

[Updated Constantly]

HERE

[Introduction to Linux II – Chapter 09 Exam Answers 2019 + PDF file](#)

1. Which of the following parameters is not referred by locale?
 - Character classification
 - **Digital signatures**
 - Numeric representation
 - Monetary symbols
2. For locally run programs, the locale information is provided by system variables.
True or False?
 - True
 - **False**
3. How is the locale set for web applications?
 - **Obtained from the web browser**
 - Obtained from the user's environment variables
 - Obtained from the user's *.profile*
 - Obtained from the web server
4. What is the format used for naming a locale definition file?
 - *language[_countrycode][.codeset][@modifiers]*
 - ***language[_territory][.codeset][@modifiers]***
 - *language[_region][.codeset][@modifiers]*
 - *language[.codeset][_territory][@modifiers]*
5. Which of the following is not seen in the output of the *locale* command?
 - **LC_PRINT**
 - LC_COLLATE
 - LC_CTYPE
 - LC_MESSAGES
6. Which command is used to list all available locales on the system?
 - locale
 - locale -l
 - locale -A
 - **locale -a**
7. Setting which of the following environment variables will change the language and encoding for the current login session to French?

- **LANG=fr_FR.iso-8859-15**
 - LC_NAME=fr_FR.iso-8859-15
 - LC_CTYPE=fr_FR.iso-8859-15
 - LC_MESSAGES=fr_FR.iso-8859-15
8. Which file is used to set the user's locale permanently?
- ~/.forward
 - ~/.lang
 - **~/.profile**
 - ~/.login
9. What is the behavior of setting C locale?
- **Strings are displayed as written in the initial code**
 - Strings are always displayed in UTF-8
 - Strings are displayed as per the user's LANG setting
 - Strings are translated and then displayed
10. Which environment variable is used to specify the directories for message translation catalogs?
- PATH
 - NLPATH
 - **NLSPATH**
 - LOCALEPATH
11. Linux systems keep time in ____.
- **UTC**
 - GMT
 - UST
 - IST
12. UTC is not subjected to daylight saving time.
True or False?
- **True**
 - False
13. Which environment variable is used to find the time zone?
- **TZ**
 - SYSTIME
 - TIME
 - TZONE
14. The `/etc/localtime` file is a flat file containing plain text that is used to configure the system wide time zone. True or False?

- True
 - **False**
15. Which file is used to indicate the current time zone on Red Hat systems?
- */etc/sysconfig/tz*
 - */etc/sysconfig/time*
 - */etc/sysconfig/time*
 - ***/etc/sysconfig/clock***
16. Which utility is used to determine the TZ variable's value?
- *tzchange*
 - ***tzselect***
 - *tzset*
 - *tzmod*
17. Which command is used to verify time zone changes?
- *sysdate*
 - *nls*
 - ***date***
 - *system*
18. Which of the following is not a function of the date command?
- Displaying past dates
 - Reading date patterns from a file
 - Displaying Universal time
 - **Sorting files by date**
19. Character encoding is the process of maintaining the mapping between the character and its _____ value.
- **Internal**
 - Mapped
 - Encoded
 - Decoded
20. Which command is used to find the current character mapping in Linux?
- *locale -C*
 - *locale -charmap*
 - *locale -c*
 - ***locale charmap***
21. Which characters are not supported by ASCII?
- Punctuation symbols
 - **Mathematical symbols**

- Numbers 0 – 9
- English letters

22. **ASCII is not a subset of UTF-8.**

True or False?

- True
- **False**

23. **Which of the following is NOT a capability of Unicode characters?**

- Supports mathematical and technical symbols
- Can be used in file names
- User applications can display Unicode files
- **Uses separate language packs for each language**

24. **What does UTF-8 mean?**

- UCS Technology Format
- UCS Transfer Format
- UCS Transcoding Format
- **UCS Transformation Format**

25. **UTF-8 is a fixed-width encoding scheme that can represent every character in the Unicode character set.**

True or False?

- True
- **False**

26. **How many bits character encoding is supported by ISO?**

- 32-bit
- **8-bit**
- 16-bit
- 4-bit

27. **Which is the most commonly used character encoding for the Internet?**

- ISO
- **UTF-8**
- ASCII
- UTF-16

28. **Which API is used for converting one character encoding to another?**

- fconv
- pconv
- **iconv**
- rconv

29. Which can be used for converting an older ASCII encoded file to UTF-8 encoding?

- locale
- **iconv**
- sed
- awk

30. The _____ mapping method is supported by Unicode.

- Universal Transformation Set (UTS)
- Universal Locale Set (ULS)
- Universal Formatting Set
- **Universal Character Set (UCS)**