DEPT – BMM

EXAM TYPE – REGULAR

 $\operatorname{SEM}-\operatorname{III}$

SAMPLE QUESTIONS

Subject: Computers & Multimedia

Q1. The typical size for a graphic design is measured in _____.

- (a) pica
- (b) pixels
- (c) points
- (d) inches

Q2. Drop shadow, inner glow and bevel are examples of _____ you need to use with text.

- (a) filters
- (b) blending options
- (c) image adjustments
- (d) layer modes

Q3. To delete a series of steps that have been used in a graphic design, you would

- need to use the _____ palette.
- (a) layer
- (b) action
- (c) history
- (d) path
- Q4. The tool allows you the magnify an area of the design for detail work.
- (a) zoom
- (b) filters
- (c) crop
- (d) eraser

Q5. Computer monitor works in which color space?

- (a) RGB
- (b) CMYK
- (c) RBG

(d) None

- Q6. Bitmap is sometimes referred as
- (a) JPEG
- (b) GIF
- (c) Raster
- (d) None

Q7. JPEG stands for?

- (a) Joint Photographic Experts Group
- (b) Joint Photographic Exports Group
- (c) Join Photographic Experts Group
- (d) Joint Photo Experts Group

Q8. In Corel Draw the ruler bar is not used for _____.

- a) Setting of margin
- b) dividing your work
- c) for book design
- d) mixing colors

Q9. In Corel Draw the shortcut to save your artwork design is _____.

- a) Ctrl + C
- b) Ctrl + S
- c) Ctrl + Z
- d) Ctrl + A

Q10. In Adobe InDesign the shortcut to select all of your text is?

- a) Ctrl + A
- b) Ctrl + S
- c) Ctrl + Shift + A
- d) Ctrl + T

Q11. The outline lines of a shape or image is called the _____

- a) Outline
- b) Fill
- c) Stroke
- d) Line

Q12. Premiere Pro project files have the file extension _____

a).ap

b).preproj

c).prem

d).prproj

Q13. ______ is the term for increasing or decreasing the size of an object.

- a) Leading
- b) Kerning
- c) Scaling
- d) Descending

Q14. Which one of these is NOT a way to import audio files?

- a) drag audio file into adobe audition
- b) double click the space bar
- c) go to the FILE menu then OPEN
- d) go to the FILE menu then IMPORT file

Q15. Which tool should you use to split a clip and create a cut point?

- a) Cut tool
- b) Razor tool
- c) Selection tool
- d) Track select tool

Q16. Which crossfade transition creates a smooth and gradual transition between audio clips?

- a) constant gain
- b) constant power
- c) exponential gain
- d) exponential fade
- Q17. Portrait and Landscape are_____
- a) Page Size
- b) Page Orientation
- c) Alignment
- d) Style

Q18. Bold, Italic, Regular as known as_____

- a) Font Style
- b) Font effects
- c) WordArt
- d) Text effects
- Q19. Which Adobe CC design software is primarily used for Page Layout?
- a) Photoshop
- b) InDesign
- c) Pagemaker
- d) Illustrator
- Q20. To publish your InDesign document as a PDF you must
- a) File and then Export
- b) File and then Open Adobe PDF
- c) File then Print
- d) File and the Save

Q21. How much of a video clip (a full-length movie), that is copyrighted, can you use for a school project?

- a) 30 seconds
- b) The whole thing
- c) 3 mins
- d) None of it

Q22. How do you create a project in Adobe Premiere Pro?

- a) By using the new project dialogue
- b) By using the timeline
- c) By using the fade out screen
- d) By using the close project dialogue

Q23. What is the timeline used for?

- a) Editing a sequence of movie clips and audio clips
- b) Recording movie and audio clips
- c) Importing movie clips
- d) Viewing movie clips

Q24. Define the Razor Tool.

a) Select this tool to shorten a clip in a Timeline by speeding up its playback, or to lengthen it by slowing it down.

- b) Select this tool to set or select keyframes, or to adjust connector lines in a Timeline.
- c) Select this tool to move the viewing area of a Timeline to the right or left.
- d) Select this tool to make one or more incisions in clips in a Timeline.

Q25. Which of the following is not a primary color?

- a) Blue
- b) Green
- c) Yellow
- d) Red

Q26. Times New Roman is an example from which font family?

- a) Script
- b) Serif
- c) Sans-Serif
- d) Symbols

Q27. A serif font

- a) is very fancy and hard to read.
- b) has small lines or "tails" at the beginning and end of the letters.
- c) does not have small lines or "tails."
- d) looks like cursive letters.

Q28. Serif fonts are best used for

- a) professional documents or publications like a resume or article.
- b) anything on a computer screen.
- c) old people.
- d) nothing, they are outdated.
- Q29. The latest versions of photoshop are bundled under what name?
- a) Creative Suite
- b) Photoshop X
- c) Pro Tools
- d) Creative Cloud

Q30. The tool that lets you select an area of an image and then paint with that area is called:

- a) Duplicate
- b) Copy
- c) Clone
- d) Patch

Q31. Screen, Multiply, Overlay are examples of _____

- a) Filters
- b) Blending Options
- c) Layer Modes
- d) Image Adjustments

Q32. What does PPI Stand for?

- a) Pages Per Illustration
- b) Pixels Per Inch
- c) Pixels Per Image
- d) Pixel Page Integration

Q33. _____ family of fonts are identified by extended projections at the ends of some letters

- a) Sans Serif
- b) Serif
- c) Decorative
- d) Calligraphy

Q34. A dotted line called a ______ is what surrounds a selected area.

- a) Magic Wand
- b) Grid
- c) Marquee
- d) Guide

Q35. Which of the following can you NOT do with Photoshop?

- a) Restore old photographs
- b) Create original artwork
- c) Create Flash movies
- d) Open TIFF files

Q36. What are the horizontal and vertical borders that are used to determine the size and position of objects in a drawing?

- a) Horizontal Line
- b) Vertical Line
- c) Tape Measure
- d) Ruler

Q37. Adobe InDesign is similar to Microsoft...

- a) Excel
- b) Powerpoint
- c) Publisher
- d) Word

Q38. A font like "Optima" or "Arial" is an example of _____

- a) Sans Serif
- b) Serif
- c) Decorative
- d) Monospace
- Q39. _____ is not a transition
- a) Fade
- b) Wipe
- c) Cut
- d) Jumb

Q40. What is the Resolution of a full HD video?

- a) 720 x 480
- b) 1440 x 1080
- c) 1920 x 1080
- d) 1280 x 720

Q41. What is the most popular aspect ratio of mainstream Televisions and Monitors

- a) 3:2
- b) 4:3
- c) 16:9
- d) 1:1

Q42. What is the source window used for in Adobe Premiere Pro?

- a) Setting in-points and out-points, then dragging the clips into the timeline
- b) Importing movie clips into the media browser
- c) Exporting movie clips out of the project
- d) Exporting the movie footage out of the project

Q43. What is the program window used for in Adobe Premiere Pro?

- a) It is used for viewing the final program material
- b) It is used for exporting the final program
- c) It is used for importing the footage
- d) It is used for recording the footage

Q44. What is the default aspect ratio used by Instagram Posts for audio and videos?

- a) 3:2
- b) 21:9
- c) 16:9
- d) 1:1

Q45. CorelDraw is a _____ based drawing Application Package

- a) Photo Paint
- b) Vector
- c) Scalar
- d) Bitmap

- Q46. _____ is used for selecting and deselecting objects in CORELDRAW
- a) Bezier Tool
- b) Shape Tool
- c) Pick Tool
- d) Freehand Tool

Q47. What is not a basic shape used in a vector drawing program?

- a) Bezier
- b) Rectangle
- c) Polygon
- d) Spiral

Q48. What is the default unit of measurement used in Adobe InDesign?

- a) Pica
- b) Inches
- c) Centimeters
- d) Pixels

Q49. What does the red plus sign at the end of the text box indicate?

- a) You have too little text
- b) You have too much text/ it is too big
- c) Your text has spelling errors
- d) Font has some error in it

Q50. In Corel Draw the shortcut to save your artwork design is _____.

- a) Ctrl + C
- b) Ctrl + S
- c) Ctrl + Z
- d) Ctrl + A

SUBJECT - CCPR

(CORPOATE COMMUNICATION AND PUBLIC RELATIONS)

Sample Questions

1 Corporate communication is not directly involved in_?

- a. Exchange of information between internal and external groups of an enterprise
- b. Communication management of a corporate house
- c. Building sales across nations
- d. Developing reputation of a firm

2 Corporate communication involves communication by a corporate organization to

- a. Employees & their spouses
- b. Banks & the share holders
- c. Media houses and Movie houses
- d. Local & LGBT community

3 Which of these is not a part of corporate communication?

- a. Reputation management
- b. Image management
- c. Communication to stake holders
- d. Is a short term strategic initiative

4 Which of the following is out of the scope of corporate communication

- a. Financial planning
- b. Dealing with controlled and uncontrolled media
- c. Proactive communication planning
- d. Counseling & advising senior executives

5 Corporate communication is a part of the _____function

- a. Human Resource
- b. Business Development
- c. Marketing
- d. Finance

6 ______ is the distinct insignia or logo of a corporation that is easily remembered by the public

- a. Brand Image
- b. Brand Identity
- c. Brand Equity
- d. Brand Name

7 The aspect of brand that remains constant for a long time and represents the crux of a brand is called

- a. Brand image
- b. Extended image

- c. Core Identity
- d. Extended Identity

8 The impression that the public has of an organization is called ______

- a. Brand Reputation
- b. Brand Impression
- c. Brand Identity
- d. Brand Image

9 Which of the following do not affect Corporate Image?

- a. Quality of correspondence
- b. Premises of the organization
- c. Style and outlook of website
- d. Number of competitors

10 Which of the following is not a result of poor corporate reputation?

- a. Share prices fall
- b. Increased concern of customers
- c. Poor employee morale
- d. Increased investment
- 11 PR person must refrain from _____
 - a. Telling all the truth during a situation
 - b. Giving factually correct data
 - c. Plagiarizing content
 - d. Following principles of good conduct
- 12 As per PRSA a PR person shall not
 - a. Strive for confidence
 - b. Uphold human dignity
 - c. Avoid misunderstanding
 - d. Manipulate public opinion

13 A written statement that wrongly accuses someone of an act and which is therefore against the law is called_____

- a. Reputation Management
- b. Slander
- c. Discrimination
- d. Libel

14 Rights given to the creators of literary, dramatic, musical and artistic work etc. is called

- a. Right to freedom of work
- b. Copyright Act
- c. Freedom of Expression
- d. Right to information

15 The request for procuring information from public authority must be addressed within____number of days

- a 15
- b 30
- c 45
- d 60

16 Which of the following information cannot be made public even if requested

- a. Information related to Government projects
- b. Trade secrets or Intellectual property
- c. Details of court case closed by law
- d. Details of application for license in government offices

17 Right to privacy does not involve matters such as

- a. Family relationships
- b. Child rearing
- c. Education
- d. Work records

18 The illegal act of duplicating of licensed or copyright material from the internet refers to

- a. Invasion of privacy
- b. Digital piracy
- c. Libel
- d. Defamation

19 What does Feedback process eliminate in communication ?

- a. Sender
- b. Misunderstanding
- c. Message
- d. Receiver

20 Who is included in list of internal audience of organization ?

a. Vendors

- b. Investors
- c. Customers
- d. Employees

21 Correspondence Business Envelopes, Company LetterHeads, PostCards, are type of products _____

- a. Stationery
- b. Grocery
- c. Domestic
- d. Paper Products

22 A good corporate reputation helps the company to follow all the rules and regulation laid by _____

- a. Police
- b. Army
- c. Trade Organization
- d. Government

23 _____ consist of customer service management, quality of products and services and media

- a. Internal image
- b. external image
- c. average image
- d. combined image

24 Ethical Values of any organisation create _____ in the public eye

- a. Responsibility
- b. Profitability
- c. Credibility
- d. Uprightness

25 In order to survive in the long run it is expected that business is carried on with _____ principles

- a. Ethical
- b. Profit motive
- c. Profit maximization
- d. Production

26 RTI was passed in _____ extends to all states, Union Territories of India expecting the J&K state

- a. 2005
- b. 2006
- c. 2007
- d. 2008

27 _____ may be "unlawful acts wherein the computer is either a tool or target or both".

- a. Cyber Crime
- b. Civil Crime
- c. Criminal Crime
- d. Defamation

28 The basic objective of ______ Act is to empower the citizens, promote transparency and accountability in the working of the Government, contain corruption, and make our democracy work for the people.

- a. Right to Information Act, 2005
- b. Copyright Act 1957
- c. Invasion of privacy
- d. Contempt of court

29 the Public Relations in India developed with the increase in:

- a. Industrialization
- b. Education
- c. Contemporaray art
- d. Demand

30 What signified the evolution and growth of PR in India?

- a. Surge of International players in the marKet
- b. Use of press
- c. Creating hoax message
- d. Use of electronic media
- 31 In which year was the Public Relations Society of India (PRSI) set up?
 - a. 1965
 - b. 1955
 - c. 1958
 - d. 2001

32 What approach has PR been using traditionally to gauge to extent of its reach?

- a. Measuring the amount of audience
- b. Measuring the amount of fame
- c. Measuring the amount of Media coverage M

- d. Ensuring the amount of income
- 33 Which of the following is a social obligation of PR
 - a. Building Community Relations
 - b. Spreading product reach
 - c. Increasing quality
 - d. Raising company's Reputation

34 Good quality PR ensures:

- a. Quality product
- b. Good services
- c. Increase in reach
- d. Seamless Communication

35 Which of the four PR models set out below (Grunig and Hunt) is used most by practitioners?

- a. Asymmetric
- b. Public information
- c. Symmetric
- d. Press agentry

36 _____ is a publication of the organization for internal circulation.

- a. Circular
- b. House Journal
- c. Letter
- d. Notice Board

37 _____ gives reporters everything they need to know to write a short news item.

- a. Press Kit
- b. News Kit
- c. Circular
- d. Press Release

38 One of the objectives of Publicity is

- a. Building Clientele
- b. Building relationships
- c. Creating social media

d. Building corporate image

39 Sponsorships with in-kind products are often cheaper than traditional

- a. advertising
- b. promotion
- c. marketing
- d. public relations

40 one often hears employees being referred to as the _____ of an organization.

- a. elements
- b. liabilities
- c. assets
- d. profitability

41 organization should conduct proper _____ programme for their new employee.

- a. training
- b. development
- c. growth
- d. appraisal

42 _____ reduces the cost associated with conflicts, misunderstandings, and mistakes.

- a. Effective communication
- b. Marketingcommunication
- c. Consistency
- d. Coordination

43 Main purpose of Crisis communication team is to protect _____ Identity

- a. brand
- b. product
- c. social
- d. class

44 Post Crisis phrase includes

- a. Prevention
- b. Mitigation
- c. Rehabilitation

- d. Development
- 45 What was the crisis Cadbury diary milk faced
 - a. Worm infestation product
 - b. Unpleasant taste
 - c. Unpleasant communication
 - d. war between employee and senior

46 Which of the following are not a characteristic of the new communication technology.

- a. Public and Private spheres of communication is vanishing
- b. It is never switched off
- c. The importance of Radio and TV in communication has diminished over time
- d. It is used in short burst and then switched off
- 47 The main advantage of technology in communication is
 - a. Prone to malfunction
 - b. Imporves business efficiency
 - c. It will replace humans at work
 - d. It does not cater to non-verbal communication
- 48 INTAN stands for
 - a. Indian National Television Audience Measurement
 - b. Indian National Telecommunication Audience Measurement
 - c. International New Media Technology Analysing Network
 - d. Indian National Television Analysis Market

49 _____ blogging is the practice of posting small pieces of digital content, which could be text, pictures, links, short videos, or other media -on the Internet

- a. Corporate
- b. Micro
- c. Collaborative
- d. Personal

50 What is the general purpose of posting a video blog routinely to YouTube?

- a. It allows the company to hard sell its products
- b. It allows the company to drive website traffic to its blog
- c. It can be used to disperse the company contact information
- d. It allows followers to create a personal connection with the employees of the company

SUBJECT : MEDIA STUDIES

- 1. Why do mass communication theories undergo frequent recasting?
- a. They are socio-cultural
- b. They are subjective
- c. They are objective
- d. They are dynamic
- 2. What describes systems in which government and media work in concert to ensure that media aid the development of a nation?
- a. Revolutionary concept
- b. Development concept
- c. Green movement
- d. Authoritarian concepts
- 3. Which theories are human constructions to understand the social world?
- a. All social theories
- b. All capitalist theories
- c. All political theories
- d. All scientific theories
- 4. What did Paul Lazarsfelds research efforts attempt to document?
 - a. Medias power during election campaigns
 - b. Medias power in capitalist societies
 - c. Media power in consumer decision making
 - d. Medias power in children's knowledge'
- 5. The Medium is the message' and the electronic media have transformed the world into a 'global village' are theories BY?
 - a. Jeffrey Cole
 - b. George Gerbner
 - c. Max McCombs
 - d. Marshall McLuhan
- 6. Which theory says that we use media only to meet personal needs, especially psychological needs?
 - a. Reception Analysis
 - b. Magic Bullet
 - c. Uses and Gratifications
 - d. Cognitive Dissonance
- 7. In two-step flow theory, media influence passes from _____ to opinion followers:
 - a. Opinion leaders
 - b. Powerful elites
 - c. Opinion makers

- d. Media Firms
- 8. Agenda-setting is a theory that argues that:
 - a. Media do not tell us what to think, but what to think about
 - b. Reality is a social construction
 - c. Cultures attribute meaning to symbols which then control behaviour
 - d. Media is influencing
- 9. What is one of the big differences between traditional media and social media?
 - a. Participatory production.
 - b. Social media reaches only a few people at a time.
 - c. The management structure of the companies.
 - d. Traditional media offers no way for audiences to communicate with media producers.

ownership means ownership of media assets by corporate houses

- 10. Which is the era of Limited effects Perspertive?
 - a. 1850 1940
 - b. 1940 1950
 - c. 1950 1960
 - d. 1960 1980
- 11.

aound the world

- a. Ethnic Media
- b. Diasporic Media
- c. Paid Media
- d. Transnational Media
- 12. McLuhan suggests that each medium is a(n) ______ of our senses
 - a. Reflection
 - b. Simulation
 - c. Extension
 - d. Diversion
- 13. _____ is a discipline and field of study that deals with the content, History and effects of various media; in particular, the mass media.
 - a. Media Studies
 - b. Media Effects
 - c. Media Knowledge
 - d. Media Literacy
- 14. Which is the era of mass society theory?
 - a. 1850 1940
 - b. 1940 1950
 - c. 1950 1960

- d. 1960 1980
- 15. According to Two_Step Flow theory the elite population can only be influenced by?
 - a. Elite Opinion Leaders
 - b. Poor Opinion Leaders
 - c. Cannot be influenced by anyone
 - d. Can be influenced by everyone
- 16. Who among the following is associated with Attitude Change Theory?
 - a. Carl Hovland
 - b. Noam Chomsky
 - c. Neil Gaiman
 - d. Edward S Herman
- 17. Carl Hovland employed which method to explain causality between variables?
 - a. Scientific
 - b. Experimental
 - c. Textual
 - d. Oral
- 18. A ______ effect is a phenomenon that relates to persuasion where a delayed increase of the effect of a message that is accompanied by a discounting cue.
 - a. Creeper
 - b. Solace
 - c. Slanting
 - d. Sleeper
- 19. Which among the following is NOT one of the 5 filters of Propaganda model
 - a. Ownership
 - b. Advertisers
 - c. Flak
 - d. Journalist
- 20. In which year was the book 'Manufacturing Consent' published?
 - a. 1988
 - b. 1947
 - c. 1857
 - d. 2020
- 21. Who provided this propaganda theory by defining 'who says what to whom in which channel with what effect'?
 - a. Noam Chomsky
 - b. Carl Hovland
 - c. Harold Lasswell
 - d. Edward S. Herman
- 22. Which kind /field of study is media studies?

- a. Interdependent
- b. Interdisciplinary
- c. Co related
- d. Intermediary
- 23. The ability to critically analyse media communication is termed
- a. Media Literature
- b. Media smartness
- c. Media literacy
- d. Media foresight
- 24. Which of these media encourages fake news?
- a. Internet
- b. Print
- c. Television
- d. Radio
- 25. The mass society theories regarded media's influence as
- a. Positive
- b. Negative
- c. Neutral
- d. Educative

26. Who among these is fled Nazi Germany to the US and started a systematic approach to the study of media?

- a. Paul Lazarsfeld
- b. Noam Chomsky
- c. Edward Hermann
- d. Carl Hovland
- 27. Gesellschaft refers to a society in which the prime interest for membership is
- a. Kindness
- b. Patriotism
- c. Self interest
- d. Education
- 28. Normative theories are also referred to as

- a. Theories of media
- b. Four aspects of media
- c. Four theories of the Press
- d. Four pillars of the Press
- 29. A normative theory defines
- a. The only way in which the media is controlled
- b. The way in which the media was controlled in the past
- c. The ideal way in which the media should be controlled
- d. The way in which investments should be made in the media

30. 'Media are free but they should accept obligations to serve the public good' is the concept behind

- a. Propaganda model
- b. Social responsibility theory
- c. Two step flow theory
- d. Descriptive theory

31. Political and economic development should precede ______ according to development theory

- a. Media freedom
- b. Media spending
- c. Media planning
- d. Media representation
- 32. Hypodermic needle theory is a
- a. Mass society theory
- b. Normative theory
- c. Limited effects theory
- d. Scientific perspectives theory
- 33. Edward Herman contributed to which of these theories?
- a. Agenda setting
- b. Propaganda model
- c. Uses and gratification
- d. TWO step flow

- 34. Which of these are parts of Noam Chomsky's views?
- a. Selective perception, military industrial complex, filters
- b. Paranoia, technocracy, picture in our heads
- c. Priming, framing, salience
- d. Surveillance, social interaction, validation
- 35. What are the five filters of the propaganda model?
- a. Flak, ideology, source, advertiser, ownership
- b. Education, advertiser, flak, stereotype, funding
- c. Opinion, ideology, advertiser, source, government
- d. Funding, survey, communism, owner, flak
- 36. Information, true or false, carefully designed to influence people is:
- a. Propaganda
- b. Preaching
- c. Publicity
- d. Publishing
- 37 Media's favouring of a particular point of view, person etc is referred to as :
- a. Bias
- b. Stereotype
- c. Representation
- d. Objectivity

38. A person who actively looks for and accesses information from media, processes and spreads it, is a

- a. Propagandist
- d. Advertiser
- c. Opinion follower
- d. Opinion leader
- 39. Opinion leaders and opinion followers are concepts of
- a. Normative theory
- b. Propaganda theory
- c. Two step flow theory
- d. Mass society theory

40. According to Carl Hovland , persuasion can be done better with:

- a. False information
- b. One sided information
- c. Half information
- d. Two sided information

41. Which of these are most likely to spread government propaganda?

- a. Private news channel
- b. State run media
- c. Internet
- d. Newspapers published by opposition parties.

- a. High culture
- b. Mass culture
- c. Culture industries
- d. Grand social theories

43. ______ are not only an addition to existing media, they are also new technologies and therefore do have a deterministic factor as well.

new media

- a. Traditional media
- b. Electronic media
- c. Sign language

44. Which school did Stuart Hall belong to?

- a. New York
- b. Cambridge
- c. Birmingham
- d. Toronto

45. Which of the following is time based media?

- a. Radio
- b. Television
- c. Manuscripts
- d. TV channels

46. What is pluralism?

- a. Co-existence
- b. Media bias
- c. Community differences
- d. Cultural identity

47. What can be called as bias free communication

- a. Include all the cultural identities
- b. Equality between gender
- c. Equality of communities
- d. Equality of religions
- 48. Which of the following is not an example of Media Conglomerate?
 - a. Disney
 - b. Sony Viacom
 - c. BMG
 - d. General Motor
- 49. Media hegemony refers to which of the following?
 - a. Media companies tend to control more and more of the Internet.
 - b. Media companies are owned by the ruling class, who propagate their worldviews to the general public.
 - c. The media environment accommodates a wide variety of different media types to match everyone's interests.
 - d. Media does not simply report on politics, but actually secretly controls politics.
- 50. What is a 'vlog'?
 - a. Video Log
 - b. Video Blog
 - c. Log of blog activity
 - d. Process of blogging

Motion Graphics and VFX

- 1. This light removes the darkness of shadows
- A. Blue light
- B. Key Light
- C. Back Light
- D. Fill Light
- 2. ----- refers to a group of characters, letters and numbers that share the same design
- A. Font
- B. Design
- C. Typeface
- D. Words
- 3. These popular cameras have bells and whistles to withstand extreme conditions
- A. DSLRs
- B. Zoom Compact Cameras
- C. Action Cameras
- D. Advanced Compact Cameras
- 4. Usually an unwanted light that has cinematographic benefits is
- A. Key Light
- B. Hard Light
- C. Soft Light
- D. Low Light

5. In these cameras, the light comes in through the lens and goes straight to the sensor DSLR

- A. Advance Compact
- B. Compact Mirrorless
- C. Compact Zoom
- D. Digi Cam
- 6. From source file to final output, the color adjustment process is split into how many parts?
- A. Two
- B. Four
- C. Three
- D. Eight
- 7. The onset visual effects technique is
- A. Special Effects
- B. Visual Effects
- C. GIFs
- D. Animation
- 8. Major panels on Adobe Premiere Pro are
- A. Timeline, Media Browser, Program Monitor
- B. Selection panel, program panel, color panel

- C. Timeline, selection panel and program monitor
- D. Media, selection and timeline
- 9. Just like human eyes have a pupil, in a camera, what is the pupil of your lens?
- A. Optical
- B. Aperture
- C. Viewfinder
- D. Zoom
- 10. Aperture can help giving _____ to your photos
- A. Dimension
- B. Focus
- C. Color
- D. Light
- 11. A photograph or a video is brightest, when _____
- A. Aperture of f2.8 is used
- B. Aperture f16 is used
- C. Aperture f8 is used
- D. Aperture f4 is used
- 12. This setting either blurs the motion or freezes the action
- A. Shutter Speed
- B. Aperture
- C. ISO
- D. Depth of Field
- 13. The button on the camera, which when pressed, triggers opening or closing of the shutter, is known as _____
- A. Click button
- B. Shutter button
- C. Aperture button
- D. Settings button
- 14. This light helps in separating your actor or subject from a darker background
- A. Key light
- B. Back light
- C. Fill light
- D. High key light
- 15. A cinematographic technique in which the camera stays fixed but rotates up and down on a vertical plane is _____
- A. Dolly shot
- B. Tilting
- C. Drone shot
- D. Pan shot
- 16. A keyframe once deleted can be brought back by ----
- A. Remaking one
- B. Undo option

- C. Restoring from trash
- D. Can't be restored

17. How to create a 3D effect in a video while editing in After Effects

- A. Use light or camera layers
- B. Reshoot the scene
- C. Go to option of 3D
- D. Not possible to give such an effect

18. Color stops and opacity stops area ----

- A. Color Gradients
- B. Color Effects
- C. Color layers
- D. Pure Colors
- 19. The more bits for each RGB channel (red, green, and blue), the more colors each pixel, in a frame or image, can represent.
- A. Correct
- B. Incorrect
- 20. _____ includes multiple layers that represent components such as video and audio footage items, animated text and vector graphics, still images, and lights.
- A. Masking
- B. Color Grading
- C. Composition
- D. Keyframing
- 21. After Effects is a digital motion graphics and compositing software published by
- A. Intel Corporation
- B. Dell
- C. Apple Inc.
- D. Adobe Systems
- 22. How can you easily switch to the Hand tool?
- A. Hold Control
- B. Hold Spacebar
- C. Hold Alt/Option
- D. Hold Shift

23. Which tool is used to create a freeform mask?

- A. The Bullnose Mask Tool
- B. Elipse Tool
- C. The Pen Tool
- D. Rectangle Tool

24. You can find the shutter speed to adjust motion blur in your.....

- A. Timeline Settings
- B. Composition Settings

- C. Keyboard Settings
- D. Motion Blur Preference
- 25. The Rove Across Time command does what to your animation?
- A. It evens out the length over time
- B. It evens out the speed over time
- C. It evens out the scale over time
- D. It evens out the position over time
- 26. Which kye use go forward 1 frame?
- A. Page Down or Command+Right Arrow
- B. Page Up or Command+Left Arrow
- C. Shift+Page Up or Command+Shift+Left Arrow
- D. Shift+Page Down or Command+Shift+Right Arrow
- 27. What type of grid are you toggling on and off to check the status of your keyable element
- A. Invisible
- B. See Through
- C. Opacity
- D. Transparency

28. A Null object is

- A. Rotoscope
- B. An Expression
- C. Invisible layer
- D. An Effect

29. The Pan Behind Tool adjusts.....

- A. Scale
- B. Pan
- C. Anchor Point
- D. Rotation
- 30. Process that is useful for creating slow motion, fast motion, freeze frame, or other retiming results. (After Effects)
- A. Time Fractioning
- B. Time Remapping
- C. Time Enabling
- D. Time Displacement
- 31. What is the keyboard shortcut to edit the composition settings?
- A. Cmd/Ctrl + K
- B. Cmd/Ctrl + T
- $C. \ Cmd/Ctrl + V$
- D. Cmd/Ctrl + V

32. Which is the correct definition of the term 'ease in'

- A. Value speeds up to point where keyframe is set
- B. Value slows down then speeds up to the point where keyframe is set

- C. Value speeds up then slows down to the point where keyframe is set
- D. Value slows down to the point where keyframe is set
- 33. Pressing caps lock will do what? (After Effects)
- A. Speed up your render time
- B. Save your footage
- C. Prevent after effects from updating your footage
- D. Disable refresh in your preview

34. In what year was After Effects acquired by Adobe Systems?

- A. 1991
- B. 1993
- C. 1994
- D. 2000

35. Under project settings, you can adjust the color depth. What's the maximum number of bits per channel (bpc) that After Effects will allow

- A. 64
- B. 32
- C. 16
- D. 8
- 36. When changing a layer's anchor point, you will need to use the Pan behind / Anchor Point Tool. What is the keyboard shortcut for this tool?
- A. A
- B. Y
- C. P
- D. V

37. What is the file extension of Adobe After Effects Projects?

- A. .aep
- B. .aft
- C. .atf
- D. .apt
- 38. If I wanted to adjust the anchor point of an object on the composition window I would use which tool?
- A. Selection Tool
- B. Pen Tool
- C. Pan Behind Tool
- D. Text Tool
- 39. What does NLE stand for?
- A. Not Linear Editing
- B. Non Linear Editing
- C. Neutrally Linear Editing
- D. Native Linear Editing

40. Which tool should you use to split a clip and create a cut point?

- A. Cut Tool
- B. Razor Tool

- C. Selection Tool
- D. Track Select Tool
- 41. Houses all of the tools that you will use to create your project
- A. Timeline
- B. Project Panel
- C. Tool Bar
- D. Effects Panel
- 42. I want to put an effect to make the change between video clips to smoothen . What effect folder has the type of effect I am looking for?
- A. Audio Transition
- B. Audio Effect
- C. Video Transition
- D. Video Effect

43. Which of these is not a video platform?

- A. YouTube
- B. Vimeo
- C. Daily Motion
- D. Drop Box

44. Keyboard Shortcut for 'Mark in' point

- A. K
- B. U
- C. I
- D. 6

45. Which Panel is used to colour correct

- A. Timeline
- B. Lumetri
- C. Process
- D. Source Monitor

46. Keyboard Shortcut for 'render effects in work area'

- A. Space bar
- B. Enter Key
- C. Backspace Key
- D. Esc Key
- 47. Keyboard Shortcut for 'Clear' Selected footage
- A. Delete Key
- B. Backspace Key
- C. Enter Key
- D. F6 Key

48. Keyboard Shortcut for 'Mark Out' point

- A. G
- B. 5
- C. 0

D. S

- 49. Whats the first thing you do to build your edit?
- A. Import Footage
- B. Render
- C. Add a Keyframe
- D. Export

50. Which of this is a compression Software?

- A. CompressorB. Final Cut Pro
- C. Photoshop
- D. Pinnacle

SUBJECT: FILM COMMUNICATION 1

- 1. What is the name of the first peephole moving picture device?
 - o Kinetoscope
 - \circ Television
 - o DSLR
 - o Cinematograph

2. Which was the first silent swadeshi film of India?

- o Alam Ara
- o Pundalik
- Raja Harishchandra
- Kaliya mardan

3. Who invented the Cinematograph in 1895?

- o Thomas Edison
- Lumiere Bros.
- o Edward S. Porter
- Georges Melies
- 4. Who was the Polish writer and filmmaker among those who identified the mode of documentary film?
 - o Drega Vertov
 - Vladimir Nabakov
 - o Gheorghe Marinescu
 - o Bolesław Matuszewski
- 5. The shot taken from above a subject creating a sense for looking down upon is known as
 - Low Angle
 - High Angle
 - Over the shoulder
 - o Dutch Angle

6. How many types of film musics are there?

- o 2
- o 3
- o 4
- o 5
- 7. One of the films editing techniques where the sequence is edited in small shots giving pace to the sequence is known as
 - Mise-en-scène.
 - o Montage
 - Post- Production
 - Cinematography
- 8. Camera acts as a passive recorder to whatever takes place in front of it.
 - o Objective

II

- o Subjective
- Tracking
- o POV

9. Sound recorded simultaneously while filming is known as

- Diegetic sound
- Live Sound
- Sync Sound
- Non-diegetic sound

10. Sound in films which is part of the narrative sphere of the film is termed as:

- Non-diegetic
- o Diegetic
- o Voice over
- o Background
- 11. Who was a key figure in establishing the set of codes that have become the universal backbone of film language?
 - Auguste Lumeire
 - o H. S. Bhatawadekar
 - o D. W. Griffith
 - Robert Drego
- 12. Who decides the use of Subjective camera or Objective camera?
 - o Editor
 - Camera Attendant
 - o Cameraman
 - o Director

13. The first Indian film with a sound track is

- o Alam Ara (1931)
- Devdas (1935)
- o Anarkali (1935)
- o Laila Majnu (1931)
- . 14. In which film female characters were played by male actors?
 - Raja Harishchandra
 - o Alam Ara
 - o Devdas
 - o Bilat Ferat
 - 15. Dwarkadas Sampat set up Kohinoor Film Company which was
 - o India's first film studio
 - Location for first talkie
 - Shooting films in outdoor
 - Makers of first color film

16. This filmmaker believed that the new cinematic element was "montage".

o Drega Vertov

III

- o Gheorghe Marinescu
- o Sergei Eisenstein
- Boleslaw Matuszewski
- 17. In 1913 Shree Nath Patankar an Indian producer, director, and cameraman teamed up with V. P. Divekar and A. P. Karandikar and formed a production company called
 - Patankar Divekar & Co.
 - Patankar Divekar Karadikar Films
 - PDK film company
 - Patankar Union

18. In late 1917 Phalke Film Co. was incorporated into _____.

- Madan Theatres
- Maharastra Film Company
- o Oriental Film
- o Hindustan Film Co.

19. The first Levy of Entertainment Tax in India was introduced in Bengal in

- o 1920
- o 1921
- o 1922
- o 1923

20. In which film did Baburao Painter shift from painted curtains to multi-dimensional sets.

- Shishupal Vadh
- o Bhakt Gora Kumbhar
- o Vaman Avatar
- o Sinhagad
- 21. Breathless was directed by
 - o Andre Bazin
 - o Jean Luc Godard
 - Francois Truffaut
 - o Louis Malle

22. Which of these is not Hollywood production and studio house

- o Paramount
- o Illuminati
- o Metro Goldwyn Mayer
- o Warner Bros

23. Who was the maker of the benchmark movie 'Seven Samurai'?

- o Steven Spielberg
- o Akira Kurosawa
- Alfred Hichcock
- Ramesh Sippy
- 24. Who directed Citizen Kane?
 - $\circ \quad \text{John Ford} \quad$
 - o Orson Welles

IV

- Francis Ford Coppola
- o Frank Kapra
- 25. Stunt, fantasy and mythological films; Hunterwaali, Miss Frontier Mail, Punjab Mail, etc. were made by
 - Oriental Film Co.
 - Hindustan Pictures
 - o Minerva Movietone
 - Wadia Movietone
- 26. Which was 1941's Indian film, directed by Kidar Sharma and based on the 1934 Hindi novel of the same name by Bhagwati Charan Verma.
 - Charitraheen
 - o Chandralekha
 - o Chitralekha
 - Chanchal Devi
- 27. The song दूर हटो दुनियावालों, हिन्दुस्तान हमारा है is from which movie?
 - Hum Hindustani
 - o Anand Math
 - o Kismet
 - o Bhule Nai
- 28. Super hit song "Diya Jalao" featuring K. L. Saigal was from the film.
 - o Devdas
 - o President
 - o Chandidas
 - o Tansen
- 29. Who stylized and exaggerated death and violence in samurai epics?
 - Yasujiro Ozu
 - Kim Lin sung
 - o Bong Hing Cho
 - o Akira Kurosawa
- 30. Whose films usually focus on young protagonists or have children that play key roles in the plot.
 - o Yasujiro Ozu
 - o Akira Kurosawa
 - Hayao Miyazaki
 - Bruce Lee
- 31. The Cinema of Iran is also known as the
 - Cinema of Arabia
 - o Afghan Cinema
 - o Cinema of the Turks
 - o Cinema of Persia
- 32. Who directed 'Boycott', a film set in pre-revolutionary Iran?

- o Manjil Rudbar
- o Majid Majidi
- o Mohsen Makhmalbaf
- Abbas Kiarostami
- 33. The color of Paradise is made by
 - o Mohsen Makhmalbaf
 - Abbas Kiarostami
 - o Manjil Rudbar
 - o Majid Majidi

V

- 34. Identify the cinematographer of most of the Shyam Benegal films, but he himself has directed over 10 films
 - \circ M. S. Sathyu
 - V. K. Murthy
 - Govind Nihalani
 - o Girish Kasaravalli
- 35. Contemporary Bollywood film, a satirical comedy in support of governmental campaigns to improve sanitation conditions in India, with an emphasis on the eradication of open defecation, especially in rural areas.
 - o Padman
 - o Piku
 - Toilet: Ek Prem Katha
 - o Lipstick Under My Burkha
- 36. A will to be self-reliant after retirement well picturized, starring Rajesh Khanna
 - o Aap Ki Kasam
 - o Avtaar
 - Anand
 - o Roti

37. Which of the following is not a contribution by Shyam Benegal?

- o Ankur
- o Manthan
- o Bhumika.
- o Duvidha

38. Which of the following is a unique characteristic of Indian cinema?

- o Montage
- o Realism
- o Western
- Songs & Dance

39. Who is regarded as pioneer of Indian Parallel Cinema.

- o Raj Kapoor.
- o Guru Dutt.
- Satyajit Ray.
- o Mehboob Khan.

- 40. First singer superstar of Indian cinema
 - o K. L. Saigal
 - o Mukesh
 - o Mahendra Kapoor
 - o Udit Narayan
- 41. On whose death Raj Kapoor said "Aaj meri aawaaz mar gayi".
 - o Manna Dey
 - o Mahendra Kapoor
 - o Kishore Kumar
 - o Mukesh

42. Which of the following is a contribution by Mani Kaul?

- o Zubeidaa
- o Kalyug
- o Uski Roti
- o Bhumika

43. Realism in Indian cinema dates back to

- o 1970's and 1980's
- o 1960's and 1970's
- o 1930's and 1940's
- o 1020's and 1930's

44. Who was the first minister for Information and Broadcasting post-independence?

- o Rajendra Prasad
- o Lal Bahadur Shastri
- o Lala Lajpat Rai
- o Sardar Vallabh Bhai Patel
- **45.** Film on women's emotion entered into the 1959 Cannes Film Festival, where it was nominated for the Palme d'Or for Best Film. Simple heart touching dialogues.
 - o Sharabi
 - Ek Ke Baad Ek
 - o Aurat
 - o Lajwanti
- **46.** Which was the period of patriotic films as India was fighting for Independence and influence of Netaji Subhash Chandra Bose was very high to attain freedom.
 - o 1930's
 - o 1925 to 1930
 - o 1935 to 1940
 - o 1940's
- **47.** Political thriller film, the story draws parallels to the epic Mahabharat where shades of Arjun, Karn, Krishna, Bhima, Duryodhana and Draupadi can be seen in the characters portrayed.
- o Satya
- o Ardha Satya

- o Karan Arjun
- o Rajneeti

48. Do Beegha Zameen is directed by

- \circ V. Shantaram
- o Guru Dutt
- Bimal Roy
- Raj Kapoor

49. Mrinal Sen did not direct this film

- o Mrigayaa
- Khandhar
- Garam Hawa
- o Akash Kusum
- 50. 'Netaji Subhas Chandra Bose: The Forgotten Hero' is directed by
 - o Gulzar
 - o Mani Kaul
 - o Govind Nihalani
 - Shyam Benegal

SUBJECT: INTRODUCTION TO PHOTOGRAPHY

- 1. Resolution of a digital image means:
 - A. Physical dimensions of an image (H x W) in pixels
 - B. Physical dimensions of an image (H x W) in Cms.
 - C. Physical dimensions of an image (H x W) in inches
 - D. Physical dimensions of an image as a ratio of the sensor size.
- 2. Shutter-speed of a camera is measured in:
 - A. Seconds
 - B. Fraction of a second
 - C. Stops
 - D. f-numbers
- 3. Depth-of-field is:
 - A. Area between the nearest and furthest objects in the frame that is sharp
 - B. Area between the front of the lens and back of the subject that is sharp
 - C. Area between the focal-plane of the camera and the front of the subject
 - D. Area between the rear-element of the lens and front of the subject that is sharp
- 4. Bokeh in an image means:
 - A. Point- sources of light, that are blured
 - B. Point-sources of light, that are sharp
 - C. Point-sources of light, that are specular,
 - D. Point-sources of light, that are no-specular
- 5. Lower the colour-temperature:
 - A. Warmer are the colours
 - B. Saturated are the colours
 - C. Cooler are the colours
 - D. Un-saturated are the colours
- 6. Aspect-ratio of an image means:
 - A. Ratio between, height and width of an image
 - B. Ratio between, shutter-speed and aperture
 - C. Ratio between, distance and diagonal of an imag
- 7. Colour temperature of morning/evening sky is:
 - A. The same
 - B. Neutral
 - C. Cold
 - D. Warm
- 8. Most common form of image-sensors are:
 - A. CCD
 - B. CMOS
 - C. CDOS
 - D. CCODS
- 9. Grainier/nosier images are caused because of:
 - A. High ISO
 - B. LOW ISO
 - C. Inferior lenses
 - D. Wrong shutter speeds

- 10. A soft-box is:
 - A. A large-sized studio light
 - B. A small-sized studio light
 - C. An area light
 - D. A large-sized point source of light
- 11. The EV scale ranges from:
 - A. -6 to +21
 - B. -1 to +49
 - C. -25 to +50
 - D. -5 to +20
- 12. A wide/large aperture allows:
 - A. More light
 - B. Less light
 - C. Freezing of action
 - D. Blurring of action
- 13. The Exposure-triangle consists of:
 - A. ISO Aperture Shutter Speed
 - B. Distance Sunlight Exposure
 - C. Exposure Lens Shutter Speed
 - D. ISO Lens Distance
- 14. Rule-of-Thirds has:
 - A. Image is divided into nine equal rectangles
 - B. Image is divided into ten equal squares
 - C. Image is divided into four equal rectangles
 - D. Image is divided into six equal rectangles
- 15. To shoot star trails:
 - A. Shutter has to be open for more than a minute
 - B. Aperture has to be wide
 - C. Shutter has to be open for less than a minute
 - D. Aperture has to be narrow
- 16. Zoom-burst technique means:
 - A. Zooming in/out at a slow shutter-speed
 - B. Zooming in/out at a fast shutter-speed
 - C. Zooming in/out at a narrow aperture
 - D. Zooming in/out at a wide aperture
- 17. Macro images have a magnification ratio of:
 - A. 1:1
 - B. 1:2
 - C. 2:1
 - D. 1:4
- 18. Aperture-Priority means:
 - A. Camera sets the shutter
 - B. Camera sets the aperture
 - C. Camera sets the exposure
 - D. Camera sets both shutter and aperture
- 19. Shutter-priority means:
 - A. Camera sets the shutter
 - B. Camera sets the exposure
 - C. Camera sets both shutter and aperture
 - D. Camera sets the aperture

- 20. Auto-exposure means:
 - A. Camera sets all exposure controls
 - B. Camera sets the focus, you set the exposure
 - C. Camera sets the ISO only
 - D. Camera any one exposure control you set the other two
- 21. Neutral Density filters are used to:
 - A. Prolong exposures timings
 - B. Cut-down exposures timings
 - C. Allow higher ISO to be used
 - D. Allow lower ISO to be used
- 22. Large light-sources will create:
 - A. Soft-shadows
 - B. Hard shadows
 - C. Long shadows
 - D. Short shadows
- 23. The B setting, allows you to:
 - A. Keep the shutter open indefinitely
 - B. Keep the shutter open for fixed period of time
 - C. Keep the flash on for longer
 - D. Keep the flash on for short durations
- 24. Convex lenses:
 - a. Diverge light
 - b. Converge light
 - c. Split light on the diagonal
 - d. Make light parallel
- 25. Tilt-shift lenses are primarily used for:
 - a. Portrait photography
 - b. Micro photography
 - c. Architectural photography
 - d. Macro photography
- 26. Field of view of human eyes is:
 - a. 350 degrees
 - b. 180 degrees
 - c. 55 degrees
 - d. 40 degrees
- 27. The Exposure Value (EV) system doesn't take into account:
 - a. ISO
 - b. Shutter-speed
 - c. Aperture
 - d. Distance
- 28. Short-lighting means:
 - a. Side of the face away from the camera is well-lit
 - b. Side of the face towards the camer is well-lit
 - c. Area under the nose id lit
 - d. Area under the eyes is lit
- 29. Inverse-square-law of light means
 - a. Doubling of light, as the distance to the subject is doubled
 - b. Tripling the light, as the distance to the subject is doubled
 - c. Doubling of light, as the distance to the subject is quartered
 - d. Tripling of light, as the distance to the subject is halved

- 30. Butterfly-lighting is used in:
 - a. Architectural photography
 - b. Industrial photographyill-flash is used:
 - c. Portrait photography
 - d. Nature photography
- 31. Fill-flash is used when:
 - a. Subject is back-lit
 - b. Subject is top-lit
 - c. Subject is side-lit
 - d. Subject is front-lit
- 32. Blower brushes are used to:
 - a. Clean lenses
 - b. Clean the camera
 - c. Add bubbles to an image
 - d. Remove bubbles from an image
- 33. The frequency of the visible spectrum is:
 - a. 400 nm to 700nm
 - b. 100 meters to 10 Kilometers
 - c. 400 Centi meters to 700 Centi meters
 - d. 100 meters to 1000 meters
- 34. A tilt-shift lens works on the:
 - a. Scheimpflug Principle
 - b. Newtons Principle
 - c. Einsteins Principle
 - d. Bernoluccis Principle
- 35. On a cloudy day, the colour temperature will be
 - a. 8000* to 12,000*
 - b. 5000* to 10,000*
 - c. 3000* to 4,500*
 - d. 1000* to 3,500*
- 36. Lower ISO results in:
 - a. Less noise and greater contrast
 - b. More noise and less contrast
 - c. Less noise and greater saturation
 - d. More noise and less contrast
- 37. Colour-film was developed by:
 - a. George Eastman
 - b. Isaac Newton
 - c. Edwin Weston
 - d. Georges Niepce
- 38. Wide-angle lenses have:
 - a. Tremendous depth-of-field
 - b. Shallow depth-of-field
 - c. Tremendous resolution
 - d. Shallow resolution
- 39. Using Fluorescent LB in daylight, will result in:
 - a. Bluish colour casts
 - b. Yellow colour casts
 - c. Red colour casts
 - d. Cyan colour casts

- 40. Colour correcting (CC) filters are used for:
 - a. Complementary coloured filters
 - b. Non-complementary colour filters
 - c. Linear colour filters
 - d. Non-lineared colour filters
- 41. A penta-prism in a camera is located in the:
 - a. View-finder
 - b. Camera body
 - c. Front of the sensor
 - d. Behind the sensor
- 42. Constant-composition means:
 - a. Subject is same size, using different lenses
 - b. Background is same sized, using different lenses
 - c. Subject and background is same sized, using different lenses
 - d. Subject and background are different sized, using different lenses
- 43. Variable focal-length lenses are also known as:
 - a. Zoom lenses
 - b. Telephoto lenses
 - c. Wide-angled lenses
 - d. Macro lenses
- 44. A honey-comb on a light will:
 - A. Is used for portraits
 - B. Is used for industrial shoots
 - C. Is used for top-angle shots
 - D. Is used for low-key shots
- 45. Correct flash-sync speed is:
 - a. Slower than 1/250
 - b. Faster than 1/250
 - c. Exact 1/60
 - d. Any speed between 1/125 and 1/250
- 46. All incandescent lights use:
 - a. Conventional light bulbs
 - b. Conventional fluorescent tubes
 - c. Conventional hydrogen tubes
 - d. Conventional neon tubes
- 47. Modeling lamps in studio-flash units are made of:
 - a. Low powered bulbs
 - b. High powered bulbs
 - c. Neon bulbs
 - d. Freon bulbs
- 48. The gas used in electronic flash is called:
 - a. Nitro-Boron
 - b. Xenon
 - c. Nitro-Xenon
 - d. Magnesium
- 49. Electronic flash was invented by:
 - a. Harold Edgerton
 - b. Walter Bushnell
 - c. George Eastman
 - d. Cornell Dumbarton

50. Focal-plane sync means: Entire frame is exposed to light Top-half of frame is synchronized Bottom-half of frame is synchronized Middle of frame is synchronised