

Code : 303103

BCA 1st Semester Theory Examination, 2017

Information Technology and Application

Time : 3 Hrs

Full Marks : 60

Instructions :

- (i) The questions are of equal value.
- (ii) There are **Seven Questions** in this paper.
- (iii) Attempt five questions in all.
- (iv) **Question Nos. 1 & 2 are compulsory.**
- (f). Choose the correct answer (any six) of the following: $2 \times 6 = 12$
 - (a) IC chips used in computers are usually made of
 - (i) Lead
 - (ii) Silicon
 - (iii) Chromium
 - (iv) Gold
 - (b) One kilobyte is equal to
 - (i) 1000 bytes
 - (ii) 1024 bytes
 - (iii) 100 bytes
 - (iv) 1023 bytes
 - (c) Which of the following is not an example of **Operating System** ?
 - (i) DOS
 - (ii) Windows
 - (iii) Linux
 - (iv) Mac OS

- (i) Windows 98
- (ii) BSD Unix
- (iii) Microsoft Office XP
- (iv) Red Hat Linux
- (d) Which supercomputer is developed by the Indian Scientists?
 - (i) Param
 - (ii) Super 301
 - (iii) Compaq presario
 - (iv) CRAY YMP
- (e) One Gigabyte is approximately equal to
 - (i) 1000,000 bytes
 - (ii) 1000,000,000 bytes
 - (iii) 1000,000,000,000 bytes
 - (iv) None of these
- (f) Check the odd term out
 - (i) Internet
 - (ii) Linux
 - (iii) Unix
 - (iv) Windows
- (g) What is the control unit's function in the CPU
 - (i) To transfer data to primary storage.
 - (ii) To store program instructions.

- (iii) To perform logic functions.
- (iv) To decode program instructions.
- i) What is the best way to have a data and the slide number appear on every slide?
- choose Tools, Header and Footer, click Slide tab, select the desired options, click Apply to All.
 - choose Insert, Header and Footer, click Slide tab, select the desired options, click Apply to All.
 - choose View, Header and Footer, click Slide tab, select the desired options, click Apply to All.
 - choose File, Header and Footer, click Slide tab, select the desired options, click Apply to All.
- (j) What do you use to create a chart?
- Pie Wizard
 - Excel Wizard
 - Data Wizard
 - Chart Wizard
- (k) When we open an Internet site we see www. What is the full form of www?
- world wide woord
 - world wide web
 - world widing works
 - words wide spiderman web

P.T.O.

2. Answer any three of the following:

- (a) What is Data Communication?
- (b) Different Characteristics of Networks.
- (c) Name various types of operating system.
- (d) Differentiate between hardware and software.
- (e) What are the various categories of software?

Answer any three questions:

3. What are different functions of Operating System?
4. What are the characteristics of a good programming language?
5. What are network topology? Explain in detail.
6. What are different Input/output Devices?
7. What are the Generation of Computer System? Explain
