

**AMIETE – CS/IT (Current & New Scheme)**

Time: 3 Hours

**JUNE 2016**

Max. Marks: 100

**PLEASE WRITE YOUR ROLL NO. AT THE SPACE PROVIDED ON EACH PAGE IMMEDIATELY AFTER RECEIVING THE QUESTION PAPER.**

**NOTE: There are 9 Questions in all.**

- **Question 1 is compulsory and carries 20 marks. Answer to Q.1 must be written in the space provided for it in the answer book supplied and nowhere else.**
- **The answer sheet for the Q.1 will be collected by the invigilator after 45 Minutes of the commencement of the examination.**
- **Out of the remaining EIGHT Questions, answer any FIVE Questions. Each question carries 16 marks.**
- **Any required data not explicitly given, may be suitably assumed and stated.**

**Q.1 Choose the correct or the best alternative in the following: (2×10)**

- \_\_\_\_\_ normally runs in background from a shell, and its standard input and standard output are connected to another program using a pipe.  
(A) Processes (B) Shared processes  
(C) Multi-processes (D) Co-processes
- What is a *shell* in UNIX?  
(A) a program through which users can issue commands to UNIX  
(B) a window management system  
(C) the login screen  
(D) the thing that rides on the back of a turtle in UNIX
- The shells process their command lines \_\_\_\_\_  
(A) from right to left (B) from left to right  
(C) Both (A) and (B) (D) None of these
- Absolute pathname in Unix starts from  
(A) Current working directory name (B) /  
(C) \ (D) ~
- Which of these situations would cause an error message to be printed after typing the command “my\_script” on the command line, assuming that my\_script is a ksh script ?  
(A) my\_script does not have execute permission set  
(B) the current working directory is not in the PATH  
(C) Both (A) and (B)  
(D) Neither (A) nor (B)
- The apropos command is used to:  
(A) obtain a list of commands whose description contains given keywords  
(B) change the system language to French  
(C) get help on a particular command  
(D) create a new binary file
- Which function is called to open or create a file?  
(A) make (B) create  
(C) open (D) Get

