

OR

- 8 a. Explain any 4 built-in functions used in awk. (08 Marks)
- b. Write an awk script to compute gross salary of an employee according to rule given below :
if basic salary < 10000 then
hra = 15% of basic and DA = 45% of basic
if basic salary ≥ 10000 then
hra = 20% of basic and DA = 50% of basic (08 Marks)

Module-5

- 9 a. Who is a super user? Explain privileges of super user? (08 Marks)
- b. What is a process? Explain the mechanism of process creation. (08 Marks)

OR

- 10 a. Explain at and batch command. (06 Marks)
- b. Why do we use history command? What is the output after executing following command?
i) `grep http !30:4`
ii) `! Cp : gs/doc/html`
iii) `! find : s/pl/java`
iv) `echo !$:r` (10 Marks)

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