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 Audio 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) Accommodate
   (C) Accomodate   (D) Accommodate

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 feet 10 inches
   (C) 5 feat 10 inch   (D) 5 feet 10 inches
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) Lazersfeld (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

   ____________________________________________