

205/23

Question Booklet Alpha Code

A

Question Booklet Sl. No.

Total Number of Questions : 100

Time : 90 Minutes

Maximum Marks : 100

INSTRUCTIONS TO CANDIDATES

1. The Question Paper will be given in the form of a Question Booklet. There will be four versions of Question Booklets with Question Booklet Alpha Code viz. **A, B, C & D**.
2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the Question Booklet.
3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
4. If you get a Question Booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator **IMMEDIATELY**.
5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your Question Booklet is un-numbered, please get it replaced by new Question Booklet with same alpha code.
6. The Question Booklet will be sealed at the middle of the right margin. Candidate should not open the Question Booklet, until the indication is given to start answering.
7. Immediately after the commencement of the examination, the candidate should check that the Question Booklet supplied to him/her contains all the 100 questions in serial order. The Question Booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
8. A blank sheet of paper is attached to the Question Booklet. This may be used for rough work.
9. **Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.**
10. Each question is provided with four choices **(A), (B), (C)** and **(D)** having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.
11. **Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.**
12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

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A

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1. Which device is used for print quality and register control in web offset machine ?

A) Synchroscope	B) Densitometer
C) Eye glass	D) Front lay

2. A wheel shaped device containing 36 wedge shaped spokes which radiate from the centre.

A) Sensitivity guide	B) Slur gauge
C) Star Target	D) None of the above

3. Cross marks used for

A) Registration	B) Colour correction
C) Dot gain	D) Pressure checking

4. Name the base of (actual) colour given below.

A) Saturation	B) Humidity
C) Hue	D) Value

5. In visible spectrum wavelength 1/3 absorb and 2/3 reflect. Mention the reflected colour.

A) Hi Fi colour	B) Secondary colour
C) Primary colour	D) Tertiary colour

6. Electromagnetic radiation's wavelength from 400 millimicrons-700 millimicrons called

A) Radio wave	B) TV signals
C) Short wave	D) Light

7. Which colour get from mixing equal amount of CYM ?

A) Black	B) Yellow gray
C) Neutral gray	D) Bluish gray

8. In process colour printing which colour is key colour ?

A) Cyan	B) Magenta
C) Yellow	D) Black

9. Which one is the image carrier given below ?

A) Plate	B) Star Target
C) Blanket	D) CTP

17. Which alcohol is used for alcohol dampening solution ?
 A) Iso propyl
 B) Iso propylene
 C) Iso benzyl
 D) Iso benzyl propyl
18. Mention the chemical ingredient used in blanket cleaner.
 A) Methelene
 B) Methyl Benzene Ketone
 C) Methyl Benzene
 D) Methyl Ethyl Ketone
19. Name the equipment take paper from the front lay to the impression cylinder.
 A) Grippers
 B) Forwarding roller
 C) Feed board
 D) None of these
20. Whether the statement is correct or not. "Increase or decrease the plate packing directly change the image size".
 A) True
 B) Not true
 C) Partially true
 D) Not affected
21. Mention which type of printing wants, 'Kiss' impression.
 A) Lithographic
 B) Nip printing
 C) Intaglio
 D) Flexography
22. After a few copies printed, image from the plate vanished. Can you identify the problem ?
 A) Plate bending
 B) Image wear
 C) Chalking
 D) Slurring
23. A printer print poster, but he saw an image appear on the backside of the paper.
 A) Piling
 B) Scumming
 C) Picking
 D) Set off
24. In process colour printing which filter is used to produce black plate.
 A) Lens
 B) Red
 C) Blue
 D) Green
25. Mention the name, during designing when cutting off parts photograph that are not to be printed
 A) Scaling
 B) Photo retouching
 C) Cropping
 D) None of the above



26. Wipe-on plates are
- A) Subsurface plate
 - B) Deep etch plate
 - C) Surface plate
 - D) Biometal plate
27. Brain of the computer is
- A) CPU
 - B) Arithmetic and Logic unit
 - C) UPS
 - D) Hard disk
28. The list of books or sources which the author consulted for writing a book is
- A) Glossary
 - B) Bibliography
 - C) Appendix
 - D) Preface
29. A large single sheet is frequently passed through a printing press and then folded and trimmed to form a portion of a magazine or book. This process is called
- A) Signature imposition
 - B) Ganged imposition
 - C) One side imposition
 - D) Work and Tumble imposition
30. Example for System Software (OS)
- A) GIMP
 - B) AutoCAD
 - C) Photoshop
 - D) UNIX
31. Example for Word Processing Software
- A) Quark Xpress word
 - B) Solid Works Writer
 - C) Open Office Writer
 - D) Lightwave word
32. Full form of CMM is
- A) Computer Multimedia Monitor
 - B) Colour Management Module
 - C) Computerized Machine Maintenance
 - D) Colour Monitoring Module
33. In a book, the page presents the full title including the subtitle, author's name, publishers name, logo etc, is called
- A) Copy Right
 - B) Preface
 - C) Frontispiece
 - D) Forward
34. Pixels contained graphic images are called
- A) Raster Images
 - B) Vector Images
 - C) Corel Images
 - D) Line Images

43. In type point system, 6 picas equal to
- A) 1 inch
 - B) 72/1 inch
 - C) 1/72 inch
 - D) 1 cm
44. In a section, _____ is the distance pages need to move from the spine to accommodate paper thickness and folding.
- A) Gutter
 - B) Cross over
 - C) Spine gap
 - D) Creep
45. Full form of CTP
- A) Computer To Plate
 - B) Conventional Thermal Plate
 - C) Computerized Thermal Plate
 - D) Computer To Print
46. The ink that is used in currency notes is made from
- A) Fluorescent pigments and chemicals
 - B) Synthetic products
 - C) Organic pigments
 - D) Inorganic pigment
47. Describe the function of feeder in offset printing
- A) Image transferring
 - B) Paper runs through the press correctly
 - C) Printing
 - D) Transfer to delivery unit
48. Roller wash is used for removing _____ from paper.
- A) Ink
 - B) Water
 - C) Dirt
 - D) Alcohol
49. The function of blanket in web offset is
- A) Transfer ink to paper
 - B) Transfer an image from plate to paper
 - C) Transfer image to non image area
 - D) Distribute ink to roller

50. Write the material used to prevent ink accumulation in non image areas.
- A) Ink
 - B) Gum Arabic
 - C) Dirt
 - D) Alcohol
51. The device used to control the speed of elevation of pile table
- A) Pile board
 - B) Pile height governor
 - C) Sucker foot
 - D) Registration board
52. The idea of planning and working with tools that help the manufacturer to get the most output of your idea
- A) Work procedure
 - B) Work management
 - C) Work handling
 - D) Work flow
53. The printing press that offers high quality prints at a lower cost per page is known as
- A) Offset
 - B) Lithography
 - C) Intaglio
 - D) Flexography
54. From the following please select the organic pigments used in making printing ink.
- A) Soy-based
 - B) Carbon based
 - C) Nickel-based
 - D) Chromium based
55. For corrugated cardboard boxes and food package printing _____ inks is mainly in use.
- A) Flexographic
 - B) Synthetic
 - C) Organic
 - D) Inorganic
56. Medium Weight Coated paper (MWC) has grammage up to
- A) 80-130 g/m²
 - B) 70 g/m²
 - C) 72 g/m²
 - D) 70-200 g/m²
57. The coating that adheres to the body of plate cylinder is made up of which metal ?
- A) Chromium
 - B) Aluminium
 - C) Steel
 - D) Iron

58. The paper that has fewer negative impacts on environment
- A) Wrapping paper
 - B) Eco friendly paper
 - C) Recycled paper
 - D) Carbon paper
59. In paper making machine the water marks in paper are created by which part ?
- A) Headbox
 - B) Wire
 - C) Dandy roller
 - D) Cylinder gap
60. The four major colours (CMYK) are arranged in one by one sequence, the press is known as
- A) Common impression cylinder
 - B) Stack press
 - C) Web press
 - D) Inline press
61. The function of anti-setoff spray in delivery unit is to
- A) To avoid paper tearing
 - B) To avoid setoff
 - C) To avoid paper sticking to backside of printed paper above
 - D) To control delivery of sheets
62. Size of an A4 size paper is
- A) 212 × 299 mm
 - B) 210 × 297 mm
 - C) 220 × 480 mm
 - D) 360 × 297 mm
63. The short term for optical character recognition
- A) UDT
 - B) Scanner
 - C) OCR
 - D) TTR
64. The term CTP is abbreviated as
- A) Cathode tube print
 - B) Computer to print
 - C) Copy to print
 - D) Crop to print

73. The device used to remove surplus ink without damaging the surface of image in gravure printing
- A) Ink duct
 - B) Doctor blade
 - C) Ductor roller
 - D) Form roller
74. Name the image carrier in offset
- A) Printing plate
 - B) Cylinder
 - C) Drum
 - D) Type
75. The offset presses that do not use dampening solution
- A) Web offset
 - B) Waterless offset
 - C) Sheet fed
 - D) Duplicators
76. Who invented offset printing in 1798 ?
- A) Alois Senefelder
 - B) Ira Rubel'
 - C) Guttenberg
 - D) Tsai Lun
77. UV ink is dried by
- A) Ink dries and solvent is evaporated into air
 - B) Dry by reacting with water
 - C) Pass under a strong source of UV light
 - D) By a chemical reaction that cause molecules to combine
78. The automatic control system for register and ink quality and dampening systems and other controls is called
- A) Press console
 - B) Festoon
 - C) Splicer
 - D) Web Break
79. Hiedelberg-is the manufacturer of
- A) Web offset
 - B) Festoon
 - C) Sheet fed offset
 - D) Multi color offset
80. An advantage of green printing
- A) Use products that harm environment
 - B) Use plastics that are not biodegradable
 - C) Reduces the use of harmful inks and use recyclable materials
 - D) Use ink made from harmful materials

81. Book and cover are separately made and the book is inserted in the cover is known as
- A) Letterpress Binding
 - B) Case Binding
 - C) Manifold Binding
 - D) Library Binding
82. Covering materials like leather or Calico is covered one fourth part on the back side including spine and corners of the book is called
- A) Quarter Bound
 - B) Full Bound
 - C) Half Bound
 - D) Quarter Cloth Turned in
83. Which of the following is not used for materials for Book Binding ?
- A) Ink agitator
 - B) Tape
 - C) Egg Albumin
 - D) Animal glues
84. Which type of end paper design prevents the extra drags of the cover with the book ?
- A) Single end paper
 - B) Double end paper
 - C) Cloth joint end paper
 - D) Zig Zag end paper
85. GSM between 150 & 600 is known as
- A) Card
 - B) Board
 - C) Paper
 - D) Crown
86. Any book which is covered with a thick card or paper is known as
- A) Board cover edition
 - B) Marbling edition
 - C) Gauffering edition
 - D) Paper back edition
87. A series of small cuts or slits in the substrate using various types of blades or wheels are called
- A) Perfecting
 - B) Perforating
 - C) Slitting
 - D) Performing

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88. _____ is a method of transferring a thin layer of metallic tone or colour to a substrate using heat and pressure.
- A) Stamping
B) Scoring
C) Die-cutting
D) Creasing
89. The bonding of two or more materials together to become one common unit is called
- A) Varnishing
B) Drilling
C) Laminating
D) Numbering
90. In the binding department which tool is used for rounding and backing of the Book ?
- A) Bodkin
B) Brushes
C) Hammers
D) Tenon saw
91. Which of the following is not the basic functions of packaging ?
- A) Containment
B) Protection
C) Communication
D) Artificial Improvement
92. Poly Ethylene Terephthalate (PET) is used popularly in
- A) Manufacture of buckets
B) Manufacture of drink containers
C) Manufacture of plastic bags
D) Manufacture of detergent bottles
93. Bubble wrap is used to packing
- A) Electronic items
B) Milk
C) Semi solid foods
D) Soft drinks
94. Which Carton style is preferred for cosmetic boxes needs better graphic design opportunities ?
- A) Four panel style boxes
B) Reverse Tuck End
C) Straight Tuck End
D) Neither of these

95. Packaging which designed to be used only once is called
- A) Consumer packaging
 - B) Non-returnable packaging
 - C) Automatic lock bottom
 - D) One way packaging
96. Resistor is an
- A) Electronic component
 - B) Electrical component
 - C) Electrical and electronic component
 - D) Neither of these
97. A _____ amplifies, oscillates or switches the flow of current between two terminals.
- A) Capacitor
 - B) Diodes
 - C) Transformer
 - D) Transistor
98. Which of the following is a rigid body capable of rotating on a point on itself ?
- A) Helical gear
 - B) Worm gear
 - C) Lever
 - D) Shaft
99. Drawing made without the use of drawing instrument is known as
- A) Freehand sketching
 - B) Instrumental drawing
 - C) Lettering
 - D) Dimensioning
100. Fourth angle projection is a type of
- A) Isometric projection
 - B) Rectangle projection
 - C) Orthographic projection
 - D) Hexagonal pyramid
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Space for Rough Work

