QB365 Student Learing Managemnet System
Exam Name: Multimedia - Practice
Std: 12th Standard - Computer Applications
Chapter: Multimedia

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Answers Key:

5 Marks

1. **1. Production Manager:**
   (i) In a multimedia production, the role of production manager is to define, and coordinate, the production of the multimedia project in time and with full quality.
   (ii) The production manager should be an expertise in the technology, good at proposal writing,good communication skills and budget management skills.
   2. Content Specialist:
   (i) Content specialist is responsible for performing all research activities concerned with the proposed application's content.
   (ii) Program content refers to projects information, graphics, data or facts presented through the multimedia production.
   3. Script Writer:
   (i) Video and film scripts represents a linear sequence of events.
   (ii) The script writer visualizes the concepts in three dimensional environment and if needed uses the virtual reality integration into the program.
   4. Text Editor:
   (i) The content of a multimedia production always must flow logically and the text should always be structured and correct grammatically.
   (ii) Text and narration is an integrated part of the application.
   5. Multimedia Architect:
   The multimedia architect integrates all the multimedia building blocks like graphics, text, audio, music, video, photos and animation by using an authoring software.
   6. Audio and Video Specialist:
   (i) The roles of these specialists are needed for dealing with narration and digitized videos to be added in a multimedia presentation.
   (ii) They are responsible for recording, editing sound effects and digitizing
2. **TIFF (Tagged Image File Format):**
   (i) This format is common in desktop publishing world (high quality output), and is supported by almost all software packages.
   (ii) Recent versions of TIFF allows image compression, and the format is comfortable for moving large files between computers.
   GIF (Graphics Interchange Format):
   (i) GIF is a compressed image format. Most of the computer color images and backgrounds are GIF files.
   (ii) This file format is best suitable for graphics that uses only limited colors, and it is the most popular format used for online color photos.
   (iii) 8-bit Color look up table is used by the GIF format to identify its color values. This format is supported widely.
   JPEG (Joint Photographic Experts Group):
   (i) JPEG is a commonly used method of lossy compression for digital images.
   (ii) The degree of compression can be adjusted and it works good with photographs, naturalistic artwork, and similar material but functions less on lettering, live drawings or simple cartoons.
   TGA (Tagra):
   It is the first popular format for high-resolution images. TGA files are common in animation video industry.
   PNG (Portable Network Graphics):
   (i) PNG is an extensible file format for the less loss, portable and well compressed storage of raster images.
   (ii) PNG acts as replacement for GIF and also replaces multiple common uses of TIFF
   (iii) PNG works good with online viewing applications like worldwide web.
   (iv) So it is fully streameable with a best display option.

3 Marks

3. Image file formats are
   (i) TIFF - Tagged Image File Format
   (ii) BMP - Bitmap
   (iii) DIB - Device Independent Bitmap
   (iv) GIF - Graphic Interchange Format
   (v) JPEG - Joint Photographic Experts Group
   (vi) TGA - Tagra
   (vii) PNG - Portable Network Graphics
4. Video file formats are
   (i) AVI - Audio / Video Interleave.
   (i) MPEG - Moving Picture Experts Group

2 Marks

5. The word multimedia consists of two words "multi" and "media". Multimedia is a computer based presentation technique that incorporates text, images, sound, video and animation.
6. Animation is the process of displaying still images so quickly so that they give the impression of continuous movement. In animation the screen object is a vector image.

Multiple Choice Question

7. (b) 2
8. (a) Multimedia

9. (b) a type of image made up of geometric shapes
10. (b) Microsoft
11. (a) Joint Photographic Experts Group
12. (a) MP3
13. (d) Audio Interchange File Format
14. (a) Moving Picture Experts Group
15. (d) Animation
16. c)Apple Inc

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