

**PSC Laboratory Technical  
Assistant - Printing Technology -  
VHSE Examination  
Previous Year Question Paper**

***Exam Name: Laboratory Technical Assistant -  
Printing Technology - VHSE***

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***Medium of Questions: English***



188/2015

1. The spacing between lines and paragraphs :  
(A) Hyphenation (B) Leading (C) Indenting (D) None of these
2. Estimating the number of pages a manuscript would make when set in type is :  
(A) Casting off (B) Casting in (C) Copy fitting (D) Planning
3. One Pica =  
(A) 8 points (B) 38 points (C) 12 points (D) 72 points
4. The arrangement of pages for printing to appear in proper order for folding is known as :  
(A) Registration (B) Imposition (C) Gathering (D) Layout
5. The adjoining inner margins of two facing printed pages :  
(A) Folio (B) Margin (C) Tail (D) Gutter
6. The person who design type faces ?  
(A) Composer (B) Designer (C) Editor (D) Typographer
7. In a printing press T - Squire is used in \_\_\_\_\_ section.  
(A) Layout (B) Plate making (C) Printing (D) Binding
8. \_\_\_\_\_ refers to the equilibrium and visual weight of a page.  
(A) Harmony (B) Rhythm (C) Balance (D) Contrast
9. Letter strokes that extend above the x - height of the letter :  
(A) Ascender (B) Descender (C) Counter (D) Groove

10. Small stroke that project from bottom of main character stroke is known as :  
(A) Counter (B) Ear (C) Stem (D) Serif
11. Type is an image carrier with a height of :  
(A) 1.98 inch (B) 9.18 inch (C) 0.918 inch (D) 0.981 inch
12. In typesetting more than 70% of metal is :  
(A) Tin (B) Lead (C) Antimony (D) Copper
13. Preface is added in a book as :  
(A) Text matter (B) Preliminary matter  
(C) End matter (D) Imprint matter
14. \_\_\_\_\_ may be considered as a soft proof.  
(A) Corrected proof (B) Editor's proof  
(C) Proof taken on paper (D) Proof displayed on a monitor
15. PMS stands for :  
(A) Pan - tone Matching System (B) Plate Making Software  
(C) Pre Make ready Standards (D) None of these
16. Find out the odd one :  
(A) Viscosity (B) Tack (C) pH (D) Drying Quality
17. Weight of \_\_\_\_\_ sheets of the basic sheet size of a particular paper type is called M - weight.  
(A) 250 (B) 1000 (C) 500 (D) 750
18. To print 2000 copies of a booklet having 32 pages in D 1/8 size, \_\_\_\_\_ ream of paper required without wastage.  
(A) 3 (B) 1 (C) 2 (D) 4

19. Pigments are one of the ingredients of :  
(A) Paper (B) Blanket (C) Ink (D) Dampen Solution
20. In a two cylinder mini offset, which two cylinders are joined together ?  
(A) Plate and Impression (B) Plate and Blanket  
(C) Impression and Blanket (D) None of these
21. Conventional dampening system is also known as :  
(A) Direct dampening (B) Indirect dampening  
(C) Automatic dampening (D) None of these
22. A gross of paper = \_\_\_\_\_ sheets.  
(A) 500 (B) 288 (C) 1000 (D) 144
23. Calendering is the process of :  
(A) Chipping the wood for paper making  
(B) Smoothing the paper surface  
(C) Gathering the Calendar pages  
(D) None of these
24. Reducers are examples of \_\_\_\_\_.  
(A) Pigments (B) Vehicles (C) Additives (D) None of these
25. UCR stands for :  
(A) Under Colour Removal (B) Un Coated Reams  
(C) Ultra - violet Colour Resources (D) Un - wanted Colour Recogniser
26. Automatic reel pasting system in web offset machine :  
(A) Chill rolls (B) Dancer rolls (C) Web tensioner (D) Splicer



27. Most of the web offset machines are working without Impression cylinders. Such machines are called :
- (A) In-line Press (B) Perfecting Press  
(C) Aniline Press (D) Common Impression Press
28. In the traditional colour separation method \_\_\_\_\_ are used to separate the colour from the original.
- (A) Foils (B) Densito meter (C) Filters (D) CPU
29. Measure the pH value of the dampen solution is essential to avoid :
- (A) Picking (B) Scumming (C) Doubling (D) Dot gain
30. The thickness of offset plate are ranging from \_\_\_\_\_ to \_\_\_\_\_ inch.
- (A) 0.001 - 0.020 (B) 0.01 - 0.500 (C) 0.005 - 0.030 (D) None of these
31. One among the following is design software :
- (A) Coral draw (B) M S Excel (C) M S Word (D) Tally
32. Moire' will happened, if you are not consider :
- (A) pH of dampen solution (B) Room temperature  
(C) pH of paper (D) Correct screen angle
33. The invention of \_\_\_\_\_ in 15<sup>th</sup> century paved the way for printing revolution.
- (A) Lithography (B) Offset plate (C) Movable type (D) Xerography
34. "Xerography", the Greek word means :
- (A) Cheap printing (B) Solid printing (C) Letter copying (D) Dry writing
35. The process of roughening the plate surface before coating :
- (A) Graining (B) Engraving (C) Exposing (D) Developing

36. Furniture is a line spacing material which is thicker or larger than :  
(A) 32 Points (B) 24 Points (C) 16 Points (D) 12 Points
37. According to printing industry 19<sup>th</sup> century is also known as :  
(A) The ink age (B) The paper age  
(C) Packaging age (D) None of the above
38. In a book, preface is written by :  
(A) Publisher (B) Editor (C) Expert (D) Author
39. The term paper is derived from :  
(A) Greek word (B) French word (C) German word (D) Japanese word
40. The paper manufacturing unit owned by central government in Kottayam District :  
(A) HCL (B) HLN (C) HNL (D) NHL
41. \_\_\_\_\_ is use to avoid ink transfer from the printed sheet to the back of another sheet.  
(A) Chilling unit (B) Gum (C) Anti set-off spray (D) Varnish
42. PMT is used in :  
(A) Scanner (B) Printer (C) Plate processor (D) Monitor
43. In this printing method image carrier is prepared by etching or engraving process :  
(A) Offset (B) Flexography (C) Xerography (D) Gravure
44. Blanket's hardness can be checked with :  
(A) Densito meter (B) Shore durometer  
(C) pH meter (D) Screw gauge



45. Find out the odd one :  
(A) Xerography (B) Letter press  
(C) Offset (D) Gravure
46. Generally accepted screen angle for black separation is :  
(A) 75° (B) 105° (C) 45° (D) 90°
47. The process of making holes on the printed sheets :  
(A) Guillotine (B) Perforation (C) Foiling (D) Nipping
48. Which printing method will be used to print on a glass surface ?  
(A) Sheet fed (B) Gravure (C) Flexography (D) Screen printing
49. Extension of a printing design over the edge of a sheet :  
(A) Continuous tone (B) Bleed (C) Line tone (D) Surprint
50. In an image the elements are represented by mathematical equations typically used for illustrations are :  
(A) Vector image (B) Raster image  
(C) Bit map image (D) None of these
51. The machine used to remove the swell of the back of a book :  
(A) Platten machine (B) Punching machine  
(C) Roto gravure (D) Nipping Press
52. The process of binding the magazines by stitching in the center of the spine :  
(A) Side stitching (B) Saddle stitching (C) Perfect binding (D) Case binding
53. The American engineer who invented basic technique of cutting machine :  
(A) Wilson (B) Tolbert Lanston (C) G.P. Jordan (D) Thomas Nelson

54. The uneven density of ink layer is called :  
(A) Chalking (B) Slur (C) Mottle (D) Scum
55. Polymasters are used as image carrier in :  
(A) Flexography (B) Xerography (C) Gravure (D) Mini offset
56. Glossary is added in a book as :  
(A) Text matter (B) Preliminary matter  
(C) Supplementary matter (D) None of these
57. Adhesive binding means bind with :  
(A) Metal wire (B) Thread (C) Cord (D) Gum
58. PDF refers as :  
(A) Portable document format (B) Protected document format  
(C) Portable document file (D) Protected document file
59. A translucent design impressed on paper during manufacturing and visible when paper is held to light :  
(A) Grain (B) Signature (C) Water mark (D) Trade mark
60. The board which is widely used in printing industry but not for printing purpose ?  
(A) Pulp board (B) Straw board (C) Gypsum board (D) None of these
61. The recommended screen ruling for standard newsprint :  
(A) 85 - 120 (B) 120 - 150 (C) 150 - 170 (D) 170 - 220
62. Find out the odd one :  
(A) Rubber (B) Reinforced fabric  
(C) Pulp (D) Spongy filter



63. Full sheet work is also known as :  
(A) Work and tumble (B) Work and back  
(C) Work and twist (D) None of these
64. www stands for :  
(A) World Wide Web (B) World Wide Wi-Fi  
(C) Wi-Fi Working Window (D) World Wide Window
65. Binding method that uses wires, inserted through specially punched holes along the margin :  
(A) Spiral Binding (B) Comb Binding (C) Deluxe Binding (D) Stapling
66. GSM stands for :  
(A) Grammage Measuring System (B) Gripper Side Margin  
(C) Gram per square meter (D) None of these
67. Non - printing area of a sheet meant for pulling by the mechanical fingers of a printing machine :  
(A) Clamp space (B) Gripper space (C) Bleed (D) Q.C. Strip
68. The process of obtaining an image by spreading and forcing ink through a stencil :  
(A) Xerographic printing (B) Intaglio Printing  
(C) Digital Printing (D) Screen Printing
69. The machine that gives the plate output for printing in a CTP system :  
(A) Image setter (B) Process Camera (C) Processor (D) Plate setter
70. Device used in the ink clean - up system of gravure and flexographic printing :  
(A) Ink Knife (B) Doctor blade (C) Ductor roller (D) Fountain keys

71. Assembled making sheet with attached pieces of films :  
(A) Flat (B) Dummy (C) Butter sheet (D) None of these
72. Tool in the shape of an icon available in computer application which helps select and eliminate part of an image :  
(A) Slice Select Tool (B) Move Tool  
(C) Crop Tool (D) Healing Brush Tool
73. The part of lower case letters excluding ascenders and descenders :  
(A) X - height (B) Base line (C) Stem (D) Serif
74. A small preliminary sketch of ideas with a possible arrangement of elements :  
(A) Rough layout (B) Final layout  
(C) Comprehensive layout (D) Thumb nail sketch
75. Printers that operates by firing spots of ink on paper :  
(A) Dot matrix (B) Ink jet (C) Laser (D) None of these
76. Radical Balance is :  
(A) Asymmetrical balance (B) Informal balance  
(C) Symmetrical balance (D) None of these
77. Pasting a polythene layer on the paper surface is known as :  
(A) Lamination (B) Embossing (C) Varnishing (D) U.V. coating
78. \_\_\_\_\_ types of ink are widely used in high speed web printing.  
(A) U.V. inks (B) Moisture - set ink  
(C) Magnetic ink (D) Heat - set ink



79. Most of the packaging industry uses \_\_\_\_\_ printing process.  
(A) Offset (B) Gravure (C) Flexography (D) Screen printing
80. \_\_\_\_\_ are used to cut the paper in to a desired shape in packaging.  
(A) Cutting machine (B) Dies  
(C) Three side trimmer (D) None of these
81. Which state of India has the largest number of seats reserved for the Scheduled Tribes in the Lok Sabha ?  
(A) Uttar Pradesh (B) Madhya Pradesh  
(C) Himachal Pradesh (D) Maharashtra
82. The name 'Vagabhadananda' was given to V.K. Gurukkal by :  
(A) Sivayogi of Alathur (B) Kumaranasan  
(C) Mannathu Padmanabhan (D) Sree Narayana Guru
83. Which Indian Singer is popularly known as 'Swar Kokila' ?  
(A) Sujatha (B) Chithra  
(C) Latha Mangeshkar (D) Asha Bhonsle
84. Kuriakose Elias Chavara was beatified in :  
(A) 1985 (B) 1986 (C) 1988 (D) 1987
85. Which of the following states has the least sea side area ?  
(A) Kerala (B) Tamil Nadu (C) Gujarat (D) Goa
86. 'To Change the Namboothiri into Human' was the Slogan of :  
(A) Atmiya Sangham (B) Ananda Mahasabha  
(C) Yogakshema Sabha (D) Sahodara Sangham



87. The Nobel Prizes are distributed on \_\_\_\_\_ every year.  
(A) December 10 (B) December 1 (C) December 9 (D) December 11
88. The Government honoured which renowned industrialist by releasing commemorative coins to mark the 175<sup>th</sup> birth anniversary ?  
(A) Ratan Tata (B) Dirubhai Ambani  
(C) Jamshetji Nusserwanji (D) Aditya Birla
89. Which space Mission won the 2015 space Pioneer Award of the US based National Space Society ?  
(A) Chandrayan 1 (B) Mangalayan (C) G - SAT 12 (D) G - SAT 16
90. Who wrote the Introduction to 'Nalini' written by Kumaranasan ?  
(A) Pandit Karuppan (B) Dr. Palpu  
(C) A.R. Rajaraja Varma (D) Marthanda Varma
91. Who among the following is the Speaker of the Lok Sabha ?  
(A) Sumithra Mahajan (B) Mira Kumar  
(C) Sushma Swaraj (D) Uma Bharati
92. Who established places of worship known as 'Nizhal Thangal' ?  
(A) Chattampi Swamikal (B) Ayyankali  
(C) Kumaranasan (D) Ayya Vaikuntar
93. The Cherambadi pass connects Kerala with \_\_\_\_\_.  
(A) Coorg (B) Chennai (C) Madurai (D) Bangalore
94. Name the most important Nationalist Organization before Congress :  
(A) Bengal Association (B) Bombay Association  
(C) Indian Association of Calcutta (D) Indian Association of Madras

95. The famous Manmankam festival was celebrated at :  
(A) Aluva (B) Tirunavaya (C) Kappad (D) Chaliyar
96. Name the Anglo - Indian paper that was started from Allahabad in 1865 :  
(A) The Harijan (B) The Chronicle (C) The Deccan (D) The Pioneer
97. Who was the leader of the Forward Bloc ?  
(A) Veer Savarkar (B) Subhash Chandra Bose  
(C) C.R. Das (D) Bipin Chandra Pal
98. The distance between Sabarmati Ashram and Dandi is :  
(A) 322 kms (B) 319 kms (C) 318 kms (D) 320 kms
99. Whose signature is found on a ₹ 50 currency note in India ?  
(A) President of India (B) Finance Minister  
(C) Governor of RBI (D) Prime Minister of India
100. The Goodwill Ambassador of the 35<sup>th</sup> National Games :  
(A) P.T. Usha (B) Mohanlal (C) Ammu (D) Sachin Tendulkar

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