dawange
5	Miss.Dawange S.N.	Dawange	Dawange	Dawange	A	Dawange	Dawange	Dawange	Dawange
6	Miss.Deokar S.B.	Deokar	Deokar	Deokar	Deokar	Deokar	Deokar	A	Deokar
7	Miss.Dumbare s.B.	Pooja	Pooja	A	Pooja	Pooja	Pooja	Pooja	Pooja
8	Miss.Gade P.R.	Pgade	Pgade	Pgade	Pgade	Pgade	Pgade	A	Pgade
9	Miss.Gaikwad R.R.	Jashvi	Jashvi	Jashvi	A	Jashvi	Jashvi	A	Jashvi
10	Mr.Gangurde S.B.	Sangurde	Sangurde	A	Sangurde	Sangurde	Sangurde	Sangurde	Sangurde
11	Mr.Gite S.A.	Gite	A	Gite	Gite	A	Gite	Gite	A
12	Miss.Gore P.J.	Gore	Gore	Gore	Gore	Gore	Gore	Gore	Gore
13	Miss.Jadhav A.R.	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav	A.R.Jadhav
14	Miss.Jadhav B.K.	B.K.Jadhav	B.K.Jadhav	B.K.Jadhav	B.K.Jadhav	B.K.Jadhav	B.K.Jadhav	B.K.Jadhav	B.K.Jadhav
15	Miss.Janrao S.D.	Janrao	Janrao	Janrao	Janrao	Janrao	A	Janrao	Janrao
16	Mr.Jeurkar S.d.	Jeurkar	A	Jeurkar	Jeurkar	Jeurkar	Jeurkar	Jeurkar	A
17	Mr.Londhe R.K.	R.K.Londhe	A	R.K.Londhe	R.K.Londhe	R.K.Londhe	R.K.Londhe	A	R.K.Londhe
18	Mr.Nikam S.S.	S.S.Nikam	S.S.Nikam	S.S.Nikam	S.S.Nikam	S.S.Nikam	S.S.Nikam	S.S.Nikam	S.S.Nikam
19	Miss Pangavhane M.B.	M.B.Pangavhane	M.B.Pangavhane	M.B.Pangavhane	M.B.Pangavhane	M.B.Pangavhane	M.B.Pangavhane	M.B.Pangavhane	M.B.Pangavhane



Rayat Shikshan Sanstha's
S.S.G.M.College,Kopargaon
Department of Physics
Certificate Course "LINUX" Operating System
Examination Time-Table

Date	Time	Seat No.	Block No.
15/10/2019	11:00 to 1:00	8526 to 8544	Computational Physics Lab.


Head

Department of Physics



Principal

S.S.G.M.College, Kopargaon





S.S.G.M. COLLEGE, KOPARGAON

JUNIOR SUPERVISOR'S REPORT FORM

(Examiners are requested to return this Report Form along with the Answer-books.)



College Code No.

- 0 4 2

Examination : Short Term Course Exam-2019 Centre/Name of the College : S.S.G.M. College, Kopargaon

Subject : Linux Operating System Paper : — Section : —

Block No. : — Form No. 8526 To 8544 Total Strength of the Block : 19

Out of the strength of candidates in this block 19 candidates have offered the Subject/paper for which this Report is prepared. Total No. Answer-books: 19 Sent in this bundle

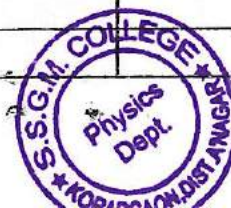
Sr. No.	Seat No.	Name of Student's	Answer-book No.	No. of Supplement	Signature of Candidate	Absent Seat No.
1	8526	Aher Shubhangi Maehindar				
2	8527	Bhosale Sachin S.				
3	8528	Bhosale Supriya Rammal				
4	8529	Dawange Gayatri Nanasaheb				
5	8530	Dawange Nisha Kantaram				
6	8531	Deokar Sharda Babasaheb				
7	8532	Dumbare Pooja Babasaheb				
8	8533	Gade Pallavi Rajendra				
9	8534	Gaikwad R. R.				
10	8535	Gangurde Jagat B.				
11	8536	Gite Sagar A.				
12	8537	Gore pratiksha Jagannath				
13	8538	Jadhav Amruta Ramesh				
14	8539	Jadhav Bhavika Karilas				
15	8540	Janman Sonali Devidas				
16	8541	Tejurkar Yogesh D.				
17	8542	Londhe Rishikesh K.				
18	8543	Nikam Sauresh S				
19	8544	Pangarbane Megha B.				
20						
22						
23						
24						
25						
26						
27						
28						
29						
30						
Total Present :					Total Absent :	

We hereby certify that We have verified that the number of main Answer - books and supplements submitted by each candidate in the block tallies with the unmbers shown by the candidates on the cover page of the main Answer - book.

	Name	Signature
Junior Supervisor	Prof. K.R. Vairal	
Senior Supervisor (Internal)		
Senior Supervisor (External)		

Date :

Note : Junior Supervisors are requested to read the instruction given.



(P.T.O.)

S.S.G.M. College, Kopergaon.

Short Term Course Exam. Oct 2019

Linux Operating System

Amul 23
25

Class: M. Sc. - II (Physics)

Roll No: 8533

Name of Student: Geeta Pallewi Rajendra,

Date: 15/10/2019

Time: 11am to 12pm.

Maximum mark: 25

Attempt all of the following MCO's.

1. Maximum how long can a Linux filename be?

- A. 128 bytes B. 255 bytes C. 32 bytes D. 64 bytes

2. Which combination of keys is used to exit from terminal?

- A. Ctrl + t B. Ctrl + z C. Ctrl + d D. Ctrl + e

3. Which command(s) is/are used to get help about a command in Linux?

- A. info B. man C. None of these D. Both a and b

4. Which of the following OS is not based on Linux?

- A. Ubuntu B. Redhat C. CentOS D. BSD

5. Which command is used to get the kernel version in Linux?

- A. uname -r B. kernel C. uname -n D. uname -s

6. Which command is used to list all the files in your current directory (including hidden)?

- A. ls -l B. ls -t C. ls -a D. ls -i

7. Which command is/are used to remove directory in Linux?

- A. rmdir B. rm -r C. only b D. Both a and b

8. Which key combination is used to see all the hidden files in Nautilus file manager?

- A. Ctrl + Shift + h B. Ctrl + h C. Ctrl + Alt + h D. None of the above

9. Which of the following command is used to create file in Linux?

- A. touch B. cat C. echo D. All of the above

10. In Linux everything stored as a

- A. file B. directory C. executables D. None of the above

11. Which of the following is not a valid login shell in Linux?

- A. C shell B. Net Shell C. Bash Shell D. Z shell

12. Which command is used to record session in Linux?
 A. script B. session C. both a and b D. none of these
13. Which of the following command can be used as an alternative to echo command?
 A. print B. printr C. printf D. none of these
14. Which command is used to change password of your Linux system?
 A. password B. pass C. change -p D. passwd
15. Which command is used to see the list of users who are currently logged-in?
 A. login B. users C. who D. which
16. Which directory in Linux contains all the config file of the system?
 A. /etc B. /var C. /lib D. /bin
17. Which of the following command is used to know last shutdown/reboot date and time?
 A. last B. lastlogin C. lastreboot D. lastshutdown
18. Which of the following command is used to count number of lines in a file?
 A. wc -l B. wc -c C. wc -w D. None of these
19. Which of the following statement is incorrect about /bin and /sbin directory?
 A. /sbin contain only binaries essential for booting, restoring, Recovering, and/or repairing the system in addition to the binaries in /bin.
 B. There is no difference between /bin and /sbin, they are just two directories
 C. /bin contains commands that may be used by both the system administrator and by users, but which are required when no other filesystems are mounted.
 D. Utilities used for system administration are stored in /sbin.
20. Which of the following command(s) is/are used to reboot a Linux system?
 A. shutdown -h B. reboot C. init 6 D. All of the above
21. Total no of run levels in a Linux system?
 A. 6 B. 7 C. 5 D. 8
22. Which command is used to copy entire directory?
 A. cp -r B. cp -l C. cp D. none of these
23. Suppose I am in /etc directory and I want to go to my home directory which command should I use?
 A. cd B. cd ~ C. Both A and B D. none of these
24. Which special character should be avoided during naming a file?
 A. .(dot) B. \$ C. _(underscore) D. -(Hyphen)
25. Which of the following is relative path to /home/sandeep directory?
 A. \$ cd Desktop/abc B. \$ cd Downloads/abc
 C. Both a and b D. \$ cd /etc

S.S.G.M. College, Kopargaon.

Short Term Course Exam. Oct 2019

Linux Operating System

Anil 22
25

Class: M. Sc. – II (Physics)

Roll No: 8530

Name of Student: Dawange Nisha Kantaram

Date: 15/10/2019

Time: 11am to 12pm.

Maximum mark: 25

Attempt all of the following MCO's.

1. ~~Maximum~~ how long can a Linux filename be?

- A. 128 bytes B. 255 bytes C. 32 bytes D. 64 bytes

2. Which combination of keys is used to exit from terminal?

- A. ~~Ctrl + t~~ B. ~~Ctrl + z~~ C. ~~Ctrl + d~~ D. ~~Ctrl + e~~

3. Which command(s) is/are used to get help about a command in Linux?

- B. ~~man~~ C. ~~None of these~~ D. ~~Both a and b~~

A. info

4. Which of the following OS is not based on Linux?

- A. ~~Ubuntu~~ B. ~~Redhat~~ C. ~~CentOs~~ D. ~~BSD~~

5. Which command is used to get the kernel version in Linux?

- A. ~~uname -r~~ B. ~~kernel~~ C. ~~uname -n~~ D. ~~uname -s~~

6. Which command is used to list all the files in your current directory(including hidden)?

- A. ~~ls -l~~ B. ~~ls -t~~ C. ~~ls -a~~ D. ~~ls -i~~

7. Which command is/are used to remove directory in Linux?

- A. ~~rmdir~~ B. ~~rm -r~~ C. ~~only b~~ D. ~~Both a and b~~

8. Which key combination is used to see all the hidden files in Nautilus file manager?

- A. ~~Ctrl + Shift + h~~ B. ~~Ctrl + h~~ C. ~~Ctrl + Alt + h~~ D. ~~None of the above~~

9. Which of the following command is used to create file in Linux?

- A. ~~touch~~ B. ~~cat~~ C. ~~echo~~ D. ~~All of the above~~

10. In Linux everything stored as a

- A. ~~file~~ B. ~~directory~~ C. ~~executables~~ D. ~~None of the above~~

11. Which of the following is not a valid login shell in Linux?

- A. ~~C shell~~ B. ~~Net Shell~~ C. ~~Bash Shell~~ D. ~~Z shell~~

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 A. password B. pass C. change -p D. passwd
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 C. /bin contains commands that may be used by both the system administrator and by users, but which are required when no other filesystems are mounted.
 D. Utilities used for system administration are stored in /sbin.
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22. Which command is used to copy entire directory?
 A. cp -r B. cp -l C. cp D. none of these
23. Suppose I am in /etc directory and I want to go to my home directory which command should I use?
 A. cd B. cd ~ C. Both A and B D. none of these
24. Which special character should be avoided during naming a file?
 A. .(dot) B. \$ C. (underscore) D. -(Hyphen)
25. Which of the following is relative path to /home/sandeep directory?
 A. \$ cd Desktop/abc B. \$ cd Downloads/abc
 C. Both a and b D. \$ cd /etc

April 23
25

S.S.G.M. College, Kopargaon.
Short Term Course Exam. Oct 2019
Linux Operating System

Class: M. Sc. – II (Physics)

Date: 15/10/2019

Roll No: 8531

Time: 11am to 12pm.

Name of Student: Deokar Sharda Babasaheb

Maximum mark: 25

Attempt all of the following MCO's.

1. **Maximum how long can a Linux filename be?**
A. 128 bytes B. 255 bytes C. 32 bytes D. 64 bytes
2. **Which combination of keys is used to exit from terminal?**
A. Ctrl + t B. Ctrl + z C. Ctrl + d D. Ctrl + e
3. **Which command(s) is/are used to get help about a command in Linux?** A. info
B. man C. None of these D. Both a and b
4. **Which of the following OS is not based on Linux?**
A. Ubuntu B. Redhat C. CentOS D. BSD
5. **Which command is used to get the kernel version in Linux?**
 A. uname -r B. kernel C. uname -n D. uname -s
6. **Which command is used to list all the files in your current directory(including hidden)?**
 A. ls -l B. ls -t C. ls -a D. ls -i
7. **Which command is/are used to remove directory in Linux?**
A. rmdir B. rm -r C. only b D. Both a and b
8. **Which key combination is used to see all the hidden files in Nautilus file manager?**
A. Ctrl + Shift + h B. Ctrl + h C. Ctrl + Alt + h D. None of the above
9. **Which of the following command is used to create file in Linux?**
A. touch B. cat C. echo D. All of the above
10. **In Linux everything stored as a**
 A. file B. directory C. executables D. None of the above
11. **Which of the following is not a valid login shell in Linux?**
 A. C shell B. Net Shell C. Bash Shell D. Z shell

12. Which command is used to record session in Linux?

- A. script B. session C. both a and b D. none of these

13. Which of the following command can be used as an alternative to echo command?

- A. print B. printr C. printf D. none of these

14. Which command is used to change password of your Linux system?

- A. password B. pass C. change -p D. passwd

15. Which command is used see the list of users who are currently logged-in?

- A. login B. users C. who D. which

16. Which directory in Linux contains all the config file of the system?

- A. /etc B. /var C. /lib D. /bin

17. Which of the following command is used to know last shutdown/reboot date and time?

- A. last B. lastlogin C. lastreboot D. lastshutdown

18. Which of the following command is used to count number of lines in a file?

- A. wc -l B. wc -c C. wc -w D. None of these

19. Which of the following statement is incorrect about /bin and /sbin directory?

- A. /sbin contain only binaries essential for booting, restoring, Recovering, and/or repairing the system in addition to the binaries in /bin.
 B. There is no difference between /bin and /sbin, they are just two directories
C. /bin contains commands that may be used by both the system administrator and by users, but which are required when no other filesystems are mounted.
D. Utilities used for system administration are stored in /sbin.

20. Which of the following command(s) is/are used to reboot a Linux system?

- A. shutdown -h B. reboot C. init 6 D. All of the above

21. Total no of run levels in a Linux system?

- A. 6 B. 7 C. 5 D. 8

22. Which command is used to copy entire directory?

- A. cp -r B. cp -l C. cp D. none of these

23. Suppose I am in /etc directory and I want to go to my home directory which command should I use?

- A. cd B. cd ~ C. Both A and B D. none of these

24. Which special character should be avoided during naming a file?

- A. (dot) B. \$ C. (underscore) D. -(Hyphen)

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- A. \$ cd Desktop/abc B. \$ cd Downloads/abc
 C. Both a and b D. \$ cd /etc

Rayat Shikshan Sanstha's
S.S.G.M.SCIENCE, GAUTAM ARTS AND SANJIVANI COMMERCE COLLEGE,
KOPARGAON, DIST.AHMEDNAGAR.
-DEPARTMENT OF PHYSICS-

Certificate Course

Linux operating system

Feedback Form (2019-20)

How you like this activity?

(Please tick \checkmark on the appropriate option)

Criteria's	Excellent	Very good	Good	Average	Poor
Content of the curriculum	\checkmark				
Quality of Lectures	\checkmark				
Quality of Practical's		\checkmark			
Is the course is applicable for entrepreneurship development in your future life		\checkmark			
Overall evaluation of the course			\checkmark		
Is the course is beneficial for students & Parents as far as environment and crop production is concerned			\checkmark		
Any Suggestions:					

Name of the Student: Londhe Rishikesh Kakasaheb

Class: M.Sc.-II

Signature: Ashok

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Overall evaluation of the course		\checkmark			
Is the course is beneficial for students & Parents as far as environment and crop production is concerned		\checkmark			
Any Suggestions:					

Name of the Student: BHAGURE SACHIN SOPAN

Class: Msc-II

Signature: 

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Overall evaluation of the course		\checkmark			
Is the course is beneficial for students & Parents as far as environment and crop production is concerned		\checkmark			
Any Suggestions:	—				

Name of the Student: Gite Sagar Arun

Class: MSc-II

Signature: Gite

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How you like this activity?

(Please tick ✓ on the appropriate option)

Criteria's	Excellent	Very good	Good	Average	Poor
Content of the curriculum		✓			
Quality of Lectures			✓		
Quality of Practical's	✓				
Is the course is applicable for entrepreneurship development in your future life		✓			
Overall evaluation of the course	✓				
Is the course is beneficial for students & Parents as far as environment and crop production is concerned	✓				
Any Suggestions: No suggestions.					

Name of the Student: Gangurde sagar Bhagwan

Class: MSc-II

Signature: 

"Education Through Self - Help is our Motto" - Karmaveer

Rayat Shikshan Sanstha's

**Shri Sadguru Gangageer Maharaj Science,
Gautam Arts & Sanjivani Commerce College**


Kopergaon, Dist. Ahmednagar (M.S.)

Short Term Course

CERTIFICATE OF COMPLETION



This is to Certify that Shri/Kum. Dawange Gayatri N
of Class MSC-II has Completed Short Term Course in 2019-20
conducted by the department of physics.
during the academic year 2019 /2020


Course Co-ordinator


Co-ordinator


Principal


Principal
S.S.G.M.College
Kopergaon