

## ANSWER KEY

### INTEXT ANSWERS UNIT 1

1. Paper Mache is a crafting technique that recycles waste paper to create a variety of decorative and utilitarian objects
2. Paper Mache was brought to India in the late 14th century by Persian Sufi mystic Mir Sayyed Ali Hamdani and was adopted in Kashmir in the 15th century by King Zain-ul-Abidin
3. Paper Mache is lightweight, economical, environment friendly, easy to handle and durable
4. Paper Mache masks of Lord Jagannath are extremely popular in Odisha. The Chhau folk dancers of West Bengal use Paper Mache masks of many mythological Gods and Goddesses. Tamil Nadu is famous for making dolls in Paper Mache for various festivals, especially Christmas
5. Five recyclable materials:  
Plastic ball, plastic tub, apron, brushes, gloves  
  
Five non-recyclable materials:  
Rice flour, chalk powder, acrylic colours, adhesive, powdered gold paint
6. Five tools and materials needed to make pulp:  
Rice flour, plastic tub, mortar and pestle, gas or induction stove, waste paper  
  
Five tools and materials needed to smoothen and paint Paper Mache objects:  
Sandpaper, lacquer, acrylic colours, chalk powder, brushes

### INTEXT ANSWERS UNIT 2

1. Sakhta is the Kashmiri term for paper pulp which is made from waste paper and is used as the base material for Paper Mache craft

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2. Old used paper like notebook pages, magazine pages, diary pages etc.
3. Boil water in a vessel. Add rice flour to the boiling water. Keep stirring the mixture till a slightly thick, smooth and sticky paste is formed. Make sure there are no lumps
4. There should be no impurities or lumps or threads in the pulp after the pounding is over. All impurities need to be detected and removed before mixing the Sakhta with the rice glue. The pulp needs to be dried in the sun before mixing with the rice glue

The rice glue should not have lumps, should not be too tight or too watery and should be sticky

## INTEXT ANSWERS UNIT 3

1. Plaster of Paris, wood and metal
2. Wrap the plastic ball with waste paper and seal the ends with rice glue
3. Wrap the ball with a one centimetre layer of pulp and make it as perfectly round in shape as possible. Let the ball shape partially dry in the sun. While still a bit moist, use the wooden block to pat and smoothen the surface. Allow the ball to dry. When fully dry, use a small saw to cut the ball into two halves. Remove the plastic ball from inside. Seal the two halves neatly together with adhesive
4. Gently slide out the can from within the Sakhta pen holder once it is fully dry

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### INTEXT ANSWERS UNIT 4

1. Sandpaper and pebble stone or pumice stone
2. Irani Gulab (dense rose), Gul-i-hazaara (a thousand flowers), Bagal Daar (platter of flowers), Chinar (five pointed leaf of Kashmir) and Jungle Tarah (jungle scene with animals)
3. First, coat the whole surface with a base colour. Allow to dry. Coat the base colour with lacquer to seal it. Allow to dry. Paint the motifs as per the design planned with one colour at a time. Make the details and outlines with a gel pen of a contrasting colour. Add the other finer details with a very thin brush. Add gold paint in the end for giving a shiny look to the surface decoration
4. Lacquer coating seals and protects the colours of the surface decoration and gives an overall glossy finish to the item

### INTEXT ANSWERS UNIT 5

1. Humans use jewellery to enhance their appearance. Jewellery has ceremonial and religious associations too in most societies. Wedding rings, Mangalsutra and prayer beads are examples.
2. Artefacts and art found from ancient civilizations indicate that jewellery was an integral part of human lives since ancient times. The Dancing Girl figurine discovered from Mohenjo-daro is shown wearing jewellery. Ornaments made of gold, silver, copper, ivory and pottery have been found from the Indus Valley Civilization. Ornaments have been discovered in Egyptian tombs. Ancient Greece and Rome also had strong jewellery traditions.
3. Pros - Fashion Jewellery is trendy, economical and comes in a large variety of styles. One can experiment with different looks and match with individual outfits. Fashion Jewellery comes with no security concerns

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Cons – Fashion Jewellery is not long-lasting and can become out of fashion quickly with changing trends

4. Gujarat – Moti Bharat (Beadwork)  
Rajasthan – Kundan and Meenakari  
Odisha – Filigree work  
West Bengal – Shaakha work  
Southern India – Temple jewellery

## INTEXT ANSWERS UNIT 6

1. The following planning is required:
  - a. Organizing the tools required for making the jewellery
  - b. Arranging the materials which will be the core of the jewellery, be it wire or thread or others
  - c. Deciding the design and combination of raw components and planning their arrangement
  - d. Creating the Fashion Jewellery, securing the ends and attaching fasteners for usage
  - e. Tips for maintaining the jewellery
2. Tie both ends of the string of beads. Pass each end through a ring on either side. Secure the ends by heating the string at both ends with a candle and then pressing the ends together. On one side, add a hook to the ring. Now the hook can be passed through the ring on the other side and the necklace can be fastened for use
3. A higher gauge size means a thinner, softer and more malleable GS wire. A lower gauge size means the wire will be harder and thicker. Depending on the raw components to be used, the processes to be followed and the look and feel of the jewellery, the thickness and malleability of the wire is considered while choosing the gauge
4. The shine of GS jewellery can be maintained by using readymade tarnish guard metal polishes, soap nut (ritha) and tooth powder

## PROJECT WORK

### PAPER MACHE

Make a hanging decorative object by using 3 Paper Mache balls (as taught in this handbook) with different surface decorations

### FASHION JEWELLERY

Make a matching set of earrings, bracelet/charm and neck ornament using the same combination of raw components



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