

CBSE Question Paper - 2010

ELECTRICAL APPLIANCES

(Theory) Paper III

Class – XII

Time allowed: 3 hours

Maximum Marks: 40

Instructions: Attempt all questions.

1. (a) Explain the construction and working of a shaded pole motor.

6

OR

Explain the procedure of components testing of a universal motor.

6

- (b) Give the constructional details of the motor used in a ceiling fan.
How will you reverse the direction of rotation of a ceiling fan?

4

2. (a) Explain the construction and working principle of a mixer. Give its few uses.

5

- (b) Describe in brief the working of a manual Voltage Stabiliser with its circuit diagram.

5

3. (a) Explain the procedure of overhauling a washing machine.

4

- (b) Explain the installation procedure of a desert cooler. Why is earthing of a desert cooler required?

Other Educational Websites:

ICSEGuess.com | NIOSGuess.com | IGNOUGuess.com | IITGuess.com | MagicSense.com | AIPMTGuess.com | AIEEEGuess.com | IndiaGuess.com

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OR

Describe in detail the procedure involved in the testing of a defective desert cooler.

4

4. (a) Describe in detail the procedure involved in the repair of a blower type room Heater.

3

OR

Give the constructional details of a bowl type room heater.

3

- (b) Explain the common faults in a hair dryer. How will you rectify them?

3

5. (a) Explain the construction and working principle of a vacuum cleaner.

3

- (b) Describe the common faults in an electric hand drill. How will you rectify Them?

3

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