

Q.34 Compare single phase and Three phase supply.
(CO8)

Q.35 Explain the need of Earthing.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three Questions. (2x10=20)

Q.36 Explain working of centralized art conditioner.
(CO2)

Q.37 Explain star delta starting method of three phase motor.
(CO8)

Q.38 Explain various types of foundation and their feature in brief.
(CO2)

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SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

Q.1 Unit of voltage is _____. (Co1)

- a. Ohm
- b. Walt
- c. Volt
- d. None

Q.2 The rate of doing work is called _____. (CO1)

- a. Power
- b. Current
- c. Voltage
- d. None

Q.3 Opposition to the flow of current is _____. (CO1)

- a. Current
- b. Resistance
- c. Power
- d. None

Q.4 The frequency of DC is _____. (CO1)

- a. Zero
- b. 50
- c. 100
- d. 20

Q.5 _____ converts electrical energy into mechanical energy. (CO4)

- a. Motor
- b. Generator
- c. Condensed
- d. None

Q.6 Rating of AC is given in _____. (Co2)

- a. Kw b. Metre
c. Kg d. Tonns
- Q.7 Split Ac has _____ number of units (CO2)
a. 1 b. 2
c. 3 d. 4
- Q.8 Centrifugal pump has _____ flow (CO3)
a. Variable b. Uniforms
c. Continous d. No flow
- Q.9 Which is necessary for RCC? (CO4)
a. Cement b. Iron
c. Sand d. All of above
- Q.10 How many types of foundations are there based on depth (CO2)
a. 3 b. 4
c. 5 d. 2

SECTION-B

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

- Q.11 The frequency of AC is _____ (CO1)
Q.12 Expand RCC _____ (CO4)
Q.13 Expand BIS (CO7)
Q.14 Unit of Resistance is _____ (CO2)
Q.15 _____ Belt transmits more power than Flat Belt. (CO1)
Q.16 _____ is used to clean air. (CO2)

- Q.17 _____ pump is used for high head. (CO3)
Q.18 _____ is major fuel in Nuclear power plant. (CO3)
Q.19 _____ energy can be converted easily into other types of energy. (CO1)
Q.20 Earthling is done to prevent _____ (CO4)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Write differences between open and cross belt drive. (CO1)
Q.22 List properties of cement. (CO1)
Q.23 Explain the need of RCC. (CO4)
Q.24 Write down different ingredients of concert. (CO3)
Q.25 What do you mean by foundation of a structure? (CO2)
Q.26 Explain the importance of timber. (CO1)
Q.27 Write applications of pulleys. (CO1)
Q.28 List application of pumps. (CO3)
Q.29 What is the principle of refrigeration? (CO2)
Q.30 Explain charactesties of good quality of story. (CO1)
Q.31 Write differences between AC and DC. (CO1)
Q.32 Write different applications of AC motors. (CO8)
Q.33 Explain common safety measures. (CO7)