

**SECOND SEMESTER B.VOC. (PROGRAMME) EXAMINATION  
MAY 2018****Multimedia****SDC 2MM 05—MULTIMEDIA TOOLS AND TECHNIQUES**

Time : Three Hours

Maximum : 80 Marks

**Section A***Very Short Answer Questions.**Answer **all** questions.**Each question carries 1 mark.*

1. A family of graphics characters that usually includes many type size and style is called a :
  - (a) Typeface.
  - (b) Font.
  - (c) Point.
  - (d) Link.
2. Which tool should you use to modify the shape of a path within a Live Paint group ?
  - (a) Selection tool.
  - (b) Direct Selection tool.
  - (c) Live Paint Bucket tool.
  - (d) Live Paint Selection tool.
3. Which palette allows you to check what areas of your artwork are affected by transparency ?
  - (a) Transparency palette.
  - (b) Document Info palette.
  - (c) Graphic Styles palette.
  - (d) Flattener Preview palette.
4. Which file format supports partial opacity when exporting an Adobe Illustrator document ?
  - (a) GIF.
  - (b) PSD.
  - (c) PICT.
  - (d) JPEG.
5. What should you do to convert type into editable vector objects ?
  - (a) Select the type with the Type Tool, then choose Type > Create Outlines
  - (b) Select the type with the Type Tool, then choose Object > Live Paint > Make
  - (c) Select the type with the Selection Tool, then choose Object > Live Paint > Make
  - (d) Select the type with the Selection Tool, then choose Type > Create Outlines

Turn over

6. Which is only an advantage of Open Type fonts ?
- (a) They take advantage of Optical Kerning.
  - (b) They can be converted to outlines, then edited as paths.
  - (c) You can automatically apply ligatures if they are available.
  - (d) They are good for Web design because they are installed with most modern Web browser applications.
7. What is the difference between raster and vector graphics ?
- (a) Raster graphics use CMYK, while vector graphics use the RGB.
  - (b) Raster graphics are composed of pixels, while vector graphics are composed of path.
  - (c) Raster graphics are composed of swatches, while vector graphics are composed of arcs.
  - (d) Raster graphics can be exported, while vector graphics can only be saved.
8. You want to straighten, crop, and resample your image in one step. Which tool or command should you use ?
- (a) The Crop tool.
  - (b) The Ruler tool.
  - (c) Choose Image > Trim.
  - (d) Choose Image > Crop.
9. You are experimenting with different filter combinations. Which command should you choose to ensure that your filters are non-destructive ?
- (a) Filter > Filter Gallery.
  - (b) Select > Isolate Layers.
  - (c) Filter > Convert for Smart Filters.
  - (d) Image > Adjustments > Photo Filter.
10. You want to change the default Auto Leading percentage for type. What should you do ?
- (a) Choose Justification from the Character palette menu.
  - (b) Choose Justification from the Paragraph palette menu.
  - (c) Choose the percentage from the Leading menu of the Character palette.
  - (d) Choose the percentage from the Leading menu of the Paragraph palette.

(10 × 1 = 10 marks)

**Section B**

*Short Answer Questions.*  
*Answer any **eight** of the following.*  
*Each question carries 2 marks.*

11. Explain Additive and Subtractive Color Model ?
12. What are Bitmap Image ?
13. How to select an object and work with the Control panel in Adobe illustrator ?
14. Explain Artistic Filters.
15. How to Unlock Background ?
16. What is Embedded Objects ?
17. What features does Photoshop have that Photoshop Elements doesn't ?
18. How to use layers in Illustrator ?
19. What are two types of Masking in Photoshop ? Explain each one ?
20. How to use the File Browser rather than the Organizer ?
21. What's the difference between the Healing Brush and the Spot Healing Brush ?
22. Explain Text Wrap ?

(8 × 2 = 16 marks)

**Section C**

*Short Essay Questions.*  
*Answer any **six** of the following.*  
*Each question carries 4 marks.*

23. Explain Simple Audio Compression Methods.
24. Difference between Primary and Secondary Colors ?
25. Explain MPEG ?
26. Brief description about Vector image and Bitmap Image.
27. Discuss the fundamentals characteristic of sound ?
28. Explain Workspace of Illustrator ?
29. What are the basic steps of image processing ?
30. What is essential difference between graphics and images ?
31. Explain Audio features and applications ?

(6 × 4 = 24 marks)

Turn over

**Section D***Essay Questions.**Answer any **two** questions.**Each question carries 15 marks.*

32. Explain feature of multimedia.
33. How does the CMYK color model represent color information ? Why is it called Subtractive model ?
34. What is meant by compression and CODEC ?
35. Explain effects in Photoshop ?

(2 × 15 = 30 marks)