

039/2016

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. The SI unit of luminous intensity is :
(A) Candela (B) Micrometer
(C) Volt (D) Watt
2. Solutions which contain Hydrogen and Oxygen combined to form hydroxyl ions which have a negative electrical charge :
(A) Neutral (B) Alkalis
(C) Acid (D) Concentrated
3. In P-type semiconductor the majority carrier is :
(A) Holes (B) Junctions
(C) Electrons (D) Protons
4. A branch of Science, which deals with the properties and behaviour of liquids, is called :
(A) Hydraulics (B) Fluids
(C) Mechanics (D) Hygroscopic
5. Name the boards which usually associated with carton work, but heavier grades are also widely used for the better quality buildings :
(A) Chopper board (B) Chip boards
(C) Corrugated board (D) Mill board
6. Paste inks are used in the _____ printing process.
(A) Screen Printing (B) Electrostatic Printing
(C) Bathic Printing (D) Offset
7. The additive which is used during printing ink formulations in order to improve the scuff or rub resistance of printed surface is :
(A) Waxes (B) Dyes
(C) Clay (D) Thinner

8. Printing on both sides of a sheet, with the tail becoming the lead edge for the second colour by turning the pile for the second pass through the press is referred as :
- (A) Work and Turn (B) Work and tumble imposition
(C) Signature (D) Sideways
9. Stochastic screening is otherwise known as :
- (A) Screen ruling (B) AM Screening
(C) Light Screening (D) FM Screening
10. In layout, two or more connected letters on a same type body is known as :
- (A) Ligature (B) Serif
(C) Fillet (D) Indentation
11. Name the recommended file format to save art (vector) image :
- (A) PDF (B) RGB
(C) CMYK (D) EPS
12. Name the printing method in which the dry ink is used :
- (A) Offset (B) Electrostatic Printing
(C) Gravure (D) Screen
13. Pre-sensitized plate coating material is :
- (A) Diazo (B) Albumen
(C) Silver (D) Gum arabic
14. Internal curve between the serif and main stroke in a type :
- (A) Square serif (B) San serif
(C) Stroke (D) Fillet
15. Name of the tool used to view dots in a photograph :
- (A) Microscope (B) Densitometer
(C) Linen tester (D) Slur gauge

16. UCR stands for :
- (A) uv character recognition (B) under colour removal
(C) bitmap (D) gray correction
17. Device used to convert digital signal into analog signal :
- (A) Motherboard (B) Radar
(C) Modem (D) CPU
18. Carbonless copy paper is known as :
- (A) Card board (B) Newsprint
(C) Mechanical Paper (D) Auto copying Paper
19. Name the device used to calibrate or to determine actual exposure time during plate processing :
- (A) Sensitivity guide (B) Calibration guide
(C) Side guide (D) Printing down frame
20. Name the image carrier in Letterpress :
- (A) Type (B) Plate
(C) Cylinder (D) Drum
21. Reverse of Letterpress :
- (A) Flexography (B) Offset
(C) Xerography (D) Intaglio Printing
22. Laser printer reproduce image by using :
- (A) Drum (B) Toner
(C) Ink (D) PMT
23. Name the programme help to diagnose problems with DTP documents or post script files :
- (A) Preflighting software (B) Illustrating software
(C) Word-processing software (D) Trapping Software

24. The universally accepted method for specifying and mixing colours :
- (A) Colour matching system (B) Pantone matching System
(C) CMYK Matching System (D) RGB Matching System
25. A leaf contains only a green pigment is illuminated with monochromatic red light. The leaf will appear to be :
- (A) Green (B) Red
(C) Black (D) Yellow
26. Stochastic screening is otherwise known as :
- (A) Angle Screening (B) FM Screening
(C) AM Screening (D) Elliptical Screening
27. One Megabytes =
- (A) 100 Kilobytes (B) 1000 Kilobytes
(C) 10 Kilobytes (D) 1 Kilobytes
28. The page style of a layout programme that appears on every page of a multipage publication with automatic page numbering :
- (A) Key sheet (B) Master page
(C) Style sheet (D) Index
29. The primary memory of a computer that stores data permanently :
- (A) Read only memory (B) Volatile Memory
(C) Random Access Memory (D) Memory Card
30. The packaging used for electronic components, pharmaceutical tablets, capsules etc :
- (A) Plastic packets (B) Corrugated Packets
(C) Containers (D) Blister Packets
31. A series of small holes very close to each other is made so that a position of the sheet of paper may be readily torn away and this operation is known as :
- (A) Punching (B) Creasing
(C) Perforating (D) Stamping

32. Who is the Father of Printing?
(A) Johann Gutenberg (B) Ira Rubel
(C) William Caxton (D) Chestor Carlson
33. Dandy roll is used for :
(A) Watermark (B) Inking
(C) Stencil (D) Colouring
34. Who invented Electrostatic Printing?
(A) Jessie Wright (B) Chester Carlson
(C) Richard March (D) Francis Bacon
35. Industrial intaglio printing is called :
(A) Flexography (B) Lithography
(C) Gravure (D) Screen Printing
36. Name the birth place of Johann Gutenberg :
(A) France (B) China
(C) England (D) Mainz
37. 6 Picas =
(A) 12 inch (B) 2 inch
(C) 72 inch (D) 1 inch
38. Number of pixels per linear inch in a scanner is known as :
(A) Resolution (B) DPI
(C) LPI (D) Halftone
39. _____ has the ability to change light to electrical signal and is the most important element of the scanner.
(A) Head (B) PMT
(C) Colour tube (D) Drum

40. Name a page layout software :
- (A) Corel Draw (B) Microsoft word
(C) Microsoft Excel (D) Calc
41. The method by which align four colour halftone screens is referred as :
- (A) Tint (B) Gray scale
(C) Resolution (D) Screen Angle
42. Portable Document Format was developed by Adobe in :
- (A) 1995 (B) 1997
(C) 1993 (D) 1987
43. Recreation of a document for use on the web without altering its original look :
- (A) PDF Publishing (B) XML publisher
(C) Database (D) HTML
44. A printing machine which prints simultaneously on both sides of the press sheet as it passes through the printing unit is known as :
- (A) Perforating machine (B) Perfect binding
(C) Perfecting press (D) CIC
45. Device for checking multiple sheets in registration system of a printing press :
- (A) Double Sheet detector (B) Side lay
(C) Front stop (D) Suckers
46. Device used for attaching a new web while the printing is going on :
- (A) shaft (B) splicer
(C) tensioner (D) chopper
47. A roller which is free to move up or down, forward or backward as the press runs in a web :
- (A) Oscillating roller (B) Dancer roller
(C) Chill rolls (D) Ductor roller
48. Who is the inventor of lithography?
- (A) Johann Gutenberg (B) Ira Rubel
(C) William Caxton (D) Alloys Senefelder

49. Name the instrument used to draw parallel lines in a layout table :
- (A) Light table (B) Cursor
(C) Ruler (D) T-square
50. Small particles of paper tear from the surface of each press sheet and feedback into the inking system causes :
- (A) Set off (B) Hickies
(C) Tinting (D) Strike through
51. pH of dampening solution is :
- (A) 3 to 4 (B) 5.5 to 7.5
(C) 4.5 to 5.5 (D) 7
52. In printing, non-image area accept ink causes :
- (A) Doubling (B) Set off
(C) Dot grain (D) Scum
53. Stencil is used as an image carrier in which type of printing :
- (A) Flexography (B) Lithography
(C) Screen printing (D) Electrostatic printing
54. The inventor of Heliography is :
- (A) Alois Senefelder (B) Joseph Nicephore
(C) Ira Rubel (D) William Caxton
55. Paper bulk is measured in :
- (A) GSM (B) ream
(C) gms (D) points
56. Weight of 1000 sheets known as :
- (A) Basis Weight (B) 1 Ream
(C) M Weight (D) Tonne
57. Process of assembling signatures by placing one on another is :
- (A) Gathering (B) Laminating
(C) Punching (D) Jogging

58. The popular paperback or pocket book is an example of which type of binding :
- (A) Case binding (B) Quarter cloth
(C) Account book binding (D) Perfect binding
59. Type Height :
- (A) 0.61 inch (B) 0.918 inch
(C) 1.9 inch (D) 0.98 inch
60. Scanner's sharpness is measured in terms of :
- (A) resolution (B) JPEG
(C) dpi (D) screen
61. Device used for measuring thickness of blanket :
- (A) Densitometer (B) Shoredurometer
(C) Startarget (D) Ammeter
62. A smeared or double image area on the printed sheet is known as :
- (A) Tinting (B) Slurring
(C) Scumming (D) Doubling
63. Lithography is invented in the year :
- (A) 1900 (B) 1768
(C) 1787 (D) 1798
64. Pick out the roller which relate to flexographic printing process :
- (A) Anilox Roll (B) Dancer roller
(C) Distribution roller (D) Form roller
65. An array of parallel rectangular bars and spaces that together represent a single data element or character particularly symbology :
- (A) Spine (B) Binary symbols
(C) Barcode (D) Bitmap

66. Name the paper characteristic which contributes to actual colour image for colour work :
- (A) Reflectance (B) Bulk
(C) Flat (D) Opacity
67. A set of blank pages prepared to show the size, shape, form and general appearance of a printed piece :
- (A) Sample (B) Finished Layout
(C) Dummy (D) Book
68. Name the roller which touches the Plate cylinder in an offset machine :
- (A) Inking roller (B) Fountain roller
(C) Form roller (D) Ductor roller
69. RIP stands for :
- (A) Red Image Processing (B) Rapid Image Processing
(C) Raster Image Processing (D) Random Image Processing
70. Nip roller is associated with which type of machine :
- (A) Nipping Press (B) Sheet fed
(C) Electrostatic Machine (D) Web Press
71. Perfect binding is also known as :
- (A) Perforating Press (B) Web Press
(C) Comb binding (D) Adhesive binding
72. Brochures commonly used for :
- (A) Laminating (B) Advertising
(C) Binding (D) Screening
73. Wire stitching machines are used for :
- (A) Edge decorating (B) Cutting
(C) Stapling (D) Embossing

74. In printing facsimile stands for :
- (A) Xerox (B) Fax
(C) Printed copy (D) Perfect copy
75. Latent image :
- (A) Hidden image (B) Removed image
(C) Transparent image (D) Printed image
76. The material in which the image is printed commonly known as :
- (A) Bulk (B) Paper
(C) Substrate (D) Sheet
77. Rendering means :
- (A) Copying (B) Doubling
(C) Screening (D) Converting
78. Spectrophotometer is a device used for measuring :
- (A) Print speed (B) Density
(C) Exposure time (D) Colour values
79. Name the property of a substance to flow :
- (A) Solid (B) Liquid
(C) Resistance (D) Viscosity
80. Method to find out the number of pages in a printed copy from a given manuscript :
- (A) Casting in (B) Casting on
(C) Casting off (D) Casting out
81. The Present Defence Minister of India :
- (A) Manohar Parrikar (B) Smriti Irani
(C) Sushma Swaraj (D) Suresh Prabhu
82. 'In God We Trust' is the national motto of :
- (A) Pakistan (B) Nepal
(C) America (D) Spain

83. Which session of the Indian National Congress declared Purna Swaraj (Complete independence) as its goal?
(A) Wardha (B) Lahore
(C) Nagpur (D) Calcutta
84. Lakshadweep is situated in :
(A) Arabian Sea (B) Bay of Bengal
(C) Mediterranean Sea (D) Red Sea
85. The branch of science that deals with the study of soil is :
(A) Cartography (B) Petrology
(C) Physiology (D) Pedology
86. Capital of Sikkim :
(A) Gangtok (B) Panaji
(C) Dehradun (D) Agarthala
87. Who presided over the Amaravathi session of Indian National Congress in 1897?
(A) S.N. Banerjee (B) R.C. Dutt
(C) C. Sankaran Nair (D) A.M. Bose
88. Government of India accepted Cinema as industry in :
(A) 2000 (B) 2002
(C) 2004 (D) 2001
89. National Stadium (Ireland) is famous for :
(A) Football (B) Hockey
(C) Boxing (D) Basket ball
90. Head Quarters of Bharatiya Mahila Bank :
(A) Delhi (B) Calcutta
(C) Lucknow (D) Bangalore
91. Founder of Atmavidya Sangham :
(A) Pandit Karuppan (B) Sivayogi
(C) Chattampi Swami (D) Vagbhatanandan

92. Sree Narayana Guru attained Samadhi in :
(A) 1918 (B) 1928
(C) 1908 (D) 1920
93. "No Caste, No Religion, No God for man" said by :
(A) Sahodaran Ayyappan (B) V.T. Bhattathirippad
(C) Ayyankali (D) Vakkam Moulavi
94. First Vice President of Sree Narayana Dharma Paripalanayogam (SNDP) :
(A) Kumaranasan (B) Natarajaguru
(C) Dr. Palpu (D) Thycaud Ayya
95. Kuriakose Elias Chavara set up a printing press in 1846 at :
(A) Kainakari (B) Mannanam
(C) Pallickal (D) Pallipuram
96. International Yoga day :
(A) June 21 (B) April 21
(C) July 21 (D) September 21
97. The 29th state of India is :
(A) Uttaranchal (B) Jarkhand
(C) Telengana (D) Chathisgarh
98. The first monorail in India is in :
(A) Kochi (B) Chennai
(C) Kolkatta (D) Mumbai
99. Who won the Pulitzer Prize in the poetry category in 2014?
(A) Vijay Seshadri (B) Kailash Satyarthi
(C) B.K.S lyengar (D) Mridula Marg
100. 36th Chief Justice of India :
(A) K.G. Balakrishnan (B) H.L. Dattu
(C) R.C. Lahoti (D) Yogesh Kumar Sabharwal