

## FINAL ANSWER KEY

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Question1:-Photo chemical engraved or etched plates are used is \_\_\_\_\_ type of printing process.

- A:-Gravure
- B:-Flexo
- C:-Screen
- D:-Lithography

Correct Answer:- Option-A

Question2:-Name the small shroke projects out from the top or bottom of the main shroke.

- A:-Fillet
- B:-Ear
- C:-Serif
- D:-Counter

Correct Answer:- Option-C

Question3:-Who designed the offset press for indirect lithography ?

- A:-Gutenberg
- B:-Ira Rubel
- C:-Charles Caxton
- D:-Allois Senefelder

Correct Answer:- Option-B

Question4:-The process of arranging a book's page so that once printed signature sheets are folded and trimmed, the pages will appear in the correct order.

- A:-Imposition
- B:-Gathering
- C:-Collating
- D:-Stripping

Correct Answer:- Option-A

Question5:-Two or more connected letters is the same type body are called

- A:-Kerning
- B:-Ornamental
- C:-Ligature
- D:-Counter

Correct Answer:- Option-C

Question6:-Name the technique used for changing a black and white continuous tone image is to multicolour reproduction

- A:-UCR
- B:-Colour correction
- C:-Shade
- D:-Posterisation

Correct Answer:- Option-D

Question7:-3D printers use file formats called \_\_\_\_\_ used to share 3D objects files for feeding to a 3D printer.

- A:-Electrography
- B:-Sterio lithography
- C:-Xenography
- D:-Tritone

Correct Answer:- Option-B

Question8:-The term Hue means

- A:-Saturation
- B:-Value of a colour
- C:-Base pigment or colour
- D:-Additive

Correct Answer:- Option-C

Question9:-\_\_\_\_\_ filter is used for producing yellow plate.

- A:-Black
- B:-Red
- C:-Green
- D:-Blue

Correct Answer:- Option-D

Question10:-Identify the neutral colour from the following.

- A:-Grey
- B:-Violet
- C:-Purple
- D:-Yellow

Correct Answer:- Option-A

Question11:-In page setting the space between two pages or white space between columns is known as

- A:-Margins
- B:-Spine
- C:-Ruler
- D:-Gutter

Correct Answer:- Option-D

Question12:-Identify an imposition software from the following.

- A:-Line imposition
- B:-Quick imposition
- C:-Impose once
- D:-Flat imposition

Correct Answer:- Question Cancelled

Question13:-The range of colours that can be generated within a colour system is known as

- A:-Colour wheel
- B:-Additive colours
- C:-Colour gamut
- D:-Colour corrections

Correct Answer:- Option-C

Question14:-In printing, the stretching of halftone dots caused by a slipping of the cylinders is called

- A:-Star target
- B:-Slur
- C:-Dot grain
- D:-Scum

Correct Answer:- Option-B

Question15:-Name the instrument used to view dots of any size in a printing industry

- A:-Magnifying glass
- B:-Densitometer
- C:-Colorimeter
- D:-Dot grain

Correct Answer:- Option-A

Question16:-Name the universally accepted method for colour mixing

- A:-Pantone colour matching system

B:-Universal colour correction

C:-Colourimeter

D:-Colour fidelity

Correct Answer:- Option-A

Question17:-Most appropriate software used as a layout programme in the following

A:-Adobe Photoshop

B:-Adobe Pagemaker

C:-Adobe InDesign

D:-Corel-Draw

Correct Answer:- Option-C

Question18:-Identify the open software used for page layout.

A:-Scribus

B:-GIMP

C:-Inkscape

D:-Corel Draw

Correct Answer:- Option-A

Question19:-Linotype machines used for

A:-Letter casting

B:-Line casting

C:-Page casting

D:-Letter typing

Correct Answer:- Option-B

Question20:-A smooth change between two or more specified colours is known as

A:-grey scaling

B:-Hue

C:-Gradient

D:-Saturation

Correct Answer:- Option-C

Question21:-The group of pages on each side of the signature is called

A:-Flat

B:-Plate

C:-File

D:-Form

Correct Answer:- Option-D

Question22:-Name the printing method in which dry ink is used.

A:-Screen printing

B:-Relief printing

C:-Gravure

D:-Xenography

Correct Answer:- Question Cancelled

Question23:-Identify the commonly used term for the material receiving the print.

A:-Flat

B:-Plate

C:-Type

D:-Substrate

Correct Answer:- Option-D

Question24:-Name the imaging system that takes fully paginated digital materials and expose this information to plates without creating the films.

A:-Direct imaging

B:-CTP

C:-USB

D:-Print production

Correct Answer:- Option-B

Question25:-NIPs have images without direct physical contact between the printing mechanism and the substrate. What is NIP ?

A:-National Integration Programme

B:-National Imaging

C:-Non Impact Printing

D:-Non Image Printing

Correct Answer:- Option-C

Question26:-Graphic elements used in producing normal printed products is called

A:-Design

B:-Pre press

C:-graphics

D:-Art work

Correct Answer:- Option-D

Question27:-Define SMPS.

A:-Standard Multicolour Printing Surface

B:-Switched Mode Power Supply

C:-Switched Modular Power System

D:-Switched Molecule Point System

Correct Answer:- Option-B

Question28:-OCR stands for

A:-Organsations Chart Report

B:-Ornamental Character Reasoning

C:-Ornamental Font Design

D:-Optical Character Recognition

Correct Answer:- Option-D

Question29:-Name the popular web image format from the following.

A:-JPEG

B:-PDF

C:-SVG

D:-PSD

Correct Answer:- Option-A

Question30:-Identify the device which is not used as a quality control device in printing industry.

A:-GATF QC strip

B:-Bolometer

C:-Slur gauge

D:-Star target

Correct Answer:- Option-B

Question31:-Name the tool in Acrobat and the printers commonly used the term to check the files before sending it out to the printer.

A:-CTP

B:-DTP

C:-Preflight

D:-Raster

Correct Answer:- Option-C

Question32:-Expand ICC profile of an image.

A:-International Colour Correction

B:-International Cricket Council

C:-International Colour Consortium

D:-Indirect Colour Correction

Correct Answer:- Option-C

Question33:-The image areas are \_\_\_\_\_ in lithographic plates.

- A:-Hydrophilic
- B:-Oleophilic
- C:-Oleophobic
- D:-Hygroscopic

Correct Answer:- Option-B

Question34:-Photopolymer plates are used in \_\_\_\_\_ platemaking.

- A:-Flexographic
- B:-Screen Printing
- C:-Xenographic
- D:-Ionographic

Correct Answer:- Option-A

Question35:-Bitmap images are also referred to as \_\_\_\_\_ images.

- A:-Vector
- B:-PDF
- C:-Trapped
- D:-Raster

Correct Answer:- Option-D

Question36:-There are several ink drying methods in printing. List out the ink drying method in which the vehicle is absorbed into the substrate.

- A:-Oxidation
- B:-Penetration
- C:-Polymerisation
- D:-Oxidation

Correct Answer:- Option-B

Question37:-The main ingredient of paper is

- A:-Optic fibre
- B:-Synthetic fibre
- C:-Cellulose fibre
- D:-Natural fibre

Correct Answer:- Option-C

Question38:-A perfecting blanket to blanket press has \_\_\_\_ plate cylinders and \_\_\_\_\_ blanket cylinders.

- A:-2, 3
- B:-2, 2
- C:-3, 2
- D:-3, 3

Correct Answer:- Option-B

Question39:-The basic ingredient of a dampening solution is

- A:-Acid
- B:-Water
- C:-Fungicide
- D:-Drying stimulator

Correct Answer:- Option-B

Question40:-A direct rotary printing method that uses relief image printing plates made of rubber or photopolymer material.

- A:-Flexography
- B:-Letter press printing
- C:-Gravure printing
- D:-Screen printing

Correct Answer:- Option-A

Question41:-The first step in 'Print production work flow' is

- A:-Logistics

B:-Creative production

C:-Printing

D:-Idea and concept

Correct Answer:- Option-D

Question42:-Identify the wrong statement regarding screen printing.

A:-Production cost is comparatively low

B:-Any number of colours can be printed

C:-Rate of production speed comparatively larger

D:-Printing can be done on any shaped substrate

Correct Answer:- Option-C

Question43:-In printing, the practice of using renewable energy resources, reducing the use of energy and greenhouse emissions and using recycled materials is termed as

A:-Green printing

B:-Recycled printing

C:-Vegetable printing

D:-Versatile printing

Correct Answer:- Option-A

Question44:-Pick out the non impact printing method.

A:-Flexography

B:-Ionography

C:-Lithography

D:-Calligraphy

Correct Answer:- Option-B

Question45:-A printing process in which the ink is transferred from a sunken surface

A:-Letter press printing

B:-Gravure printing

C:-Screen printing

D:-Electrophotography

Correct Answer:- Option-B

Question46:-Ink is made up of different ingredients. The ingredient which provides colour to the ink is

A:-Vehicle

B:-Additives

C:-Pigment

D:-Preservatives

Correct Answer:- Option-C

Question47:-In four colour printing, the fourth colour which can also be formed by the mixing of other three colours.

A:-Cyan

B:-Black

C:-Yellow

D:-Magenta

Correct Answer:- Option-B

Question48:-The person who developed the offset press which is designed for indirect lithography ?

A:-Allois Senefelder

B:-Ira Rubel

C:-Johann Guttenberg

D:-Charles Babbage

Correct Answer:- Option-B

Question49:-The ink system rollers and the blankets get shiny and hard and as a result it loses its ability to absorb ink. This is known as

A:-Glazing

B:-Swelling

C:-Set off

D:-Emulsification

Correct Answer:- Option-A

Question50:-An offset lithographic press system that does not use a dampening system during the printing process

A:-Perfecter presses

B:-Digital presses

C:-Sheetfed presses

D:-Waterless presses

Correct Answer:- Option-D

Question51:-For multicolour printing, different types of web offset presses are used. The type of offset press which has several plate cylinders positioned around a single large diameter cylinder is known as

A:-Common impression cylinder press

B:-Blanket to blanket press

C:-In-line press

D:-Tower press

Correct Answer:- Option-A

Question52:-The type of ink that are usually used for printing on dark coloured papers. This type ink will prevent the colour of the substrate from influencing the ink colour.

A:-Magnetic ink

B:-Opaque ink

C:-Fluorescent ink

D:-Soy ink

Correct Answer:- Option-B

Question53:-The device used for measuring the hardness of a rubber blanket is

A:-Rockwell hardness tester

B:-Sceleroscope

C:-Shore durometer

D:-Forcemeter

Correct Answer:- Option-C

Question54:-One of the parts given below is not a part of gravure printing unit.

A:-Printing cylinder

B:-Doctor blade

C:-Impression cylinder

D:-Blanket cylinder

Correct Answer:- Option-D

Question55:-A leading Indian offset machine manufacturer

A:-Heidelberg

B:-Komori

C:-AB Dick

D:-HMT

Correct Answer:- Option-D

Question56:-The type of offset press which are typically used for long run works including the printing of large daily newspapers.

A:-Sheet-fed presses

B:-Web presses

C:-Two cylinder presses

D:-Three cylinder presses

Correct Answer:- Option-B

Question57:-The conventional manual plate processing techniques have been largely replaced by this technique which is capable of automatic imaging and processing different plate materials.

A:-CTP

B:-RIP

C:-CMS

D:-CMM

Correct Answer:- Option-A

Question58:-The inking roller in an offset press, which is in direct contact with the plate cylinder.

- A:-Ductor roller
- B:-Distribution roller
- C:-Fountain roller
- D:-Form roller

Correct Answer:- Option-D

Question59:-One of the methods used to prepare a printing cylinder in gravure printing

- A:-Laser beam engraving
- B:-Solvothermal process
- C:-Interfacial polymerisation
- D:-Controlled condensation

Correct Answer:- Option-A

Question60:-'Printing with Master' is also known as

- A:-Impact printing
- B:-Non-impact printing
- C:-Ink-jet printing
- D:-Computer to print

Correct Answer:- Option-A

Question61:-We must be careful about the storage of paper due to its hygroscopic nature. The store room should be with a

- A:-High relative humidity
- B:-Low relative humidity
- C:-Moderate relative humidity
- D:-High temperature

Correct Answer:- Option-C

Question62:-A sheet fed offset printing machine will have four units. From the given below options pick out the one that is not a unit of offset machine.

- A:-Registration unit
- B:-Feeding unit
- C:-Delivery unit
- D:-Colour management unit

Correct Answer:- Option-D

Question63:-ISO or International Paper Sizes are denoted in

- A:-Centimeters
- B:-Millimeters
- C:-Inches
- D:-Meters

Correct Answer:- Option-B

Question64:-Screen printing stencils can be prepared using different methods. The stencil which is most suited for an image with complex and high quality line details.

- A:-Hand cut stencils
- B:-Tusche and glue stencils
- C:-Photographic stencils
- D:-Cylindrical screens

Correct Answer:- Option-C

Question65:-In flexographic printing press there is a metal or ceramic roller engraved with cells that carry ink

- A:-Plate cylinder
- B:-Fountain roller
- C:-Impression cylinder
- D:-Anilox roller

Correct Answer:- Option-D

Question66:-Presses that can print more than one colour during a single pass are referred to as multicolour presses. It will have



- A:-a single printing unit
- B:-a series of single printing units
- C:-only a series of single plate cylinders
- D:-only a series of single blanket cylinders

Correct Answer:- Option-B

Question67:-The system in an offset press which moisten the plate consistently throughout the press run

- A:-Inking system
- B:-Dampening system
- C:-Distribution system
- D:-Roller system

Correct Answer:- Option-B

Question68:-When compared to gravure printing ink, screen printing ink is

- A:-Thinner
- B:-Thicker
- C:-Same viscosity
- D:-Same dimensional stability

Correct Answer:- Option-B

Question69:-The best printing method for 'high quality', 'short run', 'customized' colour printing

- A:-Gravure printing
- B:-Flexographic printing
- C:-Digital printing
- D:-Letterpress printing

Correct Answer:- Option-C

Question70:-Papers with different quality are available in the market. Shelf life and print quality are considered in categorising the paper. Pick out the lowest grade paper.

- A:-Newsprint
- B:-Bond paper
- C:-Cover paper
- D:-Book paper

Correct Answer:- Option-A

Question71:-All preparation from mounting the image carrier on the press to obtain an acceptable image on the press sheet is

- A:-Make ready
- B:-Casting out
- C:-Estimation
- D:-Job schedule

Correct Answer:- Option-A

Question72:-The sheets of same weight and surface finish as the final sheet that are used for initial press set up is termed as

- A:-Packing sheets
- B:-Make ready sheets
- C:-Masking sheets
- D:-Proofing sheet

Correct Answer:- Option-B

Question73:-Name of the feeder that works on front separation principle

- A:-Stream feeder
- B:-Single sheet feeder
- C:-Continuous feeder
- D:-Alternate feeder

Correct Answer:- Option-B

Question74:-Name of the rollers found in an Offset machine, which are in direct contact with printing plate

- A:-Dandy roller
- B:-Ductor roller

C:-Form roller

D:-Dwell roller

Correct Answer:- Option-C

Question75:-Which of the following statement is/are correct about Auto Plate loading ?

- i) Plate changeover can take place on all printing unit at the same time.
- ii) The operator has to lift the guard and put the lead edge of the plate in to the clamp.
- iii) No operator related error will occur.

A:-Only (ii and iii)

B:-Only (i and iii)

C:-All the above (i, ii and iii)

D:-Only (i and ii)

Correct Answer:- Option-D

Question76:-Calculate the press cost to print 16000 pamphlets (Design size : 4.5" x 7.5", size of pamphlet : 5.5" x 8.5") printed in four colours on one side on 120 GSM art paper which cost Rs. 55/kg of 23" x 36" basic sheet size. Gripper and cutting allowance one inch. (Assume cost for one exposed plate is Rs. 350 and printing cost for 1000 impressions for one colour is Rs. 250).

A:-20920

B:-20290

C:-20925

D:-20300

Correct Answer:-Question Cancelled

Question77:-Any particle that sticks to the blanket or plate that transfers an imperfection to the printed page is called

A:-Chalking

B:-Pilling

C:-Hickies

D:-Ghosting

Correct Answer:- Option-C

Question78:-Which of the following is/are causes the printing problem "Blinding" in offset printing ?

- i) Excess gum in fountain solution
- ii) Excess fountain rollers
- iii) Fountain solution too acidic

A:-Only (i and ii)

B:-Only (ii and iii)

C:-All of the above (i, ii and iii)

D:-Only (i and iii)

Correct Answer:- Option-D

Question79:-Choose the remedies to rectify the printing problem "Tinting" ?

- i) Check the pH of fountain solution
- ii) Add varnish to increase tack
- iii) Use moisture resistant stock

A:-Only (i and iii)

B:-Only (i and ii)

C:-All the above (i, ii and iii)

D:-Only (ii and iii)

Correct Answer:- Option-B

Question80:-The failure of the rollers to transport ink is generally known as

A:-Swelling

B:-Ghosting

C:-Mottling

D:-Glazing

Correct Answer:- Option-D

Question81:-The deposit of unwanted, excess ink and paper residue on either the plate or blanket is

A:-Piling

B:-Slurring

C:-Tinting

D:-Setoff

Correct Answer:- Option-A

Question82:-A quality control device used to indicate dot reproduction of half tones and process colours

- A:-Gray balance patch
- B:-Screen finder
- C:-Dot gain scale
- D:-Star target

Correct Answer:- Option-C

Question83:-Which of the following statement is/are correct about cloth joint end paper ?

- i) The cloth joint end paper has one waste sheet, two paste down sheets, one stiff leaf, and two fly leaf.
- ii) Three folded sheets are used to prepare one cloth joint end paper.
- iii) This end paper is sewn with the book as first and last section.

- A:-Only (ii and iii)
- B:-Only (i and ii)
- C:-All the above (i, ii and iii)
- D:-Only (i and iii)

Correct Answer:- Option-D

Question84:-All the operation after sewing up to covering is called

- A:-Ware housing
- B:-Covering
- C:-Finishing
- D:-Forwarding

Correct Answer:- Option-D

Question85:-The process of binding the writing material is called

- A:-Letter press binding
- B:-Library binding
- C:-Stationery binding
- D:-Miscellaneous binding

Correct Answer:- Option-C

Question86:-Which of the following is/are correct about Gauffering ?

- i) Solid gilt edges are cut in to different patterns.
- ii) The book is kept under a weight board, golden colour is applied with a brush evenly through the edges.
- iii) Gauffering is done with small hot tools.

- A:-Only (ii and iii)
- B:-Only (i and ii)
- C:-All of the above (i, ii and iii)
- D:-Only (i and iii)

Correct Answer:- Option-D

Question87:-Calculate the quantity of paper in reams for making 15,000 books of Demy octavo size. Each book contains 480 pages. Double demy paper is used for the production of books.

- A:-400
- B:-450
- C:-500
- D:-425

Correct Answer:- Option-B

Question88:-Name of the paper folding machine that operates by forcing a sheet between two rollers and causing it to curve

- A:-Knife folder
- B:-Parallel folder
- C:-Buckle folder
- D:-Accordion folder

Correct Answer:- Option-C

Question89:-Which of the following statement is/are correct about foil stamping ?

- i) The process that create a three-dimensional raised image on substrate by pressing it between two dies.
- ii) It is a letter press process that transfers a thin layer of metallic tone to a substrate using heat and pressure.
- iii) The relief image presses against the foil and the combination of heat and pressure transfers the metallic coating on the foil film to substrate.

- A:-Only (i and ii)

B:-Only (ii and iii)

C:-All of the above (i, ii and iii)

D:-Only (i and iii)

Correct Answer:- Option-B

Question90:-A process in which a thin film of plastic with an adhesive coating is bonded to a printed substrate is called

A:-Varnishing

B:-Stamping

C:-Lamination

D:-Embossing

Correct Answer:- Option-C

Question91:-Which of the following statement is/are correct about head band in book binding ?

i) An open weave cotton cloth for good adhesive penetration, pasted the ends of book.

ii) Head bands were used by book binders to align book signatures and strengthen the ends of a book.

iii) Head banding is done by the sewing a cord on to the backbone behind the boards, which secures the signatures together more firmly.

A:-Only (i and iii)

B:-Only (i and ii)

C:-All of the above (i, ii and iii)

D:-Only (ii and iii)

Correct Answer:- Option-D

Question92:-Which of the following statement is/are correct about Blister packs ?

i) The blister is adhered on to a printed paper board backing on which the product information is displayed.

ii) When heat is applied, it shrinks tightly over whatever it is covering.

iii) Double blisters are formed around both sides of product allowing for complete product visibility.

A:-Only (i and ii)

B:-Only (i and iii)

C:-All of the above (i, ii and iii)

D:-Only (ii and iii)

Correct Answer:- Option-B

Question93:-Name of the wave shaped structure that provides strength to reinforced corrugated board

A:-Flute

B:-Pipe

C:-Bubble

D:-Shrink

Correct Answer:- Option-A

Question94:-A material made up of polymer plastic film, when heat is applied, it contracts tightly over whatever it is covering is called

A:-Bubble wrap

B:-Shrink wrap

C:-Blister wrap

D:-Vacuum pouch

Correct Answer:- Option-B

Question95:-Which type of binding is an example of pocket book ?

A:-Perfect binding

B:-Half cloth

C:-Quarter cloth

D:-Case binding

Correct Answer:- Option-A

Question96:-Which of the following statement is/are correct about diode ?

i) Diode is an electronic device that restricts current flow chiefly to one direction.

ii) Diode is a passive electronic component used to make a time delay in a circuit.

iii) Diodes are some times used as rectifiers.

A:-Only (i and ii)

B:-Only (i and iii)

C:-All of the above (i, ii and iii)

D:-Only (ii and iii)

Correct Answer:- Option-B

Question97:-Name an electrical component that limits or regulates the flow of electrical current in an electronic circuit.

A:-Capacitor

B:-Diode

C:-Resistor

D:-Transformer

Correct Answer:- Option-C

Question98:-The most common type of gears and have straight teeth and are parallel to the axis of the wheel

A:-Spur gear

B:-Worm gear

C:-Bevel gear

D:-Helical gear

Correct Answer:- Option-A

Question99:-Which of the following statement is/are correct about Hydraulics ?

i) Hydraulic systems are commonly powered by compressed air.

ii) Hydraulics deals with the mechanical properties of fluid.

iii) The major components that make up a hydraulic system are the reservoir, pump, valves and actuators.

A:-Only (i and ii)

B:-Only (i and iii)

C:-All of the above (i, ii and iii)

D:-Only (ii and iii)

Correct Answer:- Option-D

Question100:-The drawing gives exact details of object to be manufactured is called

A:-Free hand drawing

B:-Free hand sketching

C:-Finished drawing

D:-Instrumental drawing

Correct Answer:- Option-D