

**BACHELOR OF COMPUTER APPLICATIONS
(BCA) (Pre-Revised)**

Term-End Examination

00851

June, 2017

CS-66 : MULTIMEDIA

Time : 2 hours

Maximum Marks : 60

Note : *Question number 1 is compulsory. Attempt any three questions from the rest.*

1. (a) With the help of an illustration for an Online Entertainment Company (which produces real time shows, dance programmes, serials, etc.), explain the planning and design, production and distribution of a small “multimedia promo” for that company. 10
- (b) Write the latest hardware and software requirements for a multimedia computer for home-use. 5
- (c) What type of applications development are best suited using ImageQ software, and why ? Give two examples of such applications. 5
- (d) Explain how multimedia can be used for business communication and for presentation purposes. 5
- (e) Briefly explain any five application areas of multimedia. 5

2. Propose and design a multimedia-based e-commerce website which offers various categories of products for sale online. Prepare a logic flow chart and storyboard template for this. 10
3. (a) Define Morphing . How and where can it be used ? Give an example. 5
- (b) Differentiate between Animation and Simulation. Write the names of any two software packages used for Animation. 5
4. (a) Describe the important features of Macromedia Director. Also, mention what kind of applications can be designed using this software. Give examples. 5
- (b) Explain the role of 'Compressors' and 'Timing mechanism' of Quick Time software in designing multimedia applications. 5
5. Write short notes on the following : $4 \times 2 \frac{1}{2} = 10$
- (a) Cardiac Tutor
- (b) Video Conferencing
- (c) Video Linguist
- (d) Knowledge-based Simulations
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