

PROVISIONAL ANSWER KEY

NAME OF THE POST

Manager, Government Printing and Stationary, Class I,

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Note: Candidate must ensure the compliance to send all suggestion in the given format with reference to this paper with provisional answer key only.

101. Which of the following non fibrous materials is added in the pulp?
- (A) Fillers (B) Colourants  
(C) Internal sizing material (D) All of the above mentioned
102. What is creep?
- (A) Adjusting the page layout of inner spreads to maintain a constant outer margin when the saddle stitched booklet is trimmed.  
(B) To cut off parts of a picture or image.  
(C) Printed lines showing where to trim a printed sheet.  
(D) Joining images without overlapping.
103. What is the full form of TAPPI?
- (A) Teaching Association of Printed Product Industry.  
(B) Technical Association of Printed Product Industry.  
(C) Temporary Association of Paper & Pulp Industry.  
(D) Technical Association of Pulp & Paper Industry.
104. In inventory management, which of the following is not an inventory carrying cost?
- (A) Property Tax (B) Insurance Cost  
(C) Record Keeping and Storage Cost (D) Tender Document Cost
105. What is bleed?
- (A) Printing that goes to the edge of the sheet after trimming.  
(B) An image pressed into a sheet without ink or foil.  
(C) Joining images without overlapping.  
(D) Printed lines showing where to trim a printed sheet.
106. As per ABC analysis which of the following items are high valued but less in quantity?
- (A) C - Items (B) D - Items  
(C) A - Items (D) B - Items

107. Maintenance of printing machine consists of :  
(A) replacement of components (B) repair of components  
(C) servicing of components (D) All of the above mentioned
108. What is the reason to apply gum to the plate?  
(A) To protect it from oxidation  
(B) To increase the no. of impressions from the plate  
(C) To develop the plate after exposing.  
(D) None of the above
109. The downtime cost consists of :  
(A) loss of production (B) wages paid  
(C) reduction in sales (D) All of the above mentioned
110. What is the advantage of preventive maintenance?  
(A) Increases labour cost (B) Increases down time  
(C) Reduces down time (D) Reduces accident possibilities
111. What is moiré in printing?  
(A) Two or more periodic screen patterns improperly superimposed.  
(B) Desirable pattern forming while printing.  
(C) Light sensitive coating found on printing plates.  
(D) Uncoated paper with textured surface.
112. Which of the following is a non confidential printing :  
(A) University question papers printing (B) Budget printing  
(C) Calendar printing (D) Lottery ticket printing
113. Which of the following will resist ink flow?  
(A) Vehicle (B) Viscosity  
(C) Toning (D) Working
114. Which type of adhesion takes place while cementing to-gather rough and porous surface?  
(A) Physical (B) Specific  
(C) Chemical (D) Hygroscopic
115. Which security feature is added during paper manufacturing?  
(A) Lamination (B) Watermark  
(C) Numbering (D) Hallmark
116. In which area Gujarat state purchase policy emphasises?  
(A) Digital India (B) Import of Goods  
(C) Make in India (D) Export of Raw Material
117. As per Factories Act 1948, who has ultimate control over the affairs of the factory?  
(A) Manager (B) Owner  
(C) Director (D) Occupier

118. How many persons are there in National Tribunal, as per Industrial Dispute Act?  
 (A) Six (B) One  
 (C) Four (D) Three
119. Who appoints National Tribunal, as per Industrial Act?  
 (A) Employee (B) State Government  
 (C) Central Government (D) Employer
120. Which type of maintenance is beneficial in News Paper Printing?  
 (A) Breakdown maintenance (B) Preventive maintenance  
 (C) No maintenance (D) Direct replacement of machine
121. Which gear has teeth cut straight across the gear and is the cylinder drive gear?  
 (A) Spur gear (B) Worm gear  
 (C) Helical gear (D) Remington gear
122. How many sheets are there in one Gross. (With reference to binding)  
 (A) 122 (B) 144  
 (C) 166 (D) 225
123. What is the expansion of www?  
 (A) world wrighting web (B) world wise web  
 (C) world wide web (D) world web wise
124. How a computer on internet is identified?  
 (A) By IP address (B) By home address of the user  
 (C) By office address of the user (D) By email address
125. Which of the following describes Internet Explorer?  
 (A) Compiler (B) Operating System  
 (C) Browser (D) Designing Software
126. Which of the following is not a search engine?  
 (A) Yahoo (B) Bing  
 (C) Google (D) Windows
127. What is the meaning of IP in internet terminology?  
 (A) Internet Provider (B) Internet Protocol  
 (C) Internet Printing (D) Internet Procedure
128. What is the expansion of GCR with reference to colour correction?  
 (A) Green Colour Replacement (B) Green Colour Retouching  
 (C) Gray Component Retouching (D) Gray Component Replacement
129. What is the other name of Stochastic Screening?  
 (A) AM Screening (B) RIP  
 (C) FM Screening (D) DOT Gain

130. What is the expansion of UCR in graphic reproduction?  
 (A) Under Color Recording (B) Unstable color removing  
 (C) Unit Color Retouching (D) Under Color Removal
131. Purpose of applying dampening solution is :  
 (A) to desensitize the plate (B) to oxidize the plate  
 (C) to reduce the non image area (D) to burn non image area
132. Which of the following is an indirect printing process?  
 (A) Flexography (B) Lithographic Offset  
 (C) Letterpress (D) Gravure
133. Which roller alternatively contacts the ink fountain roller and the first roller or the ink train?  
 (A) Ductor (B) Form roller  
 (C) Fountain roller (D) None of the above
134. Which of the following is used to make a squeeze?  
 (A) Mercury (B) Diazo  
 (C) Polyurethane (D) Glass
135. What is the number of image carriers required for Hexachrome Printing?  
 (A) Four (B) Two  
 (C) Five (D) Six
136. Which 3 major cylinders are used in offset printing?  
 (A) Plate, Inking, Dampening (B) Inking, Impression, Dampening  
 (C) Dampening, Plate, Blanket (D) Plate, Blanket, Impression
137. In which of the following packaging method air is first removed from package prior to sealing?  
 (A) Vacuum Packaging (B) Blister Packaging  
 (C) Carton Packaging (D) Wooden Box Packing
138. Which of the following is an advantage of Aseptic Packaging?  
 (A) Requires refrigeration (B) Protect nutritional content  
 (C) Growth of micro organism (D) Less life
139. Which of the following is the plastic film manufacturing process?  
 (A) Bright film extrusion process (B) Burn film extrusion process  
 (C) Blown film extrusion process (D) Glow extrusion process
140. What is the expansion of FFS with reference of packaging?  
 (A) Fill Form Seal (B) Form Fill Seal  
 (C) Film Form Stitch (D) Form Fill Stitch

141. What it means when we say CTP having in Line Punch?  
 (A) Punch to position the plate in the press  
 (B) Punch to hold the plate in CTP drum  
 (C) Both the above  
 (D) None of the above
142. Which binding operation quality is checked by Flex Test?  
 (A) Side sewing (B) Perfect binding  
 (C) Punching (D) Center sewing
143. In gravure printing ESA stands for :  
 (A) Extra Static Arc (B) Electronic Static Arm  
 (C) Electro Static Assist (D) Extra Smart Assist
144. Which CTP technology is widely used now a days?  
 (A) Thermal (B) Violet  
 (C) Inkjet (D) All the above
145. On which printing machine Anilox roller is used?  
 (A) Screen printing machine (B) Ink Jet printing machine  
 (C) Gravure printing machine (D) None of the above
146. What is being exposed to laser in the positive working P S Plate?  
 (A) Non image area (B) Image area  
 (C) Both of the above mentioned (D) None of the above mentioned
147. What is the expansion of TIFF?  
 (A) Tagged Information File Format (B) Tipped Image File Format  
 (C) Tagged Image File Format (D) Tilt Image File Format
148. What is printing at least one colour on both sides of a sheet in a single pass through a press?  
 (A) Perfecting (B) Offset press proofing  
 (C) Sheet fed printing (D) Duplicator
149. What is the expansion of PPI?  
 (A) Pixels Per Image (B) Pictures Per Inch  
 (C) Pixels Per Inch (D) All of the above
150. Which of the following is used to measure the viscosity of ink?  
 (A) CoLa (B) Litmus  
 (C) Zahn (D) Tissue paper
151. The blanket from two printing units are in contact with the paper passing between the two blanket is called what?  
 (A) Blanket to blanket press (B) Overlay press  
 (C) Nip (D) Duplicator machine

152. Which of the following is used to convert continuous tone origin into halftone on reproduction camera?  
(A) Lens (B) Bellows  
(C) Contact screen (D) Prism
153. According to additive colour theory, Blue light plus green light in equal proportion will give :  
(A) Magenta (B) Cyan  
(C) Yellow (D) Black
154. Process of checking of the gathered forms are in correct sequence, is called :  
(A) Collating (B) Gathering  
(C) Binding (D) Pressing
155. The positive film used in screen making must be :  
(A) Emulsion free  
(B) Blank  
(C) Wrong reading from emulsion side  
(D) Right reading from emulsion side
156. Which of the following is not a part of reproduction camera?  
(A) Lens (B) Copy Board  
(C) Raster Image Processor (D) Bellows
157. Which fold is always made parallel to the preceding fold?  
(A) Parallel fold (B) Zigzag fold  
(C) Cross fold (D) Combination fold
158. Which of the following is not an inventory?  
(A) Raw material (B) Finished goods  
(C) Machine (D) Semi finished goods
159. What is Histogram in Adobe Photoshop?  
(A) Graphs showing relative distribution of pixels of various densities in an image  
(B) Controls the history of actions done in the Photoshop file.  
(C) Both the above  
(D) None of the above
160. In India for printing materials, jobs etc. GST will be applicable. GST stands for :  
(A) Goods Sales Tax (B) Government Sales Tax  
(C) Goods and Services Tax (D) Government Service Tax
161. In imposition the left side page having even number is called as :  
(A) Recto (B) Verso  
(C) Besto (D) Master

162. What is Hue?  
(A) Value of colour (B) Name of colour  
(C) Lightness of colour (D) Saturation of colour
163. What is WAN with reference to computer?  
(A) World Area Network (B) Wide Area Network  
(C) Web Area Network (D) Web Alert Network
164. To convert Latent image on the plate it is necessary to :  
(A) Gum the plate (B) Develop the plate  
(C) Grain the plate (D) Expose the plate
165. What is the expansion of CCD with reference to Flat Bed Scanner?  
(A) Charge Coupled Device (B) Capacitor Coupled Device  
(C) Capacitor Core Device (D) Charge Capacitor Digit
166. The reason of SET OFF is :  
(A) Presence of dust in delivery unit (B) Slow drying ink  
(C) Loose paper fibbers (D) Low folding strength of paper
167. Which of the following product will need maximum folding strength?  
(A) Newspaper (B) Currency Note  
(C) Notepad (D) Text Book
168. Which of the following is used for UV curing inks to dry?  
(A) X-Ray (B) Ultraviolet Light  
(C) Gamma Rays (D) Infra Red Light
169. In paper manufacturing Titanium Dioxide is used as :  
(A) Filler (B) Solvent  
(C) Sizing material (D) Fibre
170. Ink film thickness depends upon :  
(A) Printing process (B) Method of ink drying  
(C) Type of substrate (D) All of the above mentioned
171. The optimum temperature in the pressroom is between :  
(A) 10°C to 15°C (B) 20°C to 25°C  
(C) 40°C to 50°C (D) 05°C to 10°C
172. Which chemical of the following is added in to dampening solution to reduce surface tension of water?  
(A) Calcium Carbonate (B) Methanol  
(C) Benzene (D) Isopropyl Alcohol
173. Which of the following is related to working principle of stroboscope?  
(A) Persistence of vision (B) Oil and water do not mix properly  
(C) Under color removal (D) None of the above

174. Which country organises DRUPA exhibition?  
(A) England (B) Germany  
(C) India (D) China
175. Which of the following machine is used to make flute from craft paper?  
(A) Corrugation machine (B) Ball mill  
(C) Three roll mill (D) Micro plough mill
176. The number of threads in one square inch of screen fabric, measured in both directions is called as :  
(A) ppi (B) Exposure count  
(C) Mesh count (D) Halation count
177. Which of the following machine is used to manufacture paste ink?  
(A) Ball mill (B) Flour mill  
(C) Three roll mill (D) Lathe machine
178. Bin cards are used in stores to :  
(A) Clean the racks (B) Maintain record of material  
(C) Decorate the store (D) Play games
179. Which of the following will have maximum optical density?  
(A) Yellow (B) Magenta  
(C) Black (D) Cyan
180. To increase profit a printing press should have :  
(A) High production cost (B) Lowest inventory & investment  
(C) Poor customer service (D) High distribution cost
181. Carbon black is used in printing inks as :  
(A) Drier (B) Resin  
(C) Solvent (D) Pigment
182. As per Apprenticeship Act 1961, the minimum age of apprentice is :  
(A) 10 years (B) 12 years  
(C) 14 years (D) 18 years
183. Too much acid in the dampening solution will cause :  
(A) Plate Blinding (B) Plate Scumming  
(C) Roller Stripping (D) Image Ghosting
184. In Coreldraw which key is used to group element?  
(A) Shift + G (B) Alt + G  
(C) Ctrl + G (D) Shift + Alt + G
185. Choose correct word which means enlarging or reducing image.  
(A) Filter (B) Raster  
(C) Scaling (D) Repeat

186. Which instrument is used for colour measurement of the print?  
(A) Colorimeter (B) Colour Control Bar  
(C) Specular Control Meter (D) Barrometer
187. Which of the following is an extension of Photoshop file?  
(A) .pdf (B) .ppt  
(C) .cdr (D) .psd
188. What is the correct objective of Industrial Dispute Act?  
(A) To provide canteen facility (B) To prevent illegal strike.  
(C) To provide water facility (D) To encourage strike
189. In CIE Lab, the L value denotes :  
(A) Log (B) Lightness  
(C) Latitude (D) Less
190. What most commonly occurs when highly dry paper is processed in low air humidity conditions?  
(A) Static charge (B) Electric charge  
(C) Positive charge (D) Negative charge
191. 3D printing is also known as :  
(A) Subtractive Manufacturing Process  
(B) Offset Printing Process  
(C) Comparative Dimension Screen Printing  
(D) Additive Manufacturing Process
192. What is the expansion of EPS?  
(A) Encapsulated Post Script (B) Enriched Printing Standard  
(C) External Printing Server (D) European Printing Standard
193. What is used to give colour to the ink?  
(A) Oil (B) Resin  
(C) Pigment (D) Drier
194. Which cylinder / drum carries the plate to contact inking rollers?  
(A) Plate cylinder (B) Impression cylinder  
(C) Oscillating drum (D) Transfer drum
195. Joining of expiring web to new web is called as :  
(A) Winding (B) Cutting  
(C) Splicing (D) Rewinding
196. PMT used in drum scanning stands for :  
(A) Print Minus Tube (B) Photo Multiplier Tube  
(C) Photo Minus Tube (D) Print Mono Tube

197. What is the expansion for ICC in graphic industry?  
**(A)** International Colour Consortium      **(B)** International Cricket Council  
**(C)** Internet Colour Compiler      **(D)** None of the above
198. Why free transform tool is used in Coreldraw?  
**(A)** To rotate      **(B)** To scale  
**(C)** To skew      **(D)** All of above mentioned
199. Which one of the following is not a duty of supervisor in a large printing press?  
**(A)** Maintaining print quality      **(B)** Ensuring timely delivery  
**(C)** Work allocation      **(D)** Recruitment
200. In which printing process the image and non image areas are on the same plane?  
**(A)** Lithography      **(B)** Gravure  
**(C)** Intaglio      **(D)** Letterpress
201. An apprentice is not entitled for (As per Apprenticeship Act, 1961) :  
**(A)** Stipend      **(B)** Weekly off  
**(C)** Bonus      **(D)** None of the above
202. Which of the following industry is not exempted from paying EMD in Government bidding process as per Gujarat State Purchase Policy?  
**(A)** Small      **(B)** Cottage  
**(C)** Large      **(D)** Micro
203. Related to waste management of plastic & other materials “3 R” stands for :  
**(A)** Recycle, Rotate, Remake      **(B)** Reduce, Remote, Reuse  
**(C)** Reduce, Reuse, Recycle      **(D)** Reuse, Rotate, Reinsert
204. What is the proportion of absolute moisture content in relation to the highest possible moisture at a given temperature, called :  
**(A)** Relative humidity      **(B)** Humidity  
**(C)** Temperature      **(D)** Conductivity
205. According to Plastic Waste Management Rule, 2016, published by Ministry of Environment & Forest; the minimum thickness of carry bag should be :  
**(A)** 100 microns      **(B)** 30 microns  
**(C)** 50 microns      **(D)** 80 microns
206. Cobb test is performed to test :  
**(A)** Tensile strength of paper      **(B)** Water absorbency of paper  
**(C)** Tearing strength of paper      **(D)** Bursting strength of paper
207. What occurs when sheets of normally humid paper are subjected to highly dry air?  
**(A)** Tight edges      **(B)** Loss edges  
**(C)** Wavy edges      **(D)** Broken edges

208. Page no is also known as :
- (A) Verso (B) Recto  
**(C) Folio** (D) Format
209. Which of the following tools is used to engrave gravure cylinder by electromechanical process?
- (A) Plastic stylus **(B) Diamond stylus**  
(C) Wooden stylus (D) Metallic stylus
210. Which of the following is the cheapest paper?
- (A) Art paper (B) Handmade paper  
**(C) New print paper** (D) Card sheet
211. What is the type of machine configuration where printing units are vertically arranged?
- (A) Inline **(B) Stack**  
(C) CIC (D) Y Type
212. Printers day is celebrated on :
- (A) 16<sup>th</sup> January (B) 15<sup>th</sup> December  
**(C) 24<sup>th</sup> February** (D) 30<sup>th</sup> March
213. In intensively printed areas, if the drying temperature is too high or the paper is sensitive to such problems, this can lead to :
- (A) Blistering** (B) Puckering  
(C) Picking (D) Set off
214. In electrophotography latent image is formed on :
- (A) Offset drum (B) Nozzle  
**(C) Photoconductor drum** (D) Ink reservoir
215. Which process of printing is used for variable data printing :
- (A) Offset printing (B) Flexography printing  
**(C) Electrophotography** (D) Screen printing
216. What improves the optical properties of paper?
- (A) Coating** (B) Loose fibres  
(C) Linting (D) Trapping
217. Which of the following is a warm colour?
- (A) Green (B) Violet  
(C) Blue **(D) Red**
218. What is the hardened metal ring attached to the sides of cylinder body or journal called?
- (A) Bearer** (B) Cam  
(C) Gear (D) All of the above
219. The light sensitive coating applied to a sheet of film is called as :
- (A) Film base (B) Substrate  
(C) Acetate **(D) Emulsion**

220. Which colour theory is used for printing on substrate?  
 (A) Multicolor (B) Black  
 (C) Additive (D) Subtractive
221. Which fold is made at right angles to the previously made fold?  
 (A) Cross fold (B) Parallel fold  
 (C) Zigzag fold (D) Combination fold
222. What is the expansion of BOPP film?  
 (A) Biopen Poly Propylene  
 (B) Biaxially Original Polypropylene  
 (C) Biaxially Operated Polypropylene  
 (D) Biaxially Oriented Polypropylene
223. What is the device used to first grip the edge of the plate and then to pull it tight against the cylinder body?  
 (A) Plate clamp (B) Double sheet detector  
 (C) Brush wheels (D) Bosses
224. What is the expansion of PET?  
 (A) Poly Propylene Terephthalate (B) Poly Ethylene Terephthalate  
 (C) Poly Ether Triacetate (D) Poly Ether Trimethylsilicate
225. Which of the following is required in aseptic packaging?  
 (A) Sterilization of product (B) Sterilization of machine and material  
 (C) Sterilization of Environment (D) All of the above mentioned
226. Which of the following packaging is popularly used for packaging of tablet (strips)?  
 (A) Shrink packaging (B) Skin packaging  
 (C) Stretch packaging (D) Blister packaging
227. Which of the following helps to eject the sheet from cutting die after punching?  
 (A) Rolling (B) Rotating  
 (C) Rubbering (D) Boxing
228. Write expansion of FIFO with reference to inventory control :  
 (A) First In For Office (B) First In For Out  
 (C) Fist In First Out (D) None of the above
229. Select expansion of EOQ with reference to inventory management :  
 (A) Efficient Order Quantity (B) Economical Open Quantity  
 (C) Efficient Operating Quantity (D) Economic Order Quantity
230. The cost of Insurance and Taxes are included in :  
 (A) Set up cost (B) Machine cost  
 (C) Inventory cost (D) Cost of ordering

231. Physical verification of store is essential in order to :
- (A) Ensure correctness of stock (B) Avoid shortage of material  
(C) Check losses due to pilferage (D) All of the mentioned above
232. What is the expansion of RFID?
- (A) Radio Frequency Identification (B) Rotating Film Identification  
(C) Reverse Frequency Increment (D) Radio Format Identification
233. What is the expansion of JPEG?
- (A) Join Picture Expert Group (B) Join Photographic Extra Group  
(C) Joint Photographic Experts Group (D) Joint Picture Expert Graphic
234. Write the expansion of PPI with reference to printing?
- (A) Pixels Per Inch (B) Pictures Per Inch  
(C) Pixels Per Image (D) Pictures Per Image
235. In work and turn imposition scheme on which axis the paper is turned over?
- (A) Short (B) Long  
(C) Diagonal (D) North
236. In the gravure printing, the doctor blade is used for :
- (A) Cutting the image on cylinder.  
(B) Removing excess ink from substrate.  
(C) Cutting the substrate.  
(D) Removing excess ink from printing cylinder.
237. On which side of the book adhesive is applied, on a perfect binding machine?
- (A) Head (B) Tail  
(C) Spine (D) Fore edge
238. After folding the forms are termed as :
- (A) Signatures (B) Initials  
(C) Center mark (D) Cutting mark
239. Which of the following statement of Gujarat Purchase Policy, 2016 is true?
- (A) Only machine can be imported.  
(B) Raw material, machines, technology can be imported.  
(C) Only Raw material can be imported.  
(D) Nothing can be imported.
240. Which graphic original does not have tonal gradation?
- (A) Photographs (B) Continuous tone original  
(C) Line original (D) Reprinted original

241. The possibility of creasing the paper inside at the head of the last fold, (while folding thick papers) is called :
- (A) Puckering (B) Gusseting  
**(C) Marking** (D) Cutting
242. Why lubrication is necessary during maintenance of printing machine?
- (A) To reduce friction of moving parts (B) To reduce accidents  
 (C) To reduce wear and tear **(D) All of the above mentioned**
243. What is the unit of measurement of viscosity?
- (A) Watt (B) Hertz  
 (C) Angstrom **(D) Poise**
244. What is the series of rollers that contact the printing plate to transfer ink, called :
- (A) Form Roller** (B) Transfer Roller  
 (C) Oscillating Roller (D) Duct Roller
245. Which of the following device on reproduction camera, controls the amount of light reaching the film?
- (A) Ground Glass **(B) Lens Aperture**  
 (C) Copy Board (D) Vacuum Pump
246. What is the diameter of star target?
- (A) 10 m **(B) 10 mm**  
 (C) 10 cm (D) 100 cm
247. The time period between placing order to its receipt in stock is known as :
- (A) Carrying Time **(B) Lead Time**  
 (C) Shortage Time (D) Over Time
248. Which of the following machine has a pressure clamp?
- (A) Punching machine (B) Folding machine  
 (C) Ruling machine **(D) Cutting machine**
249. Which of the following is used as an adhesive substance on perfect binding machine?
- (A) Rice (B) Gum arabic  
**(C) Hot melt** (D) IPA
250. Why chrome plating of image carrier is done in gravure printing?
- (A) To improve softness (B) To improve wettability  
**(C) To improve hardness** (D) To improve roughness
251. Which printing process uses paste inks?
- (A) Gravure (B) Flexography  
 (C) Inkjet **(D) Lithographic offset**

252. What is the maximum hours that an adult can work, as per Factory Act?  
(A) 60 hours (B) 45 hours  
(C) 48 hours (D) 35 hours
253. As per Factory Act, 1948, a person who has not completed 15 years of age, is called :  
(A) Adolescent (B) Teenage  
(C) Child (D) Adult
254. Factory Act, 1948 is not related to :  
(A) Health of employee (B) Welfare provision  
(C) Insurance of employee (D) Safety of employee
255. Which of the following industry is governed by Industrial Act?  
(A) Hospital (B) Education and Training Institute  
(C) Charitable Service Center (D) Large Printing Industry
256. Where do the Labour Court Tribunal and National Tribunals submit their awards of the dispute?  
(A) Appropriate Government (B) Central Government  
(C) Employer (D) Employee
257. Which of the following will transport the paper in between printing units?  
(A) Transfer cylinder (B) Chains  
(C) Skeleton wheels (D) Crank shaft
258. Select benefit of corrugated board as packaging material, from the following :  
(A) It provides cushioning (B) It gives protection  
(C) It is recyclable (D) All of the above mentioned
259. Which of the following method is used for manufacturing bottles :  
(A) Slab sheeting (B) Flow moulding  
(C) Extended flow moulding (D) Extrusion blow moulding
260. Which coloured dot on package indicates vegetarian food ?  
(A) Blue (B) Yellow  
(C) Green (D) Brown
261. What is the A4 size paper in millimetre?  
(A) 210 x 197 (B) 215 x 297  
(C) 220 x 297 (D) 210 x 297
262. Which type of cutter is used for cutting relatively small quantity of paper in special sizes?  
(A) Guillotine (B) Three knife trimmer  
(C) Continuous trimmer (D) Hand saw

263. Image area in lithography must be :  
 (A) Oleophilic & Hydrophilic (B) Oleophobic & Hydrophobic  
 (C) Oleophobic & Hydrophilic (D) Oleophilic & Hydrophobic
264. Why vacuum frame is used in plate exposing unit?  
 (A) To keep plate moving  
 (B) To have perfect contact between film and plate  
 (C) To develop the plate  
 (D) To expose non emulsion side of the plate
265. Which value indicates the percentage of reflected light with a defined angle of incidence?  
 (A) Gloss (B) Picking  
 (C) Thickness (D) Transmission
266. Why graining is done?  
 (A) To create peaks and vallies on metal surface  
 (B) To smoothen plate  
 (C) To make the plate surface hydrophilic  
 (D) To develop the plate
267. Which image carrier is used in relief printing?  
 (A) Photosensitive aluminium plate (B) Nyloplates  
 (C) Cloth (D) Light sensitive drum
268. Which of the following is an extension of coreldraw file?  
 (A) .cxx (B) .pdf  
 (C) .cdr (D) .psd
269. On which factor dot gain depends?  
 (A) Ink Rheology  
 (B) Blanket  
 (C) The paper surface and its absorption / ink setting behaviour  
 (D) All mentioned above
270. Which of the following software is not used in graphic designing?  
 (A) Coreldraw (B) Photoshop  
 (C) Talley (D) Illustrator
271. What is used to detect dot gain or dot loss?  
 (A) Registration mark (B) Cutting mark  
 (C) Folding mark (D) Star target
272. What is the exact superimposition of the print images on either side of substrate with no geometric difference?  
 (A) Register (B) Imposition  
 (C) Colour correction (D) Plate registration

273. How many points are there in a PICA?  
 (A) 06 (B) 16  
 (C) 12 (D) 72
274. What/Which area of the plate is affected by Dark Reaction?  
 (A) Highlight area (B) Shadow area  
 (C) Exposed area (D) All areas on plate
275. What is the ability of a wet, printed ink film to accept another wet ink film printed over it is called?  
 (A) Wet trapping (B) Dry trapping  
 (C) Trapping (D) None of the above
276. What is the expansion of DPI ?  
 (A) Design Per Inch (B) Drawing Per Inch  
 (C) Digits Per Inch (D) Dots per Inch
277. What is the expansion of LPI?  
 (A) Lines Per Image (B) Lines Per Inch  
 (C) Lines Pixels Inch (D) None of the above
278. What is the sequence of cutting on single knife cutting machine?  
 (A) Back edge – Head – Tail (B) Fore edge – Tail – Head  
 (C) Head – Fore Edge – Back edge (D) Back edge – Tail – Fore edge
279. What is the full form of LASER?  
 (A) Light Amplitude by Simultaneous Emission of Radiation  
 (B) Light Amplification by Stimulated Emission of Radiation  
 (C) Light Amplification by Small Electrical Radiation  
 (D) Light Amplitude of Smart Electronic Radiation
280. What is the expansion for CIE?  
 (A) Commission Internationale De-L'eclairage  
 (B) International Commission on Illumination  
 (C) All the above  
 (D) None of the above
281. Which of the following are attributes of color?  
 (A) Red, Green, Blue (B) Hue, Saturation, Value  
 (C) Yellow, Magenta, Cyan (D) Warm, Cool
282. Which of the following is not an impact printing process?  
 (A) Letter Press (B) Ink Jet  
 (C) Offset (D) Gravure

283. What is the expansion of RIP with reference to printing?  
 (A) Red Image Processor (B) Raster Image Processor  
 (C) Raster Internal Processor (D) Raster Interchange Processor
284. Write expansion of MICR?  
 (A) Metallic ink Code Recognition (B) Metallic Inter Code Reader  
 (C) Magnetic Inter Character Reader (D) Magnetic Ink Character Recognition
285. Orthochromatic Film is not sensitive to which of the following light?  
 (A) Blue (B) Red  
 (C) Green (D) White
286. "Show through" property of paper is indirectly proportional to :  
 (A) Tensile strength of paper (B) Opacity of paper  
 (C) Tear strength of paper (D) Folding strength of paper
287. Gravure printing process is also called as :  
 (A) Stencil process (B) Planography process  
 (C) Intaglio process (D) Lithography process
288. What is the meaning of weight in grams per square meter under conditioned circumstances :  
 (A) Basis weight (B) Roughness  
 (C) Brightness (D) Opacity
289. On gravure image carrier, the image area is in :  
 (A) Relief (B) On same plane  
 (C) Recess (D) None of the above
290. What is the function of Auto Plate Processor?  
 (A) Manual processing of plate  
 (B) Automatic processing of plate after exposure  
 (C) Automatic processing of plate developing  
 (D) Automatic image generation on plate
291. What is the desired pH of papers in order to meet ideal requirements for printing?  
 (A) 7.0 (B) 5.0  
 (C) 8.0 (D) 10.0
292. Which of the following is not a characteristic of bitmapped image?  
 (A) Images is more realistic.  
 (B) Enlarged image shows brick like structure.  
 (C) Uses mathematical equation for curve and line.  
 (D) Image is formed with pixels.

293. Which of the following is vector based designing software?  
(A) Photoshop (B) Coreldraw  
(C) Paint brush (D) Talley
294. Moveable type was introduced by :  
(A) Jonnes Guttenberg (B) Davis Katherinehell  
(C) Malcom Guentert (D) Davis Ronaldo
295. Why Ctrl + S key is used in Photoshop?  
(A) Sharpen file (B) Send email  
(C) Export file (D) Save file
296. Why Ctrl + P key is used?  
(A) Paint (B) Delete  
(C) Crop (D) Print
297. Lithography was invented by :  
(A) Alloys Senefelder (B) Richard Kevenski  
(C) William Wolfgang (D) Mathias Kuressi
298. In graphic designing the meaning of thumbnail is :  
(A) Coloring art on thumb nail.  
(B) Drawing thumb image in the graphic file.  
(C) Small image representation of larger image.  
(D) Using nail while handling software.
299. What is used to make the paper surface extra smooth and glossy?  
(A) Calendaring (B) Glazing  
(C) Drying (D) Colour matching
300. The expansion of PDF is :  
(A) Printable Document Format (B) Portable Document Format  
(C) Print Dot File (D) Printable Definition Format