

*“Do not write anything on question-paper except Roll Number, otherwise it shall be deemed as an act of indulging in unfair means and action shall be taken as per rules.”*

**Roll No. ....**

**B.C.A. (III)  
1735**

**Sys. Anal. & Desi.**

**B.C.A. (Part-III) EXAMINATION, 2018  
PAPER - V  
BCA: 305- SYSTEM ANALYSIS & DESIGN**

**Time Allowed - Three Hours**

**Maximum Marks - 80**

नोट :- (1) प्रश्न संख्या 1 अनिवार्य है। शेष प्रश्नों में से किन्हीं चार को हल कीजिये।

(2) सभी प्रश्नों के अंक समान हैं।

Note :- (1) Question No. 1 is compulsory. Attempt any FOUR questions from the remaining questions.

(2) All questions carry equal marks.

1. Explain the following in brief -
  - (a) What do you understand by Boundaries and interface in a system ?
  - (b) What kind of information we need during sytem planning ?
  - (c) What do you understand by obtrusive and unobtrusive observation ?

- (d) What is Brain storming ?
  - (e) What is structured Analysis ?
  - (f) What is user Acceptance testing ?
  - (g) Define system Entropy.
  - (h) Define system security.
2. Write short notes on following :-
- (a) System Testing
  - (b) Elements of system
  - (c) Technical & operational feasibility
  - (d) Attributes of system Analyst
3. (a) Explain pros and cons of each structured Analysis tool.
- (b) Draw a DFD for college management.
4. What do you understand by cost Benefit Analysis?  
Explain various costs & Benefits involved in cost Benefit Analysis.
5. (a) Explain various requirements of form design.
- (b) What is test plan ? Explain various activities involved in test plan.
6. (a) Explain different levels of quality Assurance.
- (b) Differentiate between MIS and DSS.
7. Write short notes on following ;-
- (a) Data Dictionary
  - (b) Post Implementation Review
  - (c) Ethics in system Development
  - (d) Structured English
8. (a) What do you understand by conversion ? Explain various activities involved in conversion.
- (b) Explain various threats of system security.