END SEMESTER EXAMINATION, NOVEMBER 2018

Semester - 3rd

Subject Code : AMT-301

MULTIMEDIA SYSTEMS AND TECHNOLOGY

Full Marks-70

Time - Three hours

The figures in the margin indicate full marks for the questions.

Illustrate your answers with suitable sketches and examples wherever necessary

PART - A

Marks - 25

All questions are compulsory.

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- **a** Windows 10 is 22 software.
- 9 A signal is any kind of physical quantity that conveys

		40	L. William				
9	€	3	(9)	3	0	9	<u>©</u>
Unauthorized usage of copyrighted material is called copyright ———.	Proof of Concept is also known as	Head Mounted Displays are used in	An application software which is used for accessing websites is called	The process of building a single frame from two fields is called ———.	Sound whose frequency is below 20 Hz is called	Alpha Channel containsinformation.	Apart from letters, alphabets and symbols, icons are also considered as in multimedia.
3. Choo	9	.				(b)	(c) AI
	Unauthorized usage of copyrighted material is called copyright ———.	Proof of Concept is also known as (j) Unauthorized usage of copyrighted material is called copyright	Head Mounted Displays are used in Proof of Concept is also known as Unauthorized usage of copyrighted material is called copyright (i) 3. Cho	An application software which is used for accessing websites is called (h) Head Mounted Displays are used in (i) Proof of Concept is also known as (j) Unauthorized usage of copyrighted material is called copyright 3. Cho	The process of building a single frame from two fields is called (g) An application software which is used for accessing websites is called (h) Head Mounted Displays are used in Proof of Concept is also known as (i) Unauthorized usage of copyrighted material is called copyright 3. Cho	Sound whose frequency is below 20 Hz is called	Alpha Channel contains (d) information. Sound whose frequency is below 20 Hz is called (e) The process of building a single frame from two fields is called (f) An application software which is used for accessing websites is called (h) Head Mounted Displays are used in (i) Proof of Concept is also known as (j) Unauthorized usage of copyrighted material is called copyright (a)

- (c) All icons are symbols but all symbols are not icons.
- (d) A 24-bit image is also known as a true color image.
- (e) MIDI can generate speech.
- (f) All current television broadcasting system are analog in nature.
- (g) The reach of a PAN is 100 metres.
- (h) Adobe Flash is a Card or Page-based Authoring Tool.
- (i) Major bugs are fixed during Alpha Testing.
- (j) When a project is close to being finished, its status can be called as gold.
- Choose the correct answer:

1×5=5

- Which among the following is not a multimedia component?
- (i) Graphics
- (ii) Workstations

- (iii) RAM
- (iv) MS Word

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(3)

(ii) FTP (iv) HTML	(i) Unicode (ii) ASCII	(e) Web pages are coded using?	(ii) PNG (iv) TIFF	(i) GIF (ii) BMP	(d) Which amongst the following digital image formats doesn't support Alpha Channel?	(iii) CMYK (iv) HSB	(i) RGB (ii) YUV	television broadcasts?	(c) Which Colour Model is used by analog	(iii) Ctrl+M (iv) Ctrl+E	(i) Ctd+T (ii) Ctd+D	(b) What is the shortcut key combination to merge layers in Adobe Photoshop?
(b) De a d	SOU	7. (a) WI	(c) Wh	Ch	image 6. (a) Ex el? (b) Wh	(c) Wri	(b) Wh	5. (a) Wh	analog (b) Di	4. (a) W	* 13	tion to

hy do we need multimedia? Answer any five questions.

- agrams. escribe Analog and Digital Signals with 2+2+1=5
- at is the ASCII Character set?
- at is the Extended Character set?
- te a brief note on Unicode.
- plain anti-aliasing using diagrams.
- annel? at are the benefits of using an Alpha
- at are warm colours and cool colours?
- ind? Describe them briefly. nat are the characteristics of musical
- scribe the composition of a MIDI file with lagram.

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(5)

- Describe the different types of Television broadcast standards
- with a diagram. Explain the different types of computer networks
- 10. (a) What are the different types of Authoring Tools? Explain briefly.
- (b) Describe the role of a Project Manager.

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