From B.S.N. DEVARA In- Charge

Department of Physics

То

A

The Principal

A.S.D. Government Degree college for women(A)

Respected Madam,

Department of Physics, would like conduct Certificate Course in " Maintenance and Servicing of Domestic Electrical Appliances", For 1st year students of our college. Please grant permission to conduct certificate course from 11 th March 2024 to April end

Thanking you madam,

Yours sincerely

Suat (B.S.N. DEVARA)

A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN(A) KAKINADA

DEPARTMENT OF PHYSICS



CIRCULAR

It is here by informed that all the students that, Department of Physics will conduct a certificate course on "Maintenance and Servicing of Domestic Electrical Appliances" from 11th March 2024 till April end. Interested students give your names in the department on or before 10th March 2024

V. R.D.

Signature of the Principal PRINCIPAL A.S.D.GOVT.DEGREE COLLEGE (W) AUTONOMOUS KAKINADA

A.S.D. GOVERNMENT DEGREE COLLEGE FOR WOMEN(A) KAKINADA

DEPARTMENT OF PHYSICS

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DEPARTMENT OF PHYSICS

ANNAVARAM SATHYAVATHI DEVI GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) Re-Accredited by NAAC with "B" Grade in Cycle-III KAKINADA - \$33002

CERTIFICATE COURSE TEST

Maintenance and Servicing of Domestic Electrical Appliances

Name: B.V.V.L. Sypthi

Class/Group:-II 3sc (Physic) rear: I nd year

1)Form factor of a sine wave is

a)1.414 b)0.707 (1.114 d) 0.637

2) What is the frequency of the AC Mains in India?

a)60 Hz to) 50 Hz c) 40HZ d) 30HZ

3)Which of the following can measure an alternating current?

a) Voltmeter b) Ammeter c) Suspended coil galvanometer d) Coil

4) The unit of frequency is

a) Cycle b) Cycle-Second c) Hertz/Second d) Hertz

5) What is Transformer?

- A) Transformer is a device used to convert low alternating voltage to a high alternating voltage
- b) Transformer is a device used to convert alternating current to direct current
- c) Transformer is a device used to convert low alternating current to a high alternating current
- d) Transformers are used only for low alternating voltage

6) What is the working principle of a Transformer?

a) self-induction f mutual induction c) ampere law d) coulomb law

7) Transformer ratings are given in _____

arkva b) HP c) kVAR d) kW

8) Two capacitors, each of 220 μF , are connected in parallel. The capacitance of the combination will be

a) 110µF b) 220µF c) 440µF d) 550 µF

9) If the resistance of a material falls with increasing temperature said to have

a) negative temperature coefficient b) positive temperature coefficient

c) zero temperature coefficient

10) The fourth band of a four band resistor is marked in silver. This indicates a tolerance

a) 5% b) 10% c) 20%

11) The full form of MCB is

a) Main Circuit Breaker b) Miniature Circuit Breaker c) Mask Circuit Breaker

12) The full form of ELCB is

a) Earth Line Circuit Breaker b) Earth Current Breaker g) Earth Leakage Current Breaker 13)

13) What is the principal on which MCB work?

Magnetic effect of electric current b) Lenz law c) Faradays law
What is the standard colour of ac supply ground wire in India?

a) Red b) Magenta c) Pink d Green



ANNAVARAM SATHYAVATHI DEVI GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) Re-Accredited by NAAC with "B" Grade in Cycle-III

KAKINADA - \$23002

DEPARTMENT OF PHYSICS

CERTIFICATE COURSE TEST

Maintenance and Servicing of Domestic Electrical Appliances

Name: N. Divea naga moni Class/Group Computer year: Ind year

science

1)Form factor of a sine wave is

a)1.414 b)0.707 c) 1.114 d) 0.637

2) What is the frequency of the AC Mains in India?

a)60 Hz b) 50 Hz c) 40Hz d) 30Hz

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a) kVA b) HP c) kVAR d) kW

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ANNAVARAM SATHYAVATHI DEVI GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) Re-Accredited by NAAC with "B" Grade in Cycle-III

KAKINADA - 533002

DEPARTMENT OF PHYSICS

CERTIFICATE COURSE TEST

Maintenance and Servicing of Domestic Electrical Appliances

Name: Y usantha kunoni

Class/Group :- B.sc (computer) Year: Ind

1)Form factor of a sine wave is

a)1.414 b)0.707 c) 1.114 d) 0.637

2) What is the frequency of the AC Mains in India?

a)60 Hz b) 50 Hz c) 40HZ d) 30HZ

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KAKINADA - \$33002

DEPARTMENT OF PHYSICS

CERTIFICATE COURSE TEST

Maintenance and Servicing of Domestic Electrical Appliances

Name: U. MANOHRI

Class/Group :- Bsc (computer) Year: Ind

1)Form factor of a sine wave is

a)1.414 b)0.707 c) 1.114 d) 0.637

2) What is the frequency of the AC Mains in India?

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A S D Govt.Degree College for Women(A) Kakinada Department of Physics Certificate of Appreciation

This certificate is awarded to 2372001 BONDA VEERA VENKATA LAKSHMI JYOTHI Physics Honours for the successful completion of Certificate Course on <u>*"Maintenance and servicing of domestic electrical appliances" (Course code* <u>CC23MSDEA/Phy)</u> conducted by Physics Department from 11th March to April 30, 2024.</u>





Derat BSN

In-charge

Principal



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A.S.D Govt. Degree College(Women)(A) Kakinada Photo gallery of Certificate course 23-24





A.S.D Govt. Degree College(Women)(A) Kakinada Photo gallery of Certificate course 23-24



ASD GOVERNMENT DEGREE COLLEGE FOR WOMEN (A), KAKINADA DEPARTMENT OF PHYSICS

STUDENT FEEDBACK

Name of the Activity: Maintenance and Servicing of Domestic Electrical Appliances- certificate course

Date:

S.NO	Name of the student	Feedback	Signature of the Student	Group
1	K.V. jaya dwaa	9000	K. Vijaya durga	Physics
2.	S. Karishme	good	s. Karishme	computer
3.	V. Suchithadevi	Good	y. Suchitha Devi	comput of
A.	A. Bhavya Sri	Good	A. Chavya Sri	computer
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6.	Ch. Mary Grace	Gurd	Ch. Mary Grace	Computer
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15.	S. Rokini	3000	9. Rohinillari	computer
16.	U. Manoharri	good	U. maratteri	Emplor 1
17.	Y VASANTHA KUMASI	good good good Very good	Y. Vasantha kumar	compute
18.	Y. Smilalithe	9000	Y. Sziblitha H.	computer
19.	B.V.V.L. Fyothi	good	B.V.V.L. Sydhi KRONC	Physics
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