

**INDIRA TECHNICAL INSTITUTE
NASHIK**

**CERTIFICATE COURSE
GENERAL PAINTER [GP]**

THEORY MARKS : 50

TIME : 2 HOURS

- 1) **PAINTING WORK :**
 - a) Introduction
 - b) Objects of Painting
 - c) Types of Painting works.
- 2) **TOOLS AND EQUIPMENTS REQUIRED FOR PAINTING WORKS :**
 - a) Brushes and its types.
 - b) Knife and its types.
 - c) Scrapers.
 - d) Rollers
 - e) Ladders
- 3) **PUTTY :** a) Meaning and its types used for different surfaces.
- 4) **PAINTS AND IT'S APPLICATION PROCEDURE :**
 - a) Distemping
 - b) Varnishing and Polishing
 - c) Plastic paint
 - d) Velvete paint
 - e) Enamel paints
 - f) Cement paint
 - g) White washing
 - h) Colour washing
 - i) Oil paint
 - j) Aluminium paint
- 5) **METAL :**
 - a) Ferrous metals – definition
 - b) Types – steel, cast iron, wrought iron
- 6) **TOOLS AND EQUIPMENTS REQUIRED FOR PAINTING ON METAL SURFACES :**
 - a) Brushes
 - b) Scrapers

- c) Blow lamp
- d) Ladders
- e) Knives
- 7) **PAINTING ON METAL SURFACES :**
 - a) Detail procedure
- 8) **ART LETTERING :**
 - a) Types
 - b) Colour combination
 - c) Various sizes and styles in English, Hindi and Marathi.
- 9) DIFFERENT TYPES OF BRUSHES AND INSTRUMENTS REQUIRED FOR WRITING ART LETTERING WORK.
- 10) SPRAY PAINTING WORK AND APPLICATION PROCEDURE WITH TOOLS AND EQUIPMENTS REQUIRED.
- 11) SCREEN PRINTING WORK AND ITS METHODS.
- 12) WRITING ADVERTISING BOARDS OF DIFFERENT SIZES.
- 13) STENCILS – ITS CUTTING WORKS AND PRECAUTION TAKEN.
- 14) FIRE AND FIRE PROTECTION METHODS, STORAGE METHODS AND SAFETY MEASURES TAKEN.
- 15) FIGURE PAINTING
- 16) POWDER COATING : ITS CONCEPT AND PROCEDURE OF APPLICATION AND EQUIPMENT REQUIRED.
- 17) MODE OF MEASUREMENT AND PREPARATION ESTIMATE FOR PAINTING WORKS – FOR WALLS, METAL & WOODEN SURFACES AND ART LETTERING

PRACTICAL SYLLABUS

- 1) LETTERING (DEVNAGRI) ON HALF IMPERIAL SHEETS
- 2) LETTERING (GOTHIC) ON HALF IMPERIAL SHEETS
- 3) LETTERING (TECKLE) ON HALF IMPERIAL SHEETS
- 4) LETTERING (ITALIC) ON HALF IMPERIAL SHEETS
- 5) WRITING NAME PLATES AND NUMBERING
- 6) OIL PAINTING ON WOODEN SURFACE (NEW & OLD)
- 7) OIL PAINTING ON METAL SURFACE (NEW & OLD)
- 8) SPRAY PAINTING ON WOODEN AND METAL SURFACES
- 9) DISTEMPERING ON WALL SURFACES
- 10) WHITE WASHING
- 11) COLOUR WASHING
- 12) CEMENT PAINTING ON EXTERNAL WALL SURFACES
- 13) SCREEN PRINTING
- 14) VARNISHING AND POLISHING ON WOODEN SURFACE (NEW & OLD)

SCHEME OF MARKING

THEORY

MARKS : 50

TIME : 2 HOURS

PRACTICAL

TOTAL MARKS : 100

TOTAL TIME : 4 HOURS

PRACTICAL – I (FROM PRACTICALS NO. 6 TO 14)

MARKS : 60 (BATCH – 10 NOS.)

TIME : 3 HOURS

PRACTICAL – II (FROM PRACTICALS NO. 1 TO 5)

MARKS : 40 (BATCH 10 NOS.)

TIME : 1 HOUR

TERMWORK

SESSIONAL WORK : 25 MARKS

ORALS : 25 MARKS

NOTE : ONE JOURNAL SHOULD BE PREPARED FOR SUBMISSION WORK AND TERM WORK MARKS SHOULD BE GIVEN IN CONSULTATION WITH EXTERNAL EXAMINER BY INTERNAL EXMINER.

GUIDELINES FOR PAPER SETTER

THEORY

1. Q. 1 OF IS COMPULSORY. **10 MARKS**
(OBJECTIVE TYPE) – FILL IN THE BLANKS AND MATCH THE FOLLOWING
2. Q.2 TO Q. 6 SET FOR EACH **10 MARKS**
3. SOLVE ANY 4 QUESTIONS FROM Q.2 TO Q.4
4. FIGURE TO THE RIGHT INDICATES FULL MARKS.
5. ALL QUESTIONS CARRIES EQUAL MARKS.
6. USE OF STENSILS ARE STRICTLY PROHIBITED.
7. SET Q. 2 FROM CHAPTERS - 1 TO 4
8. SET Q.3 FROM CHAPTER - 5 TO 7
9. SET Q.4 FROM CHAPTERS - 8 TO 11
10. SET Q.5 FROM CHAPTERS - 12 TO 14
11. SET Q.6 FROM CHAPTERS - 15 TO 17

	<u>TOTAL MARKS</u>	<u>PASSING MARKS</u>	<u>TIME</u>
THEORY	50	17	2 HOURS
PRACTICAL	100	35	4 HOURS
TERM WORK	50	-	-
FRAND TOTAL	200	52	

