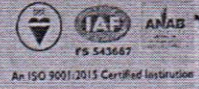




Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
 (Recognised by Govt. of Karnataka, Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)
 Sira Road, Tumakuru - 572 106, Karnataka.



Department of Civil Engineering

III Semester

III internal Assessment Test

26-11-2019

18CV34 – Building Materials and Construction

Time: 75 min

Max. Marks: 30

Note: Answer all the questions

- | | | |
|-------|--|-----|
| 1. a) | Explain the construction of Mosaic flooring with a sketch | 7 M |
| b) | Draw a neat sketch of an Arch and label its parts. | 8 M |
| OR | | CO4 |
| 2. a) | What are the requirements of good stair-case? | 7 M |
| b) | Draw the sketch of king post wooden roof truss (half part) and name its pars. | 8 M |
| | | CO4 |
| 3. a) | Differentiate between Bay window and Corner window with sketches | 7 M |
| b) | What are the objects of plastering and mention the defects in plastering | 8 M |
| OR | | CO5 |
| 4. a) | Name and explain the constituents of oil paint. | 7 M |
| b) | Explain the procedure of painting for i) New Plastered surface ii) New wood work surface | CO5 |
| | | 8 M |

Question Paper Prepared by : Dr. G. Mahesh Kumar, HOD, Civil Engg.



Sri Shridevi Charitable Trust (R.)
SHRIDEVI INSTITUTE OF ENGINEERING & TECHNOLOGY
 (Recognised by Govt. of Karnataka, Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi)
 Sira Road, Tumakuru - 572 106, Karnataka.



Department of Civil Engineering

III Semester

III internal Assessment Test

26-11-2019

18CV34 – Building Materials and Construction

Time: 75 min

Max. Marks: 30

Note: Answer all the questions

- | | | |
|-------|--|-----|
| 1. a) | Explain the construction of Mosaic flooring with a sketch | 7 M |
| b) | Draw a neat sketch of an Arch and label its parts. | 8 M |
| OR | | CO4 |
| 2. a) | What are the requirements of good stair-case? | 7 M |
| b) | Draw the sketch of king post wooden roof truss (half part) and name its pars. | 8 M |
| | | CO4 |
| 3. a) | Differentiate between Bay window and Corner window with sketches | 7 M |
| b) | What are the objects of plastering and mention the defects in plastering | 8 M |
| OR | | CO5 |
| 4. a) | Name and explain the constituents of oil paint. | 7 M |
| b) | Explain the procedure of painting for i) New Plastered surface ii) New wood work surface | CO5 |
| | | 8 M |

Question Paper Prepared by : Dr. G. Mahesh Kumar, HOD, Civil Engg.

Dr. G. Mahesh Kumar

PRINCIPAL
 SIET., TUMAKURU.

Department of Civil Engineering

3rd Internal Test

26.11.19

18CV34 : Building Materials & Construction

Scheme & Solution

1. a) Mosaic flooring
Construction - 3 marks
Sketch - 4 marks

b) Masonry Arch
Sketch - 5 marks
Labelling - 3 marks

OR

2. a) Requirements of good staircase
(any 7 points) $1 \times 7 = 7$ marks

b) King post wooden roof Truss
Sketch - 5 marks
Labelling - 3 marks

3. a) Bay window & corner window
Sketches - 3+3 marks
Explanation - 1 mark

b) Objects of plastering (4 points) $1 \times 4 = 4$ Marks
Defects in plastering (4 points) $1 \times 4 = 4$ Marks

OR

Ramesh Kumar

P.T.O

4. a) Constituents of paint
- 2 marks
Explanation - 5 marks

b) New Plastered Surface Painting
Procedure - 4 marks.

New wood work surface painting
Procedure - 4 marks

— 0 —

Principals Signature