

**16****WRITTEN TEST****Test Booklet No.****ANIMATION AND MULTIMEDIA**

Name of Applicant ..... Answer Sheet No. ....

Application ID : ..... Signature of Applicant : .....

Date of Examination: ..... Signature of the Invigilator(s)

1. ....

Time of Examination : ..... 2. ....

**Duration : 1 Hour]****[Maximum Marks : 50****IMPORTANT INSTRUCTIONS**

- (i) The question paper is in the form of Test-Booklet containing **50 (Fifty)** questions. All questions are compulsory. Each question carries four answers marked (A), (B), (C) and (D), out of which only one is correct.
- (ii) On receipt of the Test-Booklet (Question Paper), the candidate should immediately check it and ensure that it contains all the pages, i.e., **50** questions. Discrepancy, if any, should be reported by the candidate to the invigilator immediately after receiving the Test-Booklet.
- (iii) A separate Answer-Sheet is provided with the Test-Booklet/Question Paper. On this sheet there are **50** rows containing four circles each. One row pertains to one question.
- (iv) The candidate should write his/her Application number at the places provided on the cover page of the Test-Booklet/Question Paper and on the Answer-Sheet and **NOWHERE ELSE**.
- (v) No second Test-Booklet/Question Paper and Answer-Sheet will be given to a candidate. The candidates are advised to be careful in handling it and writing the answer on the Answer-Sheet.
- (vi) For every correct answer of the question **One (1) mark will be awarded**. For every unattempted question, Zero (0) mark shall be awarded. **There is no Negative Marking**.
- (vii) Marking shall be done only on the basis of answers responded on the Answer-Sheet.
- (viii) To mark the answer on the Answer-Sheet, candidate should **darken** the appropriate circle in the row of each question with Blue or Black pen.
- (ix) For each question only **one** circle should be **darkened** as a mark of the answer adopted by the candidate. If more than one circle for the question are found darkened or with one black circle any other circle carries any mark, the question will be treated as cancelled.
- (x) The candidates should not remove any paper from the Test-Booklet/Question Paper. Attempting to remove any paper shall be liable to be punished for use of unfair means.
- (xi) Rough work may be done on the blank space provided in the Test-Booklet/Question Paper only.
- (xii) *Mobile phones (even in Switch-off mode) and such other communication/programmable devices are not allowed inside the examination hall.*
- (xiii) No candidate shall be permitted to leave the examination hall before the expiry of the time.

**DO NOT OPEN THIS QUESTION BOOKLET UNTIL ASKED TO DO SO.**



1. Who wrote the book "Words and Lines"?

- (A) F.N. Souza
- (B) Trilok Kaul
- (C) S.H. Raza
- (D) G.R. Santosh

2. Who suggested "Fourth Dimension" in painting?

- (A) Henri Robert
- (B) Kandinsky
- (C) Kupka
- (D) Larionov

3. Glyptic mode of rendering form is associated with :

- (A) Welding
- (B) Carving
- (C) Modelling
- (D) Casting

4. Match the following :

- | List-I                       | List-II              |
|------------------------------|----------------------|
| (a) The Prehistoric Painting | (i) Stella Kramrisch |
| (b) The Prehistoric India    | (ii) A.H. Brandric   |
| (c) The Story of Art         | (iii) Stuart Piggott |
| (d) The Art of India         | (iv) G.H.Gombrich    |

Code :

- |           |       |       |       |
|-----------|-------|-------|-------|
| (a)       | (b)   | (c)   | (d)   |
| (A) (ii)  | (iv)  | (i)   | (iii) |
| (B) (iv)  | (iii) | (ii)  | (i)   |
| (C) (iv)  | (i)   | (iii) | (ii)  |
| (D) (iii) | (iv)  | (ii)  | (i)   |

5. What method of animation creates the in-between frames when you create the start and end points of the animation?

- (A) Motion
- (B) Classic
- (C) Shape
- (D) Tweening

6. What is the name of popular software used for creating 2D animation for use in web pages?

- (A) Corel draw
- (B) Flash
- (C) Banner creator
- (D) Maya

7. The curve that determine the poses of the character.
- (A) Arc in animation  
(B) Multimedia  
(C) Biped  
(D) Spline
8. What are the 4 default viewports in 3D Max?
- (A) Left, Right, Top, Bottom  
(B) Left, Top, Front, Perspective  
(C) Birds-eye, Left, Front, Back  
(D) Perspective, Right, Front, Over
9. The imported files get stored in \_\_\_\_\_.
- (A) The File Area.  
(B) The Clip Bin.  
(C) The Repository.  
(D) The Project.
10. The action that follows the main action; actions do not stop at the same time.
- (A) Follow Through and Overlap  
(B) Arcs  
(C) Solid Drawing  
(D) Secondary Actions
11. \_\_\_\_\_ tool is useful for extending and shortening Clips in the timeline.
- (A) Slip.  
(B) Slide.  
(C) Ripple.  
(D) Roll.
12. The aspect ratio of 35 mm film video exporting is\_\_\_\_\_.
- (A) 1.316:1  
(B) 1.613:1.  
(C) 1.213:1.  
(D) 1:1.316.
13. Identify the organization which uses the given logo.



- (A) National Skill Development Corporation  
(B) Infrastructure Leasing & Financial Services  
(C) Indian Institute of Entrepreneurship  
(D) Indian Institute of Packaging

14. The period of European history that lasted from the 14th to the 17th century is known as what?
- (A) Renaissance
  - (B) Industrial revolution
  - (C) Dadaism
  - (D) None of these
15. Creating Websites is called?
- (A) HTML creating.
  - (B) Web authoring.
  - (C) Storyboard designing.
  - (D) Web mapping.
16. Which of the following isn't a shared video storage system?
- (A) Avid's Unity.
  - (B) Apple's Xserve.
  - (C) Discreet's Flame.
  - (D) Grass Valley's Profile.
17. The 'colour wheel' as an organization of colours was first introduced in 1666, by
- (A) Isaac Newton.
  - (B) Leonardo da Vinci.
  - (C) Johann Wolfgang Von Goethe.
  - (D) Michel Eugène Chevreul.
18. The painting 'Guernica', painted by a Spanish artist, depicts the horror of war and is considered as an anti-war symbol. The name of the artist is
- (A) Velazquez
  - (B) Salvador Dali
  - (C) Goya
  - (D) Pablo Picasso
19. Monochromatic colors are tint and shades of \_\_\_\_\_ color.
- (A) one
  - (B) two
  - (C) three
  - (D) five
20. This action adds to and enriches the main action and adds more dimension to the character animation, supplementing and/or re-enforcing the main action.
- (A) Secondary Actions
  - (B) Squash and Stretch
  - (C) Appeal
  - (D) Anticipation

- 21.** Which f-stop has a longer depth of field?
- (A) F22
  - (B) F16
  - (C) F8
  - (D) F2
- 22.** What is the name of the integrating multimedia software that integrates multimedia elements to create a multimedia project?
- (A) Scripting tools.
  - (B) Authoring tools.
  - (C) Writing tools.
  - (D) Porting tools.
- 23.** The frame rate of NTSC video is \_\_\_\_\_.
- (A) 28 fps.
  - (B) 29.97 fps.
  - (C) 29.88 fps
  - (D) 29.94 fps.
- 24.** The type of graphics uses math formulas to draw animation shapes.
- (A) Raster graphic
  - (B) Vector graphic
  - (C) Pixel graphic
  - (D) Shape graphic
- 25.** Footage is downloaded from the cameras onto laptops using \_\_\_\_\_.
- (A) A modem.
  - (B) Streaming technology
  - (C) Firewire.
  - (D) USB
- 26.** The publisher newsletter template produces \_\_\_\_\_ pages of stories, graphics, and other objects.
- (A) Five
  - (B) Six
  - (C) Seven
  - (D) Four

27. Which of these modes only consists of lines, edges, and curves?
- (A) Texture
  - (B) Shading
  - (C) Wireframe
  - (D) Sculpt
28. Which of the following is NOT a serif typeface?
- (A) Bodoni
  - (B) Times New Roman
  - (C) Helvetica
  - (D) Georgia
29. What pixel density should one use for web layouts?
- (A) 300 ppi
  - (B) 72 ppi
  - (C) 120 ppi
  - (D) 266 ppi
30. The area of a printed sheet containing file information that is designed to be cut off in the binding process is called the
- (A) Slug
  - (B) Color Key
  - (C) Bleed
  - (D) Registration
31. What is a template sketch called in web design?
- (A) Page Sketch
  - (B) Site Map
  - (C) Thumbnail
  - (D) Wireframe
32. Repetition in artwork is
- (A) using an element over and over again
  - (B) A sense of motion in an artwork
  - (C) Creating movement throughout an artwork
  - (D) The distribution of elements in an artwork

- 33.** Which of these is the most common type of animation used today?
- (A) traditional (cel) animation
  - (B) 2D animation
  - (C) computer animation
  - (D) motion graphics
- 34.** Two-point perspective is also known as?
- (A) Regular perspective
  - (B) Two-view perspective
  - (C) Parallel perspective
  - (D) Angular perspective
- 35.** Which of these is not an element of art?
- (A) Texture
  - (B) Line
  - (C) Balance
  - (D) Color
- 36.** An object seems to come towards the viewer is usually known as?
- (A) Foreshortening
  - (B) Zooming
  - (C) Charging
  - (D) Close up
- 37.** Which element of art refers to the distance or area between, around, or within things?
- (A) Emphasis
  - (B) Texture
  - (C) Contrast
  - (D) Space
- 38.** Forms are three dimensional. They have height, width, and thickness. Some common forms are
- (A) Cylinders, cubes, spheres and cones
  - (B) Circles, squares, rectangles and triangles
  - (C) Difficult to draw
  - (D) Use for completing paper work
- 39.** Formal balance is another word for which type of balance?
- (A) Asymmetrical
  - (B) Radial
  - (C) Symmetrical
  - (D) Geometric

40. A plan for selecting colors for a composition is also known as a \_\_\_\_\_?
- (A) Color spectrum
  - (B) Color Scheme
  - (C) Color Wheel
  - (D) Color Mix
41. A path made by a moving point?
- (A) Shape
  - (B) Space
  - (C) Texture
  - (D) Line
42. Artists use emphasis to make certain parts of their work stand out and grab your attention. The center of interest or \_\_\_\_\_ is the place the artist draws your eye to first?
- (A) Attention point
  - (B) Focal point
  - (C) Point of interest
  - (D) All of the above
43. What does 2D mean?
- (A) Two differences
  - (B) Two drawings
  - (C) All of these
  - (D) Two dimensional
44. What does FPS stand for?
- (A) Frames Per Scene
  - (B) Frame Professional Standards
  - (C) Frames Per Second
  - (D) Frame Professional Scenes
45. Which term best describes the brightness of a photograph?
- (A) Depth of field
  - (B) Focus
  - (C) Aperture
  - (D) Exposure
46. Both AF and MF affect what part of the photo?
- (A) Depth of field
  - (B) The sharpness of the subject
  - (C) Exposure
  - (D) Light balance

- 47.** In 3D terminology, what is the collection of vertices, edges, and faces that describe the shape of a 3D object called?
- (A) Mesh
  - (B) Slate
  - (C) Material
  - (D) Mix
- 48.** Which type of polygons are best to use for soft deformation?
- (A) Tris
  - (B) Nurbs
  - (C) N-gons
  - (D) Quads
- 49.** What is texture baking?
- (A) Applying a "bake deformer", that expands the mesh.
  - (B) Rendering an animation.
  - (C) Projecting details down from the High polygon model, onto a texture that can be applied to the Low-polygon model.
  - (D) None of the above
- 50.** When formatting your model for 3D printing, which of these increases with more mass?
- (A) Time of production
  - (B) All of these
  - (C) Cost of model
  - (D) Printing time

## ROUGH WORK

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