

KNOW YOUR TCS -FINAL KYT

Final Assesment Answers TCS

1. Who's the founder of Tata group?

Ans: Jamsetji Tata

2. Which Characteristics of Big Data deals with Trustworthiness of data?

Ans: Veracity.

3. Which's India's first indigenously designed and manufactured car?

Ans: Tata Indica.

4. Some challenges in AI are

Ans: all the above.

5. What was originally called the "imitation game" by its creator?

Ans: the Turing test.

6. 90% world's data is created in the last 2 years?

Ans: true.

7. In the 1990's which company did TATA Steel acquire?

Ans. Corus.

8. Business 4.0 operating model ensures

Ans. All the above.

9.How many independently operating companies re there under TATA group?

Ans. Over 100.

13. We use Natural Language Processing for reviewing Twitter Feeds.

Ans: true.

14. The change of mind set is required from “Optimizing Scarce Resources” to Harnessing Abundance” will help in

Ans. Leveraging ecosystems.

15.Robots can be used for building houses.

Ans. True.

16.Which among the following Key for IT managements based on the proper use of data?

Ans. Embedding security in every system.

17. TCS Machine First TM Delivery Model includes

Ans: all of them.

18.When did Tata Motors unveil Tata Nano?

Ans 2008

19.Business 4.0 brings sophistication to the

Ans. Demand supply.

20.Machine perception is the ability to use input from sensors to get information

Ans true.

21. According to the study of IBM, approx how much data existed in the digital universe in 2012?

Ans. 2.7 zetabytes.

22. AI cannot be used in health care as this involves Doctors and patients.

Ans. False

23. What is the change of mindset Business 4.0 is looking at when it comes to embracing risks?

Ans embracing risks and adapt and transform continuously.

24. When Tata airlines, a division of Tata sons is established?

Ans. 1932

25. Who formalized the Code of Conduct?

Ans. Ratan tata.

26. The paradigm where a basic mobile friendly HTML page will be available and the Javascript code will add the functionality progressively to the Page.

Ans: Progressive enhancements.

27. Who formed the joint venture to open StarBucks cafes across India?

Ans. Tata Global Beverages and Starbucks.

28. The science and technology which deals with Automatic, computer driven machine which replaces Humans is called as

Ans. Robotics.

29. Tata group was founded in which year?

ans. 1868.

30. What are the 5 TCS values?

Ans. > leading change > integrity > respect for individual > excellence > learning and sharing

31. What are the 5 TATA values?

Ans. > Integrity > Unity > Responsibility > Pioneering > excellence

32. Which of the methods is used by humans while making judgements?

Ans. Intuitive based.

33. For the organizations that aren't currently looking to do big data analytics there is a little or no benefit to examining the data they're retaining and evaluating how it's being used.

Ans. FALSE.

Gopal at 3:32 AM

34. After the successful completion of a project, the client gifted a Diamond ring to the on site project manager. What should the manager do?

Ans. Inform the client about our company's gifts and hospitality policy and reject the gift

35. Person who identified the Qualification problem in AI.

Ans John c mathcy

35. Mr. Hary the team lead of the project xyz is known for being short tempered. However whenever he gets angry he starts to shout and use abusive...dot dot dot,,bla bla bla...sheethal thenew team member...dot dot dot bla bla bla.

Ans. She should talk to Hary directly and then the HR if required.

37. Big data infrastructure can store video files as well.

Ans. True.

38. The field that investigates the mechanics of human intelligence is

Ans. Cognitive science

39. What are the problems associated with Big data > not accustomed for dealing with such large quantities of data > overly complex with relatively slow systems. > inexperience collecting data from non traditional sources

Ans. all the above

40. Your organization is submitting a proposal to a client for ABC project, your friend is working in one of the competitor who have also bid for the same project. Your friend who is aware of all the confidential data of the proposal is ready to share the information with you. Would you participate in that discussion?

Ans. Will not indulge in that conversation.

41. You have developed a new ordering system for your client. Client approached you postproduction of the new system. As you have developed it, you thought to copy the code and send it to your personal mail for your future reference. Is it acceptable?

Ans. You should not save the code for future reference.

42. Artificial intelligence is the science and engineering of making intelligent machines

Ans. True

43. Popular approach of AI are

Ans.) All of the above (traditional, computational, statistical)

44. What are the 4v's of big data

Ans. volume velocity veracity variety

45. Click Stream analytic is associated with which characteristic of big data?

Ans. velocity

BUSINESS SKILLS XPLORE

1 Amy a client partner from germany is having a discussion with the project team in india. Amy finds it uncomfortable speaking in their regional language amongst themselves. She feels a bit lost. What can the team do differently.

Ans: The Team lead should have stressed the usage of a common language that is English among teammembers.

2 Agatha's team has been restructured. There are a number of associates who have joined from different parts of the country in the team now. Every member has certain stereotypes in their mind about the other members. What steps should the team take to resolve stereotyping?

Ans: Identify concepts that generate preconceived reactions. Unlearn these concepts and have a clear slate. Relearn these concepts in a neutral way.

3 It was Anjali's birthday one of a team members Prati sent her a birthday wish over an email . She had marked CC to all her team members and also to other team members Anjali was well known to many at the office. Therefore there are many who wanted to respnd to prati's email how should the other colleagues respond

Ans: Send a separate mail to Anjali conveying the wishes.

4 Cathy sends invitation to her team members for an unplanned meeting to discuss a new feature to be added in the project. Due to the shortage in time she sends the invitation without an agenda choose the right option

Ans: An Agenda needs to be shared along with the meeting invite.

5 Mike wants to draft an email to his client after his team came up with the network of an application. The network was asked to be done by the client due to some issues that the customer faced after the sample product was tested in the market. how should mike start his email ?

Ans: Apologize to the client for not meeting his expectations

6 select the effective sentence(Manager's laissez faire attitude wala)

Ans: The manager's laissez faire attitude has led to an efficient work culture in the team

7 you received the project requirements from the client you are not clear about a certain requirement what is the right way to respond?

Ans: Send an email to the client keeping your manager in the loop.

8 Vivian had around 5 minutes before an important meeting he found a client mail in his inbox and asked for additional requirement he is of the belief that emails need to be responded to promptly Vivian wanted to be on time for the meeting and also wanted to reply to the client What should he do?

Ans: Take time of after the meeting and reply to the client after analyzing the requirement in detail.

9 Which of the following statements are incorrect?

- A) to field is meant for primary email recipients email is for their information and action
- B) CC field is meant for secondary email recipient the email is meant for their information
- C) BCC field is typically used for internal broadcast
- D) BCC field can be used to hide a recipient while sharing an internal document

Ans: C

10 replace the underlined words with a more meaningful one. " Ben reverted back to the mail saying that the team will work collaboratively together".

Ans: Replied, together

11) which of the following factors should be considered while wearing ties.

ANS: The tip of tie should always touch the beltline.

12 while writing a subject line it should :-

- a) Draw the attention of The Reader
- b) deliver the Crux of the email.
- c) surprise The Reader

d) have at least 10 words

ans: a and b

13 Roslyn would like to create a good impression at a business conference. select the common courtesies that apply.

Ans: All of the Above

14 which statements are true with regard to 'customer' and 'client'

Ans: All options are correct.

15 jalaja a saree to work. since she was sporting an ethnic look she wore big and bold accessories with flowers in her hair. makeup however was minimal. which of the following statements are correct.

Ans: She should not have worn saree as it is not a formal wear.....

16 how can one develop assertiveness?

A by showing empathy

B by showing sympathy

C by ensuring that others agree with your points

D by being open to feedback

E by accepting everyone's views

F by respecting everyone views

Ans: A,D &F

17 what is true about being agile

- A Agile teams can never fail
- B Agile is driven by action
- C Agile teams do not experiment
- D Agile teams do not believe in Rationalism

Ans: Only B

18 The Elevators are always crowded at ABC facility what rules of elevator etiquette should be followed?

Ans: Always allow the people inside the elevator to disembark before entering the elevator.

19 As you are working you find that certain queries needs to be clarified with the client. upon opening the Instant Messenger you find the status of the client as available what would you do?

Ans: Check whether the client is free to chat. Post your query if the client is free. Else check for a suitable time.

20 which statement is more polite and respectful to a native English speaker

Ans: My wife and I attended the wedding.

21 what are the main features offered in the mail application apart from email

A schedule the meetings and appointments

B invite stakeholders for a meeting

C accept/decline an invitation

D set reminders to attend meetings

Ans: A,B,C & D

22 which is not a part of Pre writing process

Ans: Proof Reading

23 you meet your colleague in a shopping mall. choose the best response

Ans: Say Hi How is your day? After exchanging pleasantries you may close the conversation.

24 we can share funny videos with

Ans: It is best to refrain from sending videos unrelated to work.

25 replace the underlined phrase to make the sentence simple “the memo is not effective by virtue of the fact that it is lengthy”

Ans: Because

26 how do you ask your supervisor for a promotion in an assertive tone?

Ans: I would like you to consider my name for the promotion as I believe I have taken on many new responsibilities lately.

27 Daniel is planning on restructuring his team to make it more diverse what are the possible challenges he will face in the process?

Ans : All of the above

28 Customer experience is the internal and subjective response customers have to any direct or indirect contact with a company true or false?

Ans: TRUE

29 JAYA AND AMITABH CONVERSATION

Ans: Aishwarya : Passive – Aggressive

Jaya: Aggressive

Amitabh :Assertive

30 Chose the correct options

A Good Email,

- A) Should never overcommunicate
- B) Should contain Emotions
- C) Should be properly spaced and arranged
- D) Should be polite in tone

Ans: A,C & D

31 Which of the following is true? (Download flow of communication)

Ans: Downward flow of communication is when info flows from supervisor to the subordinate

32 Select the effective Statement

Ans: The team members utilized the TCS' In house project management tools.

33 When communicating with vendors which of the following statements is true?

Ans: We need to document every message between the vendor and TCS.

34 Select the appropriate statement while transferring a call

Ans: “ Hello Mr Daniel Let's get this problem resolved for you. I'm going to transfer you to our specialist who is the best suited person to answer your question.”

35 Chris stayed at the Ritz carlton hotel in Amelia islands.....

Ans: ABCE(May or may not be)

Previous year opa/lpa-UNIX

1. Write a command to list all the files inside a folder i.e. if there is a folder inside a folder then it should list all files inside the sub-folder which is inside the folder to be listed.

```
ANS : ls -R
```

2. Search all the files which contains a particular string, say “include” within a folder.

```
grep include ./*
```

3. Rename all the files within a folder with suffix “Unix_” i.e. suppose a folder has two files a.txt and b.pdf then they both should be renamed from a single command to Unix_a.txt and Unix_b.pdf.

```
for f in * ; do mv “$f” “Unix_”$f” ; done
```

4. Rename all files within a folder with the first word of their content(remember all the files should be text files. For example if a.txt contains “Unix is an OS” in its first line then a.txt should be renamed to Unix.txt.

```
for f in $(ls|grep .txt);do mv “$f” “$(cat $ f|tr ‘ ‘ ‘\n’|head-1)” .txt; done
```

5 · Suppose you have a C project in a folder called “project”, it contains .c and .h files, it also contains some other .txt files and .pdf files. Write a Linux command that will count the number of lines of your text files. That means total line count of every file. (remember you have to count the lines in .txt files only).

```
wc -l *.txt ·
```

6. Rename all files which contain the sub-string ‘foo’, replacing it with ‘bar’ within a given folder.

```
for i in /*foo*;do mv — “$i” “${i//foo/bar}”;done
```

7 · Show the most commonly used commands from “history”. [hint: remember the history command, use cut, and sort it]

```
history|sort|cut -d-5 -n
```

1· Create a tree structure named ‘training’ in which there are 3 subdirectories – ‘level 1’, ‘level2’ and ‘cep’. Each one is again further divided into 3. The ‘level 1’ is divided into ‘sdp’, ‘re’ and ‘e’. From the subdirectory ‘se’ how can one reach the home directory in one step and also how to navigate to the subdirectory ‘sdp’ in one step? Give the commands, which do the above actions?

```
navigate from ‘se’ to home – cd ~      navigate directly to sdp – cd
```

```
training/level1/sdp
```

2· How will you copy a directory structure dir1 to dir2 ? (with all the subdirectories)

```
cp -R dir1 dir2
```


3· How can you find out if you have the permission to send a message?

```
ls -l
```

4· Find the space occupied (in Bytes) by the /home directory including all its subdirectories.

```
du -sb
```

5· What is the command for printing the current time in 24-hour format?

```
date '+%R'
```

6· What is the command for printing the year, month, and date with a horizontal tab between the fields?

```
date '+%R'
```

7· Create the following files: chapa, chapb, chapc, chapd, chape, chapA, chapB, chapC, chapD, chapE, chap01, chap02, chap03, chap04, chap05, chap11, chap12, chap13, chap14, and chap15.

```
Cat > chapaContents of fileCtrl+D
```

```
Cat > chapbContents of fileCtrl+D
```

```
Cat > chapcContents of file...Cat> chap15Contents of fileCtrl+D
```

8· With reference to question 7, What is the command for listing all files ending in small letters?

```
find . -name "[a-z].*"
```

9. With reference to question 7, What is the command for listing all files ending in capitals?

```
find . -name "[A-Z].*"
```

10. With reference to question 7, What is the command for listing all files whose last but one character is 0?

```
find . -name "*0?.*"
```

11. With reference to question 7, What is the command for listing all files which end in small letters but not 'a' and 'c'?

```
find . -name "[b d-z].*"
```

12. In an organisation one wants to know how many programmers are there. The employee data is stored in a file called 'personnel' with one record per employee. Every record has field for designation. How can grep be used for this purpose?

```
$ grep -c programmer personnel
```

13. In the organisation mentioned in question 12 how can sed be used to print only the records of all employees who are programmers.

```
$ sed -n "/programmer/p" personnel
```

14. In the organisation mentioned in question 12 how can sed be used to change the designation 'programmer' to 'software professional' every where in the 'personnel' file

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```

15. Find out about the sleep command and start five jobs in the background, each one sleeping for 10 minutes.

```
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```

16. How do you get the status of all the processes running on the system? i.e. using what option?

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Ans \$ sleep 10 & sleep 10 & sleep 10 & sleep 10 & sleep 10 &

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i.e. using what option?

Ans \$ ps -e

UNIX BASIC MCQ QUESTION WITH ANSWER

1. What is the command to print the current working directory?

- A) cd
- B) pwd
- C) ls
- D) mkdir

Answer: B) pwd

Explanation: pwd command is used to print the current working directory.

2. What is the command to list all files in a directory?

- A) ls
- B) cd
- C) cp
- D) mv

Answer: A) ls

Explanation: ls command is used to list all files in a directory.

3. What is the command to change the permissions of a file?

A) chmod

B) chown

C) cp

D) mv

Answer: A) chmod

Explanation: chmod command is used to change the permissions of a file.

4. What is the command to create a new directory?

A) mkdir

B) touch

C) rm

D) cat

Answer: A) mkdir

Explanation: mkdir command is used to create a new directory.

5. What is the command to delete a file?

- A) rm
- B) cp
- C) mv
- D) cat

Answer: A) rm

Explanation: rm command is used to delete a file.

6. What is the command to copy a file?

- A) cp
- B) rm
- C) mv
- D) cat

Answer: A) cp

Explanation: cp command is used to copy a file.

7. What is the command to move a file?

- A) mv
- B) cp
- C) rm
- D) cat

Answer: A) mv

Explanation: mv command is used to move a file.

8. What is the command to display the contents of a file?

- A) cat
- B) cp
- C) rm
- D) mv

Answer: A) cat

Explanation: cat command is used to display the contents of a file.

9. What is the command to change the ownership of a file?

- A) chown
- B) chmod
- C) cp
- D) mv

Answer: A) chown

Explanation: chown command is used to change the ownership of a file.

10. What is the command to search for a file or directory?

- A) find

B) grep

C) sed

D) awk

Answer: A) find

Explanation: find command is used to search for a file or directory.

11. What is the command to create a symbolic link?

A) ln -s

B) ln -h

C) ln -p

D) ln -f

Answer: A) ln -s

Explanation: ln -s command is used to create a symbolic link.

12. What is the command to change the group ownership of a file?

A) chgrp

B) chmod

C) chown

D) mv

Answer: A) chgrp

Explanation: chgrp command is used to change the group ownership of a file.

13. What is the command to compress a file or directory?

- A) tar
- B) zip
- C) gzip
- D) bzip2

Answer: C) gzip

Explanation: gzip command is used to compress a file or directory.

14. What is the command to extract files from a tar archive?

- A) tar -xvf
- B) tar -cvf
- C) tar -tvf
- D) tar -zcvf

Answer: A) tar -xvf

Explanation: tar -xvf command is used to extract files from a tar archive.

15. What is the command to display the disk usage of files and directories?

- A) du
- B) df

C) fdisk

D) mkfs

Answer: A) du

Explanation: du command is used to display the disk usage of files and directories.

16. What is the command to format a file system?

A) mkfs

B) fdisk

C) dd

D) tar

Answer: A) mkfs

Explanation: mkfs command is used to format a file system.

17. What is the command to mount a file system?

A) mount

B) unmount

C) fsck

D) mkfs

Answer: A) mount

Explanation: mount command is used to mount a file system.

18. What is the command to unmount a file system?

- A) umount
- B) mount
- C) fsck
- D) mkfs

Answer: A) umount

Explanation: umount command is used to unmount a file system.

19. What is the command to check and repair a file system?

- A) fsck
- B) mount
- C) umount
- D) mkfs

Answer: A) fsck

Explanation: fsck command is used to check and repair a file system.

20. What is the command to list all processes running on a system?

- A) ps
- B) top

C) kill

D) nice

Answer: A) ps

Explanation: ps command is used to list all processes running on a system.

21. What is the command to display the current system load?

A) top

B) ps

C) kill

D) nice

Answer: A) top

Explanation: top command is used to display the current system load.

22. What is the command to send a signal to a process?

A) kill

B) ps

C) top

D) nice

Answer: A) kill

Explanation: kill command is used to send a signal to a process.

23. What is the command to set the priority of a process?

- A) nice
- B) ps
- C) top
- D) kill

Answer: A) nice

Explanation: nice command is used to set the priority of a process.

24. What is the command to suspend a process?

- A) Ctrl + Z
- B) Ctrl + C
- C) Ctrl + X
- D) Ctrl + V

Answer: A) Ctrl + Z

Explanation: Ctrl + Z is used to suspend a process.

25. What is the command to resume a suspended process?

- A) fg
- B) bg
- C) ps

D) kill

Answer: A) fg

Explanation: fg command is used to resume a suspended process.

26. What is the command to run a process in the background?

A) &

B) Ctrl + Z

C) Ctrl + C

D) Ctrl + X

Answer: A) &

Explanation: & is used to run a process in the background.

27. What is the command to display the manual page for a command?

A) man

B) help

C) info

D) whatis

Answer: A) man

Explanation: man command is used to display the manual page for a command.

28. What is the command to display the type of a command?

- A) type
- B) which
- C) whereis
- D) locate

Answer: A) type

Explanation: type command is used to display the type of a command.

29. What is the command to search for a file in a directory?

- A) find
- B) locate
- C) grep
- D) whereis

Answer: A) find

Explanation: find command is used to search for a file in a directory.

30. What is the command to display the last lines of a file?

- A) tail
- B) head
- C) cat
- D) less

Answer: A) tail

Explanation: tail command is used to display the last lines of a file.

31. What is the command to display the first lines of a file?

- A) head
- B) tail
- C) cat
- D) less

Answer: A) head

Explanation: head command is used to display the first lines of a file.

32. What is the command to copy files and directories?

- A) cp
- B) mv
- C) rm
- D) mkdir

Answer: A) cp

Explanation: cp command is used to copy files and directories.

33. What is the command to move files and directories?

- A) mv
- B) cp
- C) rm
- D) mkdir

Answer: A) mv

Explanation: mv command is used to move files and directories.

34. What is the command to remove files and directories?

- A) rm
- B) cp
- C) mv
- D) mkdir

Answer: A) rm

Explanation: rm command is used to remove files and directories.

35. What is the command to remove a directory?

- A) rmdir
- B) mkdir
- C) rm
- D) mv

Answer: A) rmdir

Explanation: rmdir command is used to remove a directory.

36. What is the command to change the ownership of a file or directory?

A) chown

B) chmod

C) chgrp

D) chroot

Answer: A) chown

Explanation: chown command is used to change the ownership of a file or directory.

37. What is the command to change the permissions of a file or directory?

A) chmod

B) chown

C) chgrp

D) chroot

Answer: A) chmod

Explanation: chmod command is used to change the permissions of a file or directory.

38. What is the command to change the group ownership of a file or directory?

- A) chgrp
- B) chmod
- C) chown
- D) chroot

Answer: A) chgrp

Explanation: chgrp command is used to change the group ownership of a file or directory.

39. What is the command to change the root directory?

- A) chroot
- B) chmod
- C) chown
- D) chgrp

Answer: A) chroot

Explanation: chroot command is used to change the root directory.

40. What is the command to display the environment variables?

- A) env
- B) set
- C) export

D) unset

Answer: A) env

Explanation: env command is used to display the environment variables.

41. What is the command to set an environment variable?

A) export

B) env

C) set

D) unset

Answer: A) export

Explanation: export command is used to set an environment variable.

42. What is the command to unset an environment variable?

A) unset

B) env

C) set

D) export

Answer: A) unset

Explanation: unset command is used to unset an environment variable.

43. What is the command to check the disk usage of a file or directory?

- A) du
- B) df
- C) ls
- D) cat

Answer: A) du

Explanation: du command is used to check the disk usage of a file or directory.

44. What is the command to check the disk space available on a system?

- A) df
- B) du
- C) ls
- D) cat

Answer: A) df

Explanation: df command is used to check the disk space available on a system.

45. What is the command to compress files?

- A) tar
- B) gzip
- C) zip
- D) bzip2

Answer: B) gzip

Explanation: gzip command is used to compress files.

46. What is the command to create a compressed archive of files?

- A) tar
- B) gzip
- C) zip
- D) bzip2

Answer: A) tar

Explanation: tar command is used to create a compressed archive of files.

47. What is the command to extract files from a compressed archive?

- A) tar
- B) gzip
- C) unzip
- D) bzip2

Answer: A) tar

Explanation: tar command is used to extract files from a compressed archive.

48. What is the command to create a new user account?

- A) useradd
- B) usermod
- C) userdel
- D) userlist

Answer: A) useradd

Explanation: useradd command is used to create a new user account.

49. What is the command to modify an existing user account?

- A) usermod
- B) useradd
- C) userdel
- D) userlist

Answer: A) usermod

Explanation: usermod command is used to modify an existing user account.

50. What is the command to delete a user account?

- A) userdel
- B) useradd
- C) usermod
- D) userlist

Answer: A) userdel

Explanation: userdel command is used to delete a user account.

51. What is the command to list all the user accounts on a system?

A) cat /etc/passwd

B) userlist

C) users

D) who

Answer: A) cat /etc/passwd

Explanation: cat /etc/passwd command is used to list all the user accounts on a system.

52. What is the command to list all the groups on a system?

A) cat /etc/group

B) groupadd

C) groupmod

D) groupdel

Answer: A) cat /etc/group

Explanation: cat /etc/group command is used to list all the groups on a system.

53. What is the command to add a new group?

- A) groupadd
- B) groupmod
- C) groupdel
- D) grouplist

Answer: A) groupadd

Explanation: groupadd command is used to add a new group.

54. What is the command to modify an existing group?

- A) groupmod
- B) groupadd
- C) groupdel
- D) grouplist

Answer: A) groupmod

Explanation: groupmod command is used to modify an existing group.

55. What is the command to delete a group?

- A) groupdel
- B) groupadd
- C) groupmod

D) grouplist

Answer: A) groupdel

Explanation: groupdel command is used to delete a group.

56. What is the command to change the password for a user account?

A) passwd

B) userpasswd

C) pswd

D) user

Answer: A) passwd

Explanation: passwd command is used to change the password for a user account.

57. What is the command to switch to another user account?

A) su

B) switch

C) user

D) login

Answer: A) su

Explanation: su command is used to switch to another user account.

58. What is the command to check the status of a running process?

- A) ps
- B) status
- C) run
- D) process

Answer: A) ps

Explanation: ps command is used to check the status of a running process.

59. What is the command to terminate a running process?

- A) kill
- B) stop
- C) end
- D) terminate

Answer: A) kill

Explanation: kill command is used to terminate a running process.

60. What is the command to view the contents of a file?

- A) cat
- B) ls
- C) vi
- D) cp

Answer: A) cat

Explanation: cat command is used to view the contents of a file.

61. What is the command to remove a file?

- A) rm
- B) cp
- C) mv
- D) ln

Answer: A) rm

Explanation: rm command is used to remove a file.

62. What is the command to list the contents of a directory?

- A) ls
- B) cd
- C) pwd
- D) dir

Answer: A) ls

Explanation: ls command is used to list the contents of a directory.

PLSQL MCQs :

1.What type of join in below statement..?

Select column name(s) from table1 T1 , table2 T2 Where condition;

1.self join (ans)

2.inner join

3.outer join

4.Left outer join

2.Plsql question with global variables and local variables

1.95,95

2.95,195

3.195,195 (ans)

4.Error

3.How many types of indices are present in sqlserver ?

1.2 (ans)

2.1

3.3

4.4

4. Sql command-

1. `select age where age between 30 and 100 (ans)`

2. `select age where age(30,100)`

3. `select age where age>=30 and age<=100`

5. Which is the invalid command in sql?

1. Revoke

2. Join

3. `Fetch (ans)`

4. Like

6. To increase the size of a column in SQL.. ?

`ALTER TABLE table_name MODIFY column_name datatype(new_size)`

7. One question from plsql was "the upward to lower flow in a loop is?"

1. inverse

2. `reverse(ans)`

3. backward

4. none

8. SQL Query used to search details based on the 1st character in a column..?

`Select * from table_name where name like '(char)%';`

9. What is the purpose of type and rowtype..?

TYPE provides datatype of a variable and ROWTYPE provides record type that represents an entire row of a table or view or columns selected in the cursor

10. Procedure can be called in how many ways

1. automatically called

2. called using select statement

3. using execute command (ans)

4. calling the name of the procedure from other plsqlblock (ans)

11. What will happen (pl/sqlcode) Exit when (c1%rowcount>5) or (c1%notfound) terminate loop when row count is greater than 5 or when no data found

12. Which are the types of conditional statements in plsql?

1. IF THEN END IF IF THEN ELSE END IF IF THEN ELSEIF END IF

2. IF THEN END IF IF THEN ELSE END IF IF THEN ELSIF END IF (ans)

3. IF THEN END IF IF THEN ELSE END IF THEN ELSEIF END

4. IF THEN END IF IF THEN ELSE END IF THEN ELSIF END

14. We cannot use where clause with truncate.

1. True (ans)

2.False

15.What is the output of the below query?

```
select left('Welcome to PLSQL',3)
```

1.wel(ans)

2.Error

3.SQL

4.We

16.Sql command to drop the column in specific table.. ?

```
alter table tablenamedrop column columnname
```

1. Write a command to list all the files inside a folder i.e. if there is a folder inside a folder then it should list all files inside the sub-folder which is inside the folder to be listed.

ANS: ls -R

2. Search all the files which contains a particular string, say “include” within a folder.

```
Ans grep include ./*
```

3. Rename all the files within a folder with suffix “Unix_” i.e. suppose a folder has two files a.txt and b.pdf than they both should be renamed from a single command to Unix_a.txt and Unix_b.pdf.

```
Ans for f in * ; do mv “$f” Unix_”$f” ; done
```

4. Rename all files within a folder with the first word of their content(remember all the files should be text files. For example if a.txt contains “Unix is an OS” in its first line then a.txt should be renamed to Unix.txt.

```
Ans for f in $(ls|grep .txt);do mv “$f” “$(cat $ f|tr ‘ ‘ ‘\n’|head-1)”.txt; done
```

5. Suppose you have a C project in a folder called “project”, it contains .c and .h files,it also contains some other .txt files and .pdf files. Write a Linux command that will count the number of lines of your text files. That means total line count of every file. (remember you have to count the lines in .txt files only).

```
Ans wc -l *.txt
```

6. Rename all files which contain the sub-string ‘foo’, replacing it with ‘bar’ within a given folder.

```
Ans for i in ./*foo*;do mv — “$i” “${i//foo/bar}”;done
```

7 · Show the most commonly used commands from “history”. [hint: remember the history command, use cut, and sort it]

Ans `history|sort|cut -d-5 -n`

· Create a tree structure named ‘training’ in which there are 3 subdirectories – ‘level 1’, ‘level2’ and ‘cep’. Each one is again further divided into 3. The ‘level 1’ is divided into ‘sdp’, ‘re’ and ‘e’. From the subdirectory ‘se’ how can one reach the home directory in one step and also how to navigate to the subdirectory ‘sdp’ in one step? Give the commands, which do the above actions?

navigate from ‘se’ to home – `cd ~` navigate directly to sdp – `cd training/level1/sdp`

2· How will you copy a directory structure dir1 to dir2 ? (with all the subdirectories)

Ans `cp -R dir1 dir2`

3· How can you find out if you have the permission to send a message?

Ans `ls -l`

4· Find the space occupied (in Bytes) by the /home directory including all its subdirectories.

Ans du -sb

5. What is the command for printing the current time in 24-hour format?

Ans date '+%R'

6. What is the command for printing the year, month, and date with a horizontal tab between the fields?

Ans date '+%R'

7. Create the following files: chapa, chapb, chapc, chapd, chape, chapA, chapB, chapC, chapD, chapE, chap01, chap02, chap03, chap04, chap05, chap11, chap12, chap13, chap14, and chap15.

Ans Cat > chapaContents of fileCtrl+D

Cat > chapbContents of fileCtrl+D

Cat > chapcContents of file...Cat> chap15Contents of fileCtrl+D

8. With reference to question 7, What is the command for listing all files ending in small letters?

find . -name "[a-z].*"

9. With reference to question 7, What is the command for listing all files ending in capitals?

find . -name "[A-Z].*"

10· With reference to question 7, What is the command for listing all files whose last but one character is 0?

Ans find . -name "*0?.*"

11· With reference to question 7, What is the command for listing all files which end in small letters but not 'a' and 'c'?

Ans find . -name "*[b d-z].*"

12· In an organisation one wants to know how many programmers are there. The employee data is stored in a file called 'personnel' with one record per employee. Every record has field for designation.

How can grep be used for this purpose?

Ans \$ grep -c programmer personnel

13· In the organisation mentioned in question 12 how can sed be used to print only the records of all employees who are programmers.

Ans \$ sed -n "/programmer/p" personnel

14· In the organisation mentioned in question 12 how can sed be used to change the designation 'programmer' to 'software professional' every where in the 'personnel' file

Ans \$ sed -e "s/programmer/software professional/g" personnel

15. Find out about the sleep command and start five jobs in the background, each one sleeping for 10 minutes.

Ans `$ sleep 10 & sleep 10 & sleep 10 & sleep 10 & sleep 10 &`

16. How do you get the status of all the processes running on the system?

i.e. using what option?

Ans `$ ps -e`

UI MCQS

1.Syntax of background image in CSS ?

background-image

2.All html tags have closing tags ?

false

3.what is command for ordered list with roman number ?

<oltype='I'>

|

4.Which is not CSS unit ?

1.em

2.ut

3.%

4.px

5.p{ color: green }

<p>xyz</p>

Paragraph is printed in which color

1.Green

2.Red

3.Blue

4.Error

6.Emphasing the text in html ... ?

7.Tag which is not for formatting text ?

1.

2.<p>

3.

4.<i>

8.which is the invalid field in HTML5 ?

1.Day

2.Date

3.Datetime

4.Month

9.Which is invalid escape sequence in JavaScript ?

1./r

2./b

3./f

4./e

10.you have created a shell script and wants to run the script . what should you do

before try to run

the script ?

1.No action required

2.Compile the script.....

3.Update the execute permission of the script

11. Caption tag is used with ...

1. Image

2. Table

3. Both

4. None

12. Text-align: justify... ?

1. Left

2. Right

3. Center

4. None of these correct answer [Stretches the lines so that each line has equal width]

13. `a:link,a:visited {background-color : red;}`

`a:hover {background-color : green}`

`Click me `

1. will create a button having background color red

2. will create a link having background color red and on moving the pointer background color will be green

3. will create a link having background color green

4. will create a button having background color red and on moving the moving the pointer color will change to green

14. Question from javascript section , 'var x=100+5**3 ? '

1. 125

2. 225

3. NAN

15. Which tag is used to emphasize the text.. ?

1.

2.

3.<emph> or

16.<p>top news </p>

><blockquote url: Hindu news.com</blockquote>

Today's news block quote display or not ?

1.True

2.False

17.Which is not inline in html ?

1.<hr>

2.

3.

4.<a>

18.Array in javascript.. ?

1.List form[]

2.Tuple form()

3.Dictionary form{}

4.None of these

19.Color in html not valid .. ?

1.Color: darkblue

2.Color :#00off

3.Color : rgb(0,0,255)

4.Color :blue

20. `` ?

1. Display with mentioned width and height

2. Display image as watermark

3. None of these

21. Appearance of `<ins>` tag ?

1. Italics

2. Underline

3. Bold

4. Unformatted

22. A link can be image or any other html element ?

1. True

2. false

23. Svg is used for ?

1. drawing lines , graphics etc.

2. for sound to pause, play etc.

24. `` is used for ?

1. to select inline block

2. to group elements for styling purposes.

25. Which property is not applicable for paragraph ?

1. float

2.border

3.margin

4.font-family

26.Which block of code will be executed ?

1. p{<!--commentcolor: red;}}

2. p{/* comment */ color: red;}

3. p{// commentcolor: red;}

4. p{# commentcolor: red}

27.Which of below block is used to style Xplore <h1> tag ?

(<h1 class="Xplore">)

1.h1{.....}

2.xplore.h1{.....}

3.h1{....}

4.h1.xplore{....}

28.<p class="abc"></p>

<script>var x ;

document.getElementsByClassName("abc").innerHTML= x;

</script>

What is output of code ?

1) NaN

2) 0

3) 14

) error

29.JavaScript run using ScriptEngine?

1.True

2.False

30. Which of these statement is correct in JavaScript?

1.true and false are numeric values 1 and 0.

2.true and false are numeric values 0 and 1.

3.true is any nonzero value and false is 0.

4.true and false are non numeric values.

31.<p class="A">ABC</p>how to style ABC?

1. .A{color: red;}

2. #A{color: red;}

3. *A{color: red;}

4. A{color: red;}

32. Which is not CSS properties?

1.background-render

2.background-attachment

