

BACHELOR OF ARTS IN 3D ANIMATION AND VISUAL EFFECTS**Term-End Theory****June, 2012****00591****BNM-002 : CASE STUDIES***Time : 3 Hours**Maximum Marks : 100
(Weightage 100%)*

Note : Attempt ALL questions.

The following section has objective questions. Please tick the right answers. Each question carries 2 marks.

1. Which node shows the particles in the view
 - (a) pEmitter
 - (b) pRender
 - (c) pCustom

2. _____ node creates a random change in the position value on the timeline.
 - (a) Position
 - (b) Camera shake
 - (c) Scale

3. Text node has inbuilt drop shadow option.
 - (a) True
 - (b) False

4. Which filter is not in the blur node ?
 - (a) Box
 - (b) Gaussian
 - (c) Chartlett

5. Saver nodes can render audio files as well to disk.
 - (a) True
 - (b) False

6. In PFTrack user feature what is R+ ?
 - (a) Remove from this frame and forward
 - (b) Apply from this frame and forward
 - (c) Reserve the frame and forward

7. Which option does not create a camera in PFTrack ?
 - (a) Auto Track
 - (b) Solve Camera
 - (c) Track and Solve

8. There is no option for Deinterlacing a footage in PFTrack.
 - (a) True
 - (b) False
 - (c) Depends on the extension of the footage

9. Which of the following is false ?
 - (a) In nodal pan the camera position is fixed.
 - (b) In nodal pan the camera rotates horizontally and vertically.
 - (c) In nodal pan the camera pans in the shot.

10. In camera Parameters of PFTrack the Focal Length should be set to variable if :
 - (a) There is a zoom in the shot.
 - (b) There is a pan in the shot.
 - (c) The camera is at lower angle.

11. The horizon line option in PFTrack can be enabled only for exterior shots.
 - (a) True
 - (b) False

12. To create gravity in particles which node is applied.
 - (a) pBounce
 - (b) pDirectional Force
 - (c) pFriction

13. Resize node is used to :
- (a) Change the size of an image
 - (b) Change the resolution of an image
 - (c) Change the color space of the image
14. Which of them does not displace the pixels from their position ?
- (a) Displace
 - (b) Grid Warp
 - (c) Directional Blur
15. The extension of a PFTrack file is _____
- (a) .pft
 - (b) .ptp
 - (c) .pfr

Answer the below questions in brief (min 15 lines), each question carries 10 marks.

1. Which colors are used for Chroma and why ?
2. What is the difference between Brightness and Contrast ? Give proper examples for each.
3. What is the use of Survey data ? Explain. Give relevant example.
4. Explain the process of geometry tracking in PFTrack.

Answer the below Question with a detailed diagram/Flow chart. Each question carries 30 marks. Attempt any 1 question.

1. Describe in detail the Production pipeline of a VFX film.
2. Explain a Case Study of any 1 VFX shot from the below films
 - (a) Avataar.
 - (b) Lord of the Rings
 - (c) Robot (staring Rajnikant)