

Please check whether you have got the right question paper.

- N.B:
1. All questions are compulsory.
 2. Figures to the right indicates marks.
 3. Draw neat diagram wherever necessary.

- Q.1** **A** What is computer graphics? Explain its applications in detail? **07**
OR
A Write short note on key frame animation **07**
B Differentiate between Raster scan display and Random scan display. **08**
OR
B What do you mean by Morphing? Explain 3D morphing? **08**
C Attempt any one of the following **05**
1 Write short note on CRT.
2 Write short note on Coordinate system.
- Q.2** **A** What is multimedia? Explain applications of multimedia? **07**
OR
A What is multimedia database? Explain three classes of data types. **07**
B Explain the construction and working of scanner? **08**
OR
B What is analog representation of signal? What are its advantages and disadvantages? **08**
C Attempt any one of the following **05**
1 Write short note on Wave.
2 Write short note on Bit depth.
- Q.3** **A** Define M-commerce and state the infrastructure for M-commerce. **07**
OR
A Explain applications of M-commerce. **07**
B What is M-commerce service explain its advantage and disadvantage. **08**
OR
B Distinguish between e-commerce and M-commerce. **08**
C Attempt any one of the following. **05**
1 Digital purchase.
2 Mobile advertising.
- Q.4** Attempt any three of the following : **15**
A Explain the term
1) Image 2) Object
B Write short note on input technology.
C What is Image? Explain its Formats.
D Explain types of text.
E What do you know about e-commerce?
F Write short note on Mobile Banking.