

ENTRANCE EXAMINATION FOR ADMISSION, MAY 2012.

M.Sc. (ELECTRONIC MEDIA)

COURSE CODE : 387

Register Number :

*Signature of the Invigilator
(with date)*

COURSE CODE : 387

Time : 2 Hours

Max : 400 Marks

Instructions to Candidates :

1. Write your Register Number within the box provided on the top of this page and fill in the page 1 of the answer sheet using pen.
2. Do not write your name anywhere in this booklet or answer sheet. Violation of this entails disqualification.
3. Read each of the question carefully and shade the relevant answer (A) or (B) or (C) or (D) in the relevant box of the ANSWER SHEET using HB pencil.
4. Avoid blind guessing. A wrong answer will fetch you -1 mark and the correct answer will fetch 4 marks.
5. Do not write anything in the question paper. Use the white sheets attached at the end for rough works.
6. Do not open the question paper until the start signal is given.
7. Do not attempt to answer after stop signal is given. Any such attempt will disqualify your candidature.
8. On stop signal, keep the question paper and the answer sheet on your table and wait for the invigilator to collect them.
9. Use of Calculators, Tables, etc. are prohibited.

1. Which format is one of the most popular sound format on the Internet, and it is supported by all popular browsers?
 (A) SND (B) AIFF (C) WAVE (D) Real Audio
2. AIFF is
 (A) Audio Interface File Format
 (B) Audio/Video Interchange File Format
 (C) Audio Interchange Format File
 (D) Audio Interchange File Format
3. The AIFF was developed by
 (A) Microsoft (B) Apple (C) IBM (D) Intel
4. The audible range of human ear
 (A) 2Hz to 20Hz (B) 20Hz to 200Hz
 (C) 20Hz to 20000Hz (D) 200Hz to 2000Hz
5. Sound forge audio editing software is from
 (A) Adobe (B) Apple (C) Sony (D) Panasonic
6. The speed of sound is
 (A) 300 m/s (B) 432.2 m/s (C) 343.2 m/s (D) 400 m/s
7. RCA is
 (A) Radio Corporation of Africa (B) Radio Corporation of America
 (C) Radio Corporation of Australia (D) Radio Corporation of Austria
8. Frequency above the audible range is
 (A) Subsonic (B) Supersonic (C) Ultrasonic (D) Infrasonic
9. Frequency below the audible range is
 (A) Subsonic (B) Supersonic (C) Ultrasonic (D) Infrasonic
10. DAT
 (A) Digital Analog Tool (B) Digital Audio Tape
 (C) Digital Audic Tool (D) Digital Analog Tape

11. Which is India's first Colour film?
 (A) Kisan Kanya (B) Mother India (C) Taj Mahal (D) Alam Ara
12. Slumdog Millionaire's director Danny Boyle's next movie
 (A) Kings Speech (B) Fighter (C) 127 Hours (D) Inception
13. Inception was directed by
 (A) James Cameron (B) Ron Howard
 (C) Steven Soderbergh (D) Christopher Nolan
14. The documentary directed by an Hollywood Oliver Stone
 (A) North of Border (B) Born in to Brothels
 (C) South of Border (D) In the name of god
15. The Only actress to bag the filmfare award for the best villain is
 (A) Rekha (B) Kajol (C) Nadira (D) None of these
16. Which one is a film channel?
 (A) Star gold (B) Star plus (C) Start world (D) Start TV
17. Writer of 'Malgudi days', the novel based on a south Indian imaginary locale is
 (A) RK Lakshman (B) Ruskin Bond
 (C) RK Narayanan (D) None of these
18. Who is Daniel Redcliff?
 (A) News anchor
 (B) Central character of the film series of Harry potter
 (C) Novelist
 (D) Central character of the film series of Lord of Rings
19. Which one is a well known film critic?
 (A) Khalid Qureshi (B) Khalid Mohammad
 (C) Ashutosh Rana (D) Jaspal Rana
20. The film Dr. Babasaheb Ambedkar was directed by
 (A) Shyam Benegal (B) Govind Nihalani
 (C) Jabbar Patel (D) Girish Karnad

21. Blue Tooth is a device found in
(A) Cellular phone (B) Fax machine (C) Teleprinter (D) TV
22. Google is a
(A) search engine (B) a type of cricket ball
(C) an English newspaper (D) none of these
23. DTP
(A) Document Type Programming (B) Desktop Publishing
(C) Digital Transmission Protocol (D) Data Type Programming
24. In the cyber world RAM stands for
(A) Radio Audience Measurement (B) Random Access Memory
(C) Regional Audio Metre (D) Radio Active Metre
25. WAN stands for
(A) Wap Area Network (B) Wide Area Network
(C) Wide Array Net (D) Wireless Area Network
26. VGA is
(A) Video Graphics Array (B) Visual Graphics Array
(C) Volatile Graphics Array (D) Video Graphics Adapter
27. ASCII stands for
(A) American Stable Code for International Interchange
(B) American Standard Case for Institutional Interchange
(C) American Standard Code for Information Interchange
(D) American Standard Code for Interchange Information
28. An error in computer data is called
(A) Chip (B) Bug
(C) CPU (D) Storage device
29. The output quality of a printer is measured by
(A) Dot per cm (B) Dots per inch
(C) Dots printed per unit time (D) All of above

30. Personnel who design, program, operate and maintain computer equipment refers to
 (A) Console-operator (B) Programmer
 (C) Peopleware (D) System Analyst
31. Which of the following does not have any relevance to the post-production process?
 (A) Kerning (B) Rolling (C) Toddling (D) Crawling
32. Which of the following does not belong?
 (A) Cue (B) Pause (C) Shuttle (D) Prerole
33. Which of the following does not belong?
 (A) Cropping (B) Letterbox
 (C) Pillarbox (D) High definition
34. Which of the following does not belong?
 (A) SCSI (B) iLink (C) Firewire (D) IEEE 1394
35. Even though editing is performed on a computer, video sequences should be checked on a television screen or monitor because
 (A) The computer screen represents colours with a different hue and larger colour space than a television screen
 (B) Television screens use interlaced scanning which means that high contrast fine lines may flicker
 (C) You should check what your image will look like with the outer edges (the non-title-safe region) missing
 (D) All of the above
36. If the audio levels for your editing sequence are too high, then
 (A) The sound will interfere with the video
 (B) Any loud sounds will clip, and this will distort the audio
 (C) The background noise will be louder than the voices
 (D) All of the above
37. If a videotape contains more than one video frame with the same timecode value, then
 (A) It's a really, really big videotape that records more than 24 hours of footage
 (B) Batch capturing may result in the wrong footage being acquired
 (C) There is at least one timecode break on the tape
 (D) Any of the above could be true

38. Why might you want to export a reference movie rather than a standalone movie?
- (A) The reference movie will save handles for later editing
 (B) It simply references the existing media and render files
 (C) The reference movie will create a complete version of your video sequence as a self-contained file
 (D) The reference movie will allow you to save disk space, as you can then delete media and render files
39. If you are making a video that is going to be put on a standard DVD, you should set the editing project's audio sampling rate to
- (A) 16kHz (B) 32kHz (C) 44.1kHz (D) 48kHz
40. If you are making a video that is going to be streamed on the internet, you should avoid using
- (A) chroma keys (B) crossfade or dissolve transitions
 (C) horizontal or diagonal wipes (D) cuts between scenes
41. Choose the correct spelling: (Questions 41-43)
- (A) Accommodate (B) Acommodate
 (C) Accomodate (D) Accomodate
42. (A) hygeinic (B) hygienic (C) hyginic (D) hiegynic
43. (A) harass (B) harrass (C) harras (D) harraas
44. Complete the sentence with the appropriate word/phrase. (Questions 44-47)
 The church bells were _____ loud and clear.
- (A) Peeled (B) Pealed (C) Pealing (D) Peeling
45. Mr. Kapoor's mother is _____ than his father.
- (A) older (B) elder (C) eldest (D) olderer
46. Nalini's height is
- (A) 5 feet 10 inches (B) 5 feets 10 inches
 (C) 5 feat 10 inch (D) 5 feet 10 inchies

47. Unprecedented means
 (A) occurring for the first time (B) unexpected
 (C) incessant (D) unrefined
48. Fill in the blanks using the correct form of the verb: (Questions 48-51)
 When I woke up, the sun
 (A) Had risen (B) Has risen (C) Had rose (D) Have rise
49. My father _____ working hard all his life.
 (A) Has been (B) Have been (C) Was (D) Had been
50. He _____ this building for the last ten years.
 (A) owned (B) owning (C) had owned (D) has owned
51. The teacher _____ the syllabus by the end of the year.
 (A) will have finished (B) will be finished
 (C) will had finished (D) will finish
52. Using language appropriately: (Questions 52-57)
 Although they are not rich, they always wear _____ clothes.
 (A) respectful (B) respective (C) respected (D) respectable
53. Anacondas _____ to a length of thirty feet. (What is missing?)
 (A) preposition (B) verb (C) noun (D) adjective
54. We are going _____
 (A) their (B) here (C) there (D) therein
55. The salt spray has gradually _____ the bridge.
 (A) spoilt (B) ravaged (C) demolished (D) eroded
56. The volcanic _____ was the cause of great devastation.
 (A) outburst (B) erosion (C) eruption (D) movement

57. The accident case was filed ————— the police station.
 (A) in (B) for (C) at (D) with
58. Select the word which is the closest in meaning to the word in bold:
 (Questions 58-61)
 The workers decided to **call off** their strike
 (A) start (B) abandon (C) postpone (D) demand
59. You must save money to **fall back** on it in old age
 (A) spend (B) depend (C) disperse (D) helpful
60. A committee was set up to **look into** the problem
 (A) control (B) manage (C) investigate (D) solve
61. The riots were **put down** by the local police
 (A) wielded (B) encouraged (C) crushed (D) assaulted
62. Choose the correct meaning of the following idioms and phrases. (Questions 62-65)
 No one likes to associate with those who always **blow their own trumpet**
 (A) do selfish things (B) talk endlessly
 (C) praise themselves (D) speak nonsense
63. He never **threw in the towel** and at last got over his problems
 (A) surrendered (B) succeeded (C) sympathised (D) got involved
64. Raghavan fought **tooth and nail** to save his company
 (A) with weapons (B) as best as he could
 (C) using unfair means (D) with strength and fury
65. Herculean task means
 (A) impossible task (B) difficult task (C) easy task (D) foolish task
66. Elaborate OCR in Typography
 (A) Optical Character Recognition (B) Operational Character Reaction
 (C) Optical Character Remark (D) Object Character Remark

67. Combining all fonts and typestyles of a given typeface; such as, italic and bold is called
- (A) Type family (B) Type face
(C) Font (D) Type Classification
68. Adjusting the spacing between specific letters is called
- (A) Tracking (B) Kerning (C) Units (D) Degrees
69. The space entirely closed within a letter (e.g P) is called a
- (A) Regular (B) Ligature (C) Counter (D) Figure
70. Display type is generally of what size
- (A) Only 16 pt. (B) 16 Pt and above
(C) Only 20 pt. (D) 14 Pt and below
71. Which is the colour mode that should not be used for print advertisement?
- (A) CMYK (B) RGB (C) Grayscale (D) Lab
72. _____ is the composition of text material by means of types.
- (A) Typesetting (B) Font setting
(C) Paper setting (D) Face setting
73. What is meant by Leading?
- (A) Space between characters
(B) Horizontal spacing between lines of type
(C) Space between words
(D) Vertical spacing between lines of type
74. What is the abbreviation for EPS?
- (A) Encapsulated Post Script (B) Encrypted Post Script
(C) Encrypted Picture Script (D) Encrypted Picture Sequence
75. Who is known as 'Father of Graphic Design'?
- (A) Pablo Picasso (B) Piet Mondrian (C) Henry Moore (D) M.F. Husain

76. Optical Illusion is otherwise known as
- (A) Visual Imagination (B) Visual illustration
(C) Visual Illusion (D) Optical vision
77. What is the phenomenon of the eye by which an afterimage is thought to persist for approximately one twenty-fifth of a second on the retina?
- (A) Perspective of vision (B) Persistence of vision
(C) Optical Illusion (D) Hallucination
78. Which one of the following is a variant of model animation which uses various techniques to create motion blur between frames of film, which is not present in traditional stop-motion?
- (A) Go motion (B) Slow motion (C) Up motion (D) Back motion
79. _____ uses non-drawn flat visual graphic material (photographs, newspaper clippings, magazines, etc.) which are sometimes manipulated frame-by-frame to create movement.
- (A) Web animation (B) Graphic animation
(C) Object animation (D) Model animation
80. Other name for Plasticine animation is
- (A) Sand Animation (B) Clay animation
(C) Metal Animation (D) Grey animation
81. What is the expansion of CCD?
- (A) Charged Coupe Device (B) Central Composite Design
(C) Charge Coupled Device (D) Closed Continuity Document
82. What are prime lenses?
- (A) Primary lens (B) Telephoto zoom lens
(C) Wide angle zoom lens (D) Single focal length lens
83. A Mega pixel is equal to
- (A) One big pixel (B) One thousand pixels
(C) One lakh pixels (D) One Million pixels

84. Which format is also referred as digital negative?
 (A) raw (B) jpeg (C) tiff (D) pdf
85. HDR in digital photography refers to
 (A) Hard disk recorder (B) High dynamic range
 (C) High data rate (D) Heavy duty record
86. Computer drawing program is called
 (A) Inkpad (B) Sketchpad (C) Notepad (D) Notebook
87. Early computer graphics were
 (A) Westar Graphics (B) Renders
 (C) Vector Graphics (D) Raster Graphics
88. _____ are mainly used in applications that were originally developed upon traditional printing and drawing technologies, such as typography, cartography, technical drawing, advertising, etc.
 (A) 2D computer graphics (B) 3D computer graphics
 (C) 4D computer graphics (D) 5D graphics
89. Which one the following is the use of geometrical primitives such as points, lines, curves, and shapes or polygon(s), which are all based on mathematical equations, to represent images in computer graphics?
 (A) Raster Graphics (B) Vector graphics
 (C) Illustrations (D) Pixels
90. Mobile phone games are mostly
 (A) Pixel Art (B) Rendering (C) Vector Art (D) Print art
91. The representation and manipulation of image data by a computer is known as
 (A) computer graphics (B) illustration
 (C) printmaking (D) magic
92. The word 'cyberspace' was coined by
 (A) Meyrowitz (B) Lazarsfeld (C) William Gibson (D) Negroponte
93. Crowdsourcing is an example of
 (A) Top-bottom communication (B) Bottom-up communication
 (C) Participatory communication (D) Non-participatory communication

94. Aamir Khan visiting different places in India as part of promoting his movie '3 Idiots' belongs to a form of
- (A) Augmented Reality (B) Virtual Reality
(C) Alternate Reality Game (D) Folk performance
95. The 'Language of New Media' is written by
- (A) Manuel Castells (B) George Landow
(C) Andrew Keen (D) Lev Manovich
96. The interplay between people and technology illustrates
- (A) Technological determinism (B) Structuration
(C) Social determinism (D) Interpersonal Communication
97. Facebook primarily facilitates
- (A) One-one interactivity (B) One-to-many interactivity
(C) Many-to-one interactivity (D) Many-to-many interactivity
98. Synchronous video conferencing through Skype is a typical example of
- (A) Push technology service (B) Pull technology service
(C) Push and Pull technology services (D) Partly push and partly pull service
99. A comprehensive analysis of social and economic dynamics of news production and consumption is situated in the framework of
- (A) Knowledge Economy (B) Information Economy
(C) Networked Economy (D) Political Economy
100. In the concept of *telepresence* the user interacts with
- (A) In an online simulated environment
(B) With a system generated avatar in remote location
(C) With another person asynchronously
(D) With a live real person synchronously