



47722/A0220

Reg. No.

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I Semester (NEP) BCA Degree Examination, April/May - 2022

FUNDAMENTALS OF COMPUTER.

(Regular)

Time : 2 Hours

Maximum Marks : 60

Instructions to Candidates:

1. All questions are compulsory, Subject to internal choice.
2. Draw the diagrams wherever necessary.

1. Answer any Six Questions.

(6×2=12)

- a) What is output device ? Give example.
- b) Name any two digital computers.
- c) $25_{(10)} = \underline{\hspace{2cm}}_{(2)}$
- d) Define compiler.
- e) What is Application program ? Give example.
- f) What is PWD command in unix.
- g) Write the purpose of DBMS.
- h) Expand WWW and https.

2. Answer any Three Questions.

(3×4=12)

- a) Describe I and II Generation computers.
- b) Write the functions of CU and ALU.
- c) Explain any two Input devices with their neat diagram.
- d) Explain CPU of Computer

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47722/A0220

3. Answer any **Three** Questions.

(3×4=12)

- a) What is non-positional numbering system ? Give examples.
- b) Convert the following
 - (i) $1AF_{(16)} = \underline{\hspace{2cm}}$ (2)
 - (ii) $248_{(10)} = \underline{\hspace{2cm}}$ (16).
- c) Explain machine level and assembly level language.
- d) What is flowchart ? list the symbols of flowchart.

4. Answer any **three** questions

(3×4=12)

- a) What are system program and application program.
- b) Discuss multi processing & time sharing Systems.
- c) Explain Unix Architecture.
- d) Write the purpose of cat, CP, rm and MV command. with syntax and example.

5. Answer any **three** questions

(3×4=12)

- a) Describe the applications of database.
 - b) Who is DBA ? list the roles of DBA.
 - c) List the Services of Internet.
 - b) What is Webbrowser ? list any four web browsers.
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