

- Q.31 Why are Transmission lines Required?
- Q.32 Name the different types of Power Stations.

SECTION-D

Note: Long answer type questions. Attempt any three questions out of four questions. 3x10=30

- Q.33 Explain the construction and working of split Air Conditioner with neat sketch and write down its applications.
- Q.34 How will you start a three phase induction motor with the help of star delta starter, Explain?
- Q.35 Define Construction Material and write the names of some construction materials which are commonly used in civil Engineering structures.
- Q.36 Explain different types of pulley in detail with diagram and write its applications.

No. of Printed Pages : 4

Roll No. 121126/030827/030827A/
30532/105335

2nd / Food Tech., Electrical

Subject : General Engg.

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Objective type questions. All questions are compulsory (10x1=10)

- Q.1 The unit of Refrigeration is
- Q.2 Define Resistance?
- Q.3 Write one application of single phase motor.
- Q.4 V-Belt transmit power as compared to Flat Belt.
- Q.5 Define Distribution Board?
- Q.6 Unit of Power.
- Q.7 pumps are used for large discharge but less head.
- Q.8 Define concrete?

(100)

(4) 121126/030827/030827A/
30532/105335

(1) 121126/030827/030827A/
30532/105335

- Q.9 What is the use of Energy Meter?
- Q.10 The efficiency of Reciprocating pump is as compared to centrifugal pump.

SECTION-B

Note: Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

- Q.11 Define Pump?
- Q.12 Write the types of Electric Motor.
- Q.13 Define Grading of Concrete?
- Q.14 Name different types of Gears.
- Q.15 Define Earthing.
- Q.16 What is the purpose of neutral wire in low voltage distribution system.
- Q.17 Define workability?
- Q.18 Write any two application of Pulley.
- Q.19 Define Air Conditioning System?

(2) 121126/030827/030827A/
30532/105335

- Q.20 Give any one advantage of Reinforced cement concrete.
- Q.21 Define C.O.P.?
- Q.22 Define Brick Masonry?

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

- Q.23 How the pumps are classified?
- Q.24 Give the difference between A.C. and D.C?
- Q.25 Explain different types of Foundation.
- Q.26 Mention the advantage of underground system over overhead system.
- Q.27 Write the applications of Air Conditioning.
- Q.28 Why the distribution board is provided?
- Q.29 Define Mixing and explain the different methods of mixing.
- Q.30 What is the Relation between Power, Voltage and Current?

(3) 121126/030827/030827A/
30532/105335