

163/2014

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. Which is not a primary colour in printing?  
(A) Green (B) Yellow  
(C) Cyan (D) Magenta
2. At what depth will be a photograph measuring 16cm\* 20cm is to be reduced to 10 cm width?  
(A) 5.12 cm (B) 50.2 cm  
(C) 12. 5 cm (D) 15.2 cm
3. Name the process that the size of an image will be reduced or enlarged to fit at a particular area of the layout :  
(A) Trapping (B) Scaling  
(C) Leaching (D) Fitting
4. The machine which is used to arrange the sections of a book in proper order :  
(A) Gathering machine (B) Folding machine  
(C) Finishing machine (D) Stitching machine
5. A single copy form prepared manually or by a machine and printed on grade of paper :  
(A) Flat forms (B) Unit — Set form  
(C) Snap out form (D) Fanfold form
6. A term that refers to the integration of computers and graphic oriented software for the purpose of automating the design and drafting process :  
(A) Computer aided design (B) Machine aided design  
(C) Architectural assisted design (D) System analysis and design
7. By word process we mean :  
(A) Processing only words and not the numbers  
(B) String manipulations  
(C) A Method of providing facility of text processing  
(D) A software game for playing with words

8. Graphics software CAD :
- (A) Enhances the human capability beyond conventional drawing board
  - (B) Provides facility for hatching dimensioning, tilting etc
  - (C) Provides facility for drawing of shapes like circles, rectangles etc
  - (D) All of the above
9. Office automation systems are aiming at :
- (A) Putting robot types of machines
  - (B) Automatising everything in office
  - (C) Producing the systems which reduces burden from the managers minds
  - (D) All of the above
10. Arrangements of pages for printing in such a way that, when folded the pages fall in a proper sequence :
- (A) Laminating
  - (B) Emposing
  - (C) Tooling
  - (D) Imposition
11. The process by which letters or designs pressed on a paper, cloth or leather using ink, gold or aluminium foil :
- (A) Blind embosing
  - (B) Embosing
  - (C) Gold tooling
  - (D) Blind tooling
12. The symbol of stability, security and hope :
- (A) Eagle
  - (B) Vulture
  - (C) Garland
  - (D) Anchor
13. The bottom right corner of a front page used for publishing a single advertisement :
- (A) Name plate
  - (B) Dummy
  - (C) Ear piece
  - (D) Solus position
14. A pictorial image that epitomizes a concept, diety, tribe, nation and virtue or voice :
- (A) Symbol
  - (B) Emblem
  - (C) Identity
  - (D) Image

15. Which of the following is not example of data processing?
- (A) Numerical calculation
  - (B) Classification of data
  - (C) Transmission of data from one place to another
  - (D) Sorting the fields within a record
16. Which of the following is an input device?
- (A) Magnetic drums
  - (B) Plotters
  - (C) Coders
  - (D) Monitor
17. Which is not a computer language?
- (A) Fortran
  - (B) Cobol
  - (C) Adobe Photoshop
  - (D) Pascal
18. At what temperature the Paper should be kept before it is unwrapped?
- (A) At colder temperature
  - (B) In air condition room
  - (C) At high temperature
  - (D) At room temperature
19. For coated paper pH should between :
- (A) 8.5 — 9.5
  - (B) 7.5 — 8.5
  - (C) 6.5 — 7.5
  - (D) 6 — 7
20. Which is not a printability requirement which will ensure better results in printing?
- (A) RH
  - (B) High pick resistance
  - (C) pH
  - (D) Low piling tendency
21. In paper manufacturing the only harmful chemical used is :
- (A) Alum
  - (B) Sulphar Dioxide
  - (C) Sulphar
  - (D) Copper Sulphate
22. The property of paper surfaces that makes the light reflect :
- (A) Smoothness
  - (B) Gloss
  - (C) Opacity
  - (D) Refractiveness

23. For uncoated paper pH should be between :
- (A) 5 and 6 (B) 4 and 5  
(C) 6 and 7 (D) 6.5 and 7.5.
24. Which of the following is an output device?
- (A) Light pen (B) Magnetic stick  
(C) Punched card (D) Speech synthesizers
25. A device that convert analogue signal into digital signal :
- (A) Computer (B) Modem  
(C) Hub (D) Speaker
26. Which is the modern type setting device?
- (A) Computer (B) Type writer  
(C) Stensile (D) None of these
27. What is W. T. O.?
- (A) World Travel Organisation (B) World Trip Organisation  
(C) World Trade Organisation (D) World Transnit Organisation
28. Which type of printing involves heating process?
- (A) Lamination (B) Gold tooling operation  
(C) Thermography operation (D) Varnishing operation
29. The machine by which the swell of the back of the book is removed :
- (A) Punching machine (B) Bending machine  
(C) Cylinder machine (D) Nipping press
30. Name the process of making holes in the tearing sheets of paper :
- (A) Saddle stitching (B) Gathering  
(C) Perforation (D) Embosing
31. The DUX machine for folding the sheets was invented in :
- (A) 1890 (B) 1898  
(C) 1896 (D) 1888
32. Who invented the basic technique of cutting machine?
- (A) Wilson (B) Guten Berg  
(C) Sigmanel Adam (D) John Hess

33. The books used for writing credits and debits of business :
- (A) Account book (B) Ledgers  
(C) Ledgers and account books (D) Note books
34. Pen Beam is fitted in which part of the machine :
- (A) First part (B) Central part  
(C) End part (D) Finishing part
35. Small thickness of textbooks and exercise books are stitched in this manner :
- (A) Round stitching (B) Wire stitching  
(C) Slide stitching (D) Saddle stitching
36. The work of printing started in the year :
- (A) 1800 (B) 1898  
(C) 1554 (D) 1558
37. A bootstrap is :
- (A) An error correction technique  
(B) A memory device  
(C) A device to support the computer  
(D) A small installation program to start up a computer
38. The digit used for responding 'No' :
- (A) Zero (B) One  
(C) Eight (D) Nine
39. The engraving needle is made of :
- (A) Granite (B) Silver  
(C) Diamond (D) Copper
40. Which type metal is used to provide white space between lines?
- (A) Stone (B) Lead  
(C) Graphite (D) Diamond

41. The type setting machine available for casting and setting 'hot type' :
- (A) Mono type (B) Lino type  
(C) Ludlow (D) None of these
42. Which is the "eyes" of your computing and D.T.P System?
- (A) Modem (B) Fax machine  
(C) Scanner (D) Printer
43. The postscript was first developed by Adobe systems in :
- (A) 1985 (B) 1995  
(C) 1989 (D) 1975
44. Who was the father of printing?
- (A) Wilson (B) Thomas Nelson  
(C) William Caxton (D) Guten Berg
45. Which are part of a composing stick?
- (A) Flange, slide, plate, thumb, screw (B) Plate, flange, head, slide, screw  
(C) Head, slide, Plate, metal (D) Slide, flange, head, liver, plate
46. Name the standing portion which starts from face of type to shoulder :
- (A) Face (B) Bevel  
(C) Counter (D) Beard
47. A powerful light source that emits a very narrow beam of light :
- (A) Sodium light (B) Sunlight  
(C) Mercury (D) Laser
48. The books used by Runners :
- (A) Law books (B) Bible  
(C) Library books (D) Technical books
49. Other technical term for "work and back" :
- (A) Half sheet work (B) Tumbler work  
(C) Full sheet (D) Work and twist

50. The margin which is usually seen on the left side of the printed odd number page and right side of even number page :
- (A) Back margin (B) Gutters margin  
(C) For edge margin (D) Tail margin
51. The face of some digits seems to be more beautiful than others. They are called :
- (A) Morttised type (B) Sectional type  
(C) Swash letters (D) Bastered type
52. The letters which usually starts from base line and extends towards the capline is :
- (A) Descending letters (B) Ascending letters  
(C) Short letters (D) Long letters
53. The factors of a type metal :
- (A) Lead, Sulphar, Tin  
(B) Antimony, Lead, Tin  
(C) Antimony, Tin, Copper  
(D) Sulphar, Antimony, Tin
54. The 'em' which cannot be given in between words :
- (A) 1 em (B) ½ em  
(C) 1 en (D) 2 em
55. Which term is used to paste the 'End paper' into the board?
- (A) Pasting down (B) Pasting up  
(C) Siding (D) Turned in
56. Which of the following is not a hardware?
- (A) Magnetic tape (B) VDU Terminal  
(C) Assembler (D) Printer
57. The printing errors and its corrections entered in books mentioned with page number :
- (A) Dedication (B) Eratta  
(C) Introduction (D) Preface
58. The string used to make Head - band :
- (A) Tape (B) Cat - gut  
(C) Threads (D) Cloth

59. The property of paper which controls the extent to which printed characters can be seen through the sheet :
- (A) Opacity (B) Capacity  
(C) Capability (D) Smoothness
60. Per capita paper consumption in India is only :
- (A) 5 kg (B) 1 kg  
(C) 3 kg (D) 10 kg
61. One of the disadvantage of UV ink :
- (A) Eco friendly  
(B) Zero set off even for plastic and metals  
(C) Indefinite ink opening time  
(D) Causes tissue damage by careless handling
62. This century is often called as "The Paper Age" :
- (A) Nineteenth century (B) Twentieth century  
(C) Twenty first century (D) Eighteenth century
63. 1 GB =
- (A)  $2^{10}$  KB (B) 1000 MB  
(C)  $2^{10}$  MB (D) 1000 KB
64. How can we calculate the number of pieces of stock that can be cut from each full size sheet?
- (A) Size of basic sheets  $\times$  Size of press sheet = Number of pieces produced  
(B)  $\frac{\text{Size of press sheets}}{\text{Size of basic sheets}} = \text{Number of pieces produced}$   
(C)  $\frac{\text{Number of pieces produced}}{\text{Size of press sheets}} = \text{Size of basic sheets}$   
(D)  $\frac{\text{Size of basic sheets}}{\text{Size of press sheets}} = \text{Number of pieces produced}$
65. The device which helps the printed to communicate graphically and clarify the visual image :
- (A) Monitor (B) Scanner  
(C) Camera (D) Magnetic drums



66. Which films are sensitive to all colours of light?  
(A) Blue (B) Ortho Chromatic  
(C) Monochromatic (D) Panchromatic
67. The diagram of a typical flower to which you can refer in order to make your explanation :  
(A) Bar code (B) Number shaft  
(C) Ink Train (D) Rotary numbering
68. The resistance to the everyday wear and tear that occurs as a result of production operation :  
(A) Design (B) Durability  
(C) Manning (D) Production
69. The absence of all colours gives :  
(A) Black (B) White  
(C) Grey (D) Cyan
70. We get an image of a three dimensional object on a two dimensional surface by means of :  
(A) Photographic tones (B) Typography  
(C) Line images (D) None of these
71. Which is not a character impact printer?  
(A) Dot matrix printer (B) Golf ball printer  
(C) Cylindrical printer (D) Chain printer
72. How many characters can a VDU display on one line?  
(A) 24 (B) 80  
(C) 64 (D) 40
73. Which is not a part of MS Office?  
(A) MS Word (B) MS Excel  
(C) MS Paint (D) MS Access
74. A design in which one element goes with other elements in terms of line, shape and design characteristics :  
(A) Golden rectangle (B) Syntax  
(C) Rhythm (D) Harmony

75. In a graphic design, which refers to the equilibrium and visual weight of a page :
- (A) Harmony (B) Balance  
(C) Proportion (D) Unity
76. The big - size off - set machine has its size :
- (A)  $13\frac{1}{2} \times 17''$  (B)  $5 \times 8\frac{3}{4}''$   
(C)  $17\frac{1}{2} \times 22\frac{1}{2}''$  (D)  $8\frac{1}{4} \times 10\frac{1}{2}''$
77. The type of printing in which the image areas are made into depth and the non-image areas remains in relief :
- (A) Relief printing (B) Lithography printing  
(C) Off - set printing (D) Gravure printing
78. Who invented the platen machine?
- (A) William Caxton (B) G. P. Jorden  
(C) Sho - to - Icu (D) Fredric Coeing
79. How can we break the words including prefix and suffix?
- (A) Break before prefix (B) After prefix or before suffix  
(C) Before prefix or after suffix (D) Break after suffix
80. What is SRC?
- (A) State Reorganising Committee (B) State Reorganising Commission  
(C) State Reorganisation Committee (D) State Reorganisation Commission
81. The first annual session of SNDP yogam having been held at :
- (A) Chempazhanthi (B) Varkala  
(C) Pallana (D) Arivippuram
82. Which war is the name of 'Florence Nightingale' associated with?
- (A) Cremiean war (B) Russo - Japanese war  
(C) Second World War (D) Austrian - Succession War
83. Milkha Singh stood in 1960 Olympic, in Athletics :
- (A) Eighth in 50 k.m. walk (B) Second in 400 m final  
(C) Fourth in 400 m final (D) Seventh in 800 m final

84. Which animal facing extinction as per the statistics of WWF (World Wild Fund)?  
(A) Lion (B) Tiger  
(C) Wolf (D) Leopard
85. Captain of Volunteer Corps of Guruvayoor Sathyagraham was :  
(A) K. Kelappan (B) A.K. Gopalan  
(C) Subramaniam Thiruvampur (D) T. K. Madhavan
86. 'Dandia' is a popular dance form of :  
(A) Maharashtra (B) Punjab  
(C) Gujarat (D) Rajasthan
87. Chief ore of Thorium was :  
(A) Monosite (B) Ilmonite  
(C) Titanium (D) Uranium
88. Tuberculosis is a disease affecting organ :  
(A) Intestine (B) Liver  
(C) Throat (D) Lungs
89. Head quarters of International Atomic Energy Agency (IAEA) was situated at :  
(A) Vienna (B) Geneva  
(C) Rome (D) Paris
90. Who was the father of Indian ecology?  
(A) Medha Padkar (B) M.S. Swaminathan  
(C) Prakruthi Sree Vasthava (D) Ram Deva Misra
91. Sri. Chithira Thirunal Balarama Varma, the Maharaja of travancore issued his famous 'Temple Entry Proclamation' on :  
(A) September 21, 1932 (B) November 12, 1936  
(C) November 10, 1936 (D) January 12, 1936
92. The term 'Virgrantha' is associated with :  
(A) Ajivikas (B) Charvakas  
(C) Jains (D) Pasupathas

93. Plants receive the nutrients mainly from :
- (A) Chlorophyll (B) Atmosphere  
(C) Soil (D) Light
94. UNO declared 'International Human Right Declaration' on :
- (A) 1948 December 10 (B) 1948 October 10  
(C) 1950 January 16 (D) 1950 October 16
95. Lala Lajpat Rai is the author of the book :
- (A) India divided (B) Mother India  
(C) Hind Swaraj (D) Unhappy India
96. The birth place of Ayyankali was at :
- (A) Chempazhanthi (B) Venganoor  
(C) Panmana (D) Vaikom
97. Who wrote the famous book – 'We the people'?
- (A) Nanabhoy Palkhivala (B) Kushwant Singh  
(C) T. N. Kaul (D) J.R.D. Tata
98. Plant have \_\_\_\_\_ while animals lack it :
- (A) Starch (B) Protein  
(C) Fat (D) Cellulose
99. Oxygen in our blood is transported by a protein named :
- (A) Keratin (B) Collagen  
(C) Haemoglobin (D) Myoglobin
100. The main venue of Salt Sathyagraha in Kerala was at :
- (A) Cherai (B) Payyannur  
(C) Cochin (D) Cannore
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