(i) Printed Pages: 2

(ii) Questions : 9

Roll No. ....

Sub. Code : $\boxed{8}\boxed{7}\boxed{0}\boxed{9}$

Exam. Code : $\boxed{1}\boxed{2}\boxed{1}\boxed{9}$

PGDCA 1st Semester

(2122)

COMPUTER FUNDAMENTALS

Paper : PGD-1101

Time Allowed : Three Hours] [Maximum Marks : 60

Note :—Candidate is required to attempt **five** questions in all, including Question No. **9** which is compulsory and attempt remaining **four** questions by selecting **one** question from each Section.

SECTION—A

1. Discuss the classification of computer based on architecture. Also highlight various applications of computers in today's scenario. 12

2. What is the significance of number systems in computer systems ? Explain major number systems available. Convert the following :

   (a) $(110011.1101)_{10} = ($ $)_8$

   (b) $(652.25)_8 = ($ $)_2$

   (c) $(11001010101.1101)_2 = ($ $)_{16}$ 12

SECTION—B

3. Describe the need of DOS commands. Explain at least five internal and five external commands of your own choice.

12

4. Compare and contrast features, advantages and limitations of Windows and Linux Operating System.

12

SECTION—C

5. Write notes on :

   (a) Spell Check

   (b) Header and Footer

   (c) Word Art

   (d) Menu Toolbar.

12

6. Explain the concept and steps involved in mail merge. Write steps involved in creating merged envelopes.

12

SECTION—D

7. Explain major features of spreadsheet software. Write a note on mathematical and string functions with suitable examples.

12

8. What do you understand by selecting design templates in presentation software ? Write about the relevance and ways of adding animation to the presentation.

12

(Compulsory Question)

9. (a) What is the significance of 1's complement ?   2

   (b) Write about the functionality of control panel.   2

   (c) How are borders applied to a table ?   2

   (d) What do you understand by working with range ?   2

   (e) Define role of auto sum.   2

   (f) Write about the relevance of bar graphs.   2