

**G.PULLAIAH COLLEGE OF ENGINEERING & TECHNOLOGY (AT)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

III.B.Tech., I Sem. Objective – II MID Exam SET-1

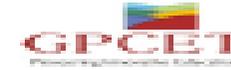
Sub: R PROGRAMING Date:17-11-2018

Time: 20 Mins Max.Marks:10

Roll No: _____ Invigilator Signature: _____

Choose the Correct Answer

- Multiple response variables can be given by using the cbind() command to name them explicitly
a)cbind() b)cbind c)rbind() d)None []
- Which command can apply a function to rows or columns.
a)sapply() b)apply() c)tapply() d)All []
- Which command can use a grouping variable to sum data across rows.
a) rowsum() b) rowsums() c) rank() d) t() []
- Data frames can be constructed using which command
a) dataframe() b) data.frame c) data.frame() d) none []
- command is used to see current directory
a) dir() b) getwd() c)setwd() d) none []
- To create replicate labels as factors which commands are used.
a) rep() b) gl() c) both a&b d) None []
- If $x=c(23,12,51)$ determine mean(x)
a) 28.66667 b)28.56 c) 25.556 d)25 []
- We can add text and points to existing graphs using which commands.
a) text(),points() b) read.text() c) points d) none. []
- ANOVA is Abbreviated as []
a) Analysis of variance b) Analysis of variable c) both d) none
- command can be used to create a palette of colors that can be used on plots
a) par() b) colors() c) palette() d) col() []



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- command can be used to create a palette of colors that can be used on plots
a) par() b) colors() c) palette() d) col() []

Fill in the blanks:

11. The _____ command is the key to creating customized commands.

12. If $f \leftarrow c(5,8,14,9,12)$ determine rank of y _____

13. The margins of the plot window can also be altered using _____

14. Formula to determine standard deviation _____

15. If $v \leftarrow c(2,4,5,6,7)$, what is the first quartile _____

16. _____ command can produce text that is superscripted or subscripted

17. _____ command can be used to add a legend to an existing plot.

18. What is the command used to represent matrix data in a column _____

19. To view the columns in data frame _____ is used.

20. Which command returns the numbers of the available screens remaining.

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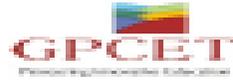
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III.B.Tech., I Sem. Objective – II MID Exam SET-2

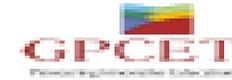
Sub: R PROGRAMING Date:17-11-2018

Time: 20 Mins Max.Marks:10

Roll No: _____ Invigilator Signature: _____

Choose the Correct Answer

1. Data frames can be constructed using which command
a) dataframe() b) data.frame c) data.frame() d) none []
2. Which command can apply a function to rows or columns.
a)sapply() b)apply() c)tapply() d)All []
3. -----saves a text representation of a custom function to disk []
a)library b)dump() c)require d)None
4. can annotate scripts using []
a)/* b)* c)# d)**
- 5.Straight lines can be added using []
a) abline() b)curveline c)abline d)none
- 6 . command strips out unwanted NA items from vectors and data frames. []
a)NA b)na.rm() c)na.omit d)All
7. command can query the current length or alter it []
a)length() b)len() c)both d)None
- 8.To view the type of data which command is used []
a)type() b)class() c)str() d)None
9. command enables you to give a command across rows or columns of a data frame or matrix. []
a)vector() b)apply() c)dataframe d)apply
- 10.To reposition the stack data which command is used []
a)rep() b)unstack() c)data.frame() d)unstack



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Fill in the blanks:

11. An array is typically generated by using the _____
12. what is the formula to determine chisquaretest() _____
13. ANOVA Means _____
14. _____ command can bend sections of straight line to create a smooth curve.
15. _____ & _____ are developers of R.
16. To quit R _____ is used.
17. Assignment to an object is denoted by _____
18. _____ command enables the use of grouping variables and can utilize any command
19. _____ command for linear modeling and regression.
20. _____ is usually used to create graph.

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Fill in the blanks:

11. _____ command can plot multiple series on one chart.
12. Results objects that arise from the `lm()` command include _____ , _____ and _____
13. Assignment to an object is denoted by _____
14. If you need help with a function, then _____ commands are used.
15. Use the _____ to specify the regression model.
- 16 _____ command enables you to add short sections of a straight line to an existing graph.
17. _____ command is the key to creating customized commands.
18. _____ command saves a text representation of a custom function to disk, which can be
19. Can define color palettes using the _____ command.
20. We can add error bars to graphs using _____ commands is used.

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