

Computer Science

Note: Time allowed for Section-B and Section-C is 2 Hours and 45 minutes.

SECTION-B

Q2: Attempt any SEVEN parts. Each part carries FOUR marks.

- 1) Describe the function of the following;
(a) ALU (b) Memory Unit (c) CU (d) PSU
- 2) Mention eight main objectives of operating system.
- 3) Mention functions of four common tabs on Ribbon in MS Word Window.
- 4) What is page formatting? How to change the;
(a) Orientation (b) Size of the page (c) Columns
- 5) What is paste special, write the three steps to use the paste special command.
- 6) Define the following terms with example;
(a) Analogue signals (b) Digital signals
- 7) What is the function of a Router in Communication Devices?
- 8) Define Simplex mode of transmission. Give two advantages and one disadvantages of Simplex Mode of transmission.
- 9) Differentiate between hacker and cracker with example.

SECTION-C Marks: 16

Note: Attempt any TWO questions. All questions carry equal marks.

Q3: What is Operating System, give examples? Describe the purposes of User Management in an Operating System.

Q4: Differentiate between following components with examples.

- (a) Sender and Receiver
- (b) Protocol and Transmission Medium

Q5: What is network architecture? Explain in detail three types of network architecture in detail.