

ITD-101

**Post Graduate Diploma in Computer
Application Examination, 2018**

IT TOOLS AND NETWORKS

Paper-I

Time Allowed : Three Hours

Maximum Marks : 75

PART - A (खण्ड-अ)

[Marks : 20]

Answer all questions (50 words each).

All questions carry equal marks.

सभी प्रश्न अनिवार्य हैं। प्रत्येक प्रश्न का उत्तर पचास शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

PART - B (खण्ड-ब)

[Marks : 35]

Answer *five* questions (250 words each).

Selecting *one* from each unit. All questions carry equal marks.

प्रत्येक इकाई से एक-एक प्रश्न चुनते हुए, कुल पाँच प्रश्न कीजिए।

प्रत्येक प्रश्न का उत्तर 250 शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

PART - C (खण्ड-स)

[Marks : 20]

Answer any *two* questions (300 words each).

All questions carry equal marks.

कोई दो प्रश्न कीजिए। प्रत्येक प्रश्न का उत्तर 300 शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

PART-A

UNIT - I

1. (a) Depict the characteristics of a computer.

(b) What is a register ? Explain.

UNIT - II

(c) What is multimedia ? Explain.

(d) What do you understand by levels of programming language ?

UNIT - III

(e) What is system software ?

(f) Describe basic elements of MS Windows ?

UNIT - IV

(g) What do you understand by application software ?

(h) What are wizards ?

UNIT - V

(i) What is a modem ? Why is it needed ?

(j) What are the major objectives of a computer Network?

PART-B

UNIT - I

2. Define a computer. Explain the components of the computer system in detail.

3. Describe computer memory organization.

UNIT - II

4. What are the different types of computers ? Explain.
5. Depict the relationship between hardware and software.

UNIT - III

6. What are internal and external DOS commands ? How they are distinct ?
7. Compare MS Windows with Linux.

UNIT - IV

8. Explain the concept of spreadsheet in detail.
9. How is an editor different from a word processor ? Explain.

UNIT - V

10. Describe the standard components and devices used to build computer networks.

11. State and explain any five elements of presentation package.

PART-C

UNIT - I

12. Explain the representation and coding in computer system.

Convert decimal 937 into binary, octal and hexadecimal.

UNIT - II

13. Describe each components of CPU in detail. Explain peripheral devices.

UNIT - III

14. Make a comparison between MS-DOS and MS-Windows. Describe the system tools in MS Windows. List the steps of Linux installation.

UNIT - IV

15. Describe mail merge and explain the proofing tools.

UNIT - V

16. Discuss the types of computer networks and communication channels. Also describe the various LAN topologies.