

Computer Science (Subjective)

Time: 02:10 Hours Marks: 60

SECTION – I**2. Write short answers to any SIX parts.**

- (i) Differentiate between data and information.
- (ii) Define computer.
- (iii) What is smart card?
- (iv) Who is programmer?
- (v) What do you know about www ?
- (vi) How are WANS connected?
- (vii) What is the use of repeater?
- (viii) How font can be bold and underline?
- (ix) How many items can be stored in clipboard?

12

3. Write short answers to any SIX parts.

- (i) How would you compare asynchronous and synchronous transmission?
- (ii) What are the two forms of data communication signals?
- (iii) How does data flow in half duplex mode?
- (iv) Why is RAM called volatile?
- (v) List out two types of buses.
- (vi) What is DMA?
- (vii) What is the use of general purpose registers?
- (viii) How would you compare relative and absolute referencing?
- (ix) How would you enter a formula in MS-Excel?

12

4. Write short answers to any SIX parts.

- (i) List four benefits of video conferencing.
- (ii) How computer can be useful in airline system?
- (iii) What do you know about robot?
- (iv) How can virus damage computer?
- (v) Why is data protection so important?
- (vi) Describe the term plug and play.
- (vii) Give two examples of GUI operating systems.
- (viii) Define the internet.
- (ix) How web pages are created?

12

SECTION – II Attempt any THREE questions. Each question carries 08 marks.

- 5. What is impact printer? Explain dot-matrix and daisy-wheel printers. 02,03,03
- 6. Define computer network. Discuss client-server and peer-to-peer network models. 02,03,03
- 7. What is the concept of encoding scheme? Explain any three coding schemes. 02,02,02,02
- 8. What is operating system? Discuss any six functions of operating system. 02,06
- 9. Give your opinion about data security. Discuss any six ways of security violations. 02,06