



## पावर ग्रिंड कॉर्पोरेशन ऑफ इंडिया लिमिटेड

(भारत सरकार का उद्यम)

## POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

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Participant ID	
Participant	
Name	
Test Center	
Name	
Test Date	17/12/2020
Test Time	9:00 AM - 11:00 AM
Subject	DIPLOMA TRAINEE (ELECTRICAL)

	oject DIPLOMA TRAIN	IEE (ELECTRICAL)	
			-
Secti	tion : <b>Unit-1: General English</b>		
	1 From the options given below choose  We went to school by bike.  \$ 1. a, an	the proper suitable Articles and fill in the blanks  /WW.ALLEXAMREVIEW.COM	
		ST BEAT	Question ID : 600929726 Status : Answered Chosen Option : 4
Q.2	Choose an appropriate answer from the The word genuine most likely means?  1. honest  2. true  3. appropriate  4. authentic		
			Question ID : 600929731 Status : Answered Chosen Option : 4
Q.3	3 Choose an appropriate answer from th	ne options given below.	
Q.3		he options given below. but Danish's clothes were PALLID and lacked vib	orancy.

Question ID : 600929732 Status : Not Answered

Chosen Option : --

0.4	Choose an appropriate answer from the options given below.	
٠.,	What is an exaggerated fear of something called?	
Ans	1. neur	
	× 2. scope	
	X 3. strength	
	4. phobia	
		Question ID : 600929730
		Status : <b>Not Answered</b>
		Chosen Option :
0.5	From the options given below choose the proper suitable Article	es and fill in the blanks.
	teacher and guardian of the lad were discussing h	
Ans	X 1. the, a	- 0 dage.
	× 2. a, a	
	3. the, the	
	<b>4</b> . a, the	
		Question ID : <b>600929727</b>
		Status : <b>Answered</b>
		Chosen Option : 3
Ans	From the options given below choose the proper suitable preports it is difficult to agree those critics who ascribe the work 1. of, with 2. with, to 3. over, to	
	<b>X</b> 4. to, on	Question ID : 600929729 Status : Answered Chosen Option : 2
Q.7		Status : <b>Answered</b> Chosen Option : <b>2</b>
Q.7	<b>X</b> 4. to, on	Status : Answered Chosen Option : 2 sition and fill in the blank.
Q.7	From the options given below choose the proper suitable prepo	Status : Answered Chosen Option : 2 sition and fill in the blank.
	From the options given below choose the proper suitable prepo America has raised a tariff wall to protect home industries	Status : Answered Chosen Option : 2 sition and fill in the blank.
	From the options given below choose the proper suitable prepo America has raised a tariff wall to protect home industries	Status : Answered Chosen Option : 2 sition and fill in the blank.
	From the options given below choose the proper suitable prepo America has raised a tariff wall to protect home industries	Status : Answered Chosen Option : 2 sition and fill in the blank.
	From the options given below choose the proper suitable prepo  America has raised a tariff wall to protect home industries  1. from	Status : Answered Chosen Option : 2 sition and fill in the blank.
	From the options given below choose the proper suitable prepo America has raised a tariff wall to protect home industries	Status : Answered Chosen Option : 2  sition and fill in the blank foreign.  Question ID : 600929728
	From the options given below choose the proper suitable prepo America has raised a tariff wall to protect home industries	Status : Answered Chosen Option : 2  sition and fill in the blank foreign.

Q.8 From the options given below choose the proper suitable Article and fill in the blank.

I have come without \_\_\_\_ umbrella.

Ans









Ouestion ID: 600929725 Status: Answered

Chosen Option: 1

#### Comprehension:

Read the following passage and answer the questions.

Stephen Irwin was a famous Australian television personality, wildlife expert, and conservationist. Born on 22 February 1962 in Essendon, Australia, he grew up in the wild life park of his parents. There he mastered the technique of catching and managing crocodiles. He worked on the world famous television series, The Crocodile Hunter; in fact, he got his pseudonym from the title of the series.

Even though he did not have any formal education or degree in his field, he was acclaimed as a wildlife expert the world over. He died in 2006 after being pierced by a stingray off Australia's Great Barrier Reef.

SubQuestion No:9

Q.9 Where did he get his degree from?

Ans





2. Essendon, Australia



3. he had no formal degree

4. overseas

Question ID: 600929735 Status: Answered Chosen Option: 3

#### Comprehension:

Read the following passage and answer the questions.

Stephen Irwin was a famous Australian television personality, wildlife expert, and conservationist. Born on 22 February 1962 in Essendon, Australia, he grew up in the wild life park of his parents. There he mastered the technique of catching and managing crocodiles. He worked on the world famous television series, The Crocodile Hunter; in fact, he got his pseudonym from the title of the series.

Even though he did not have any formal education or degree in his field, he was acclaimed as a wildlife expert the world over. He died in 2006 after being pierced by a stingray off Australia's Great Barrier Reef.

SubQuestion No: 10

### Q.10 Who was Stephen Irwin?

Ans

1. a crocodile lover



2. conservationist



3. famous television actor

4. wildlife analyst

Ouestion ID: 600929734 Status: Answered Chosen Option: 4

#### Comprehension:

Read the following passage and answer the questions.

Stephen Irwin was a famous Australian television personality, wildlife expert, and conservationist. Born on 22 February 1962 in Essendon, Australia, he grew up in the wild life park of his parents. There he mastered the technique of catching and managing crocodiles. He worked on the world famous television series, The Crocodile Hunter; in fact, he got his pseudonym from the title of the series.

Even though he did not have any formal education or degree in his field, he was acclaimed as a wildlife expert the world over. He died in 2006 after being pierced by a stingray off Australia's Great Barrier Reef.

SubQuestion No: 11

### Q.11 What was the pseudonym he got?

Ans

1. television personality

the crocodile hunter

3. conservationist

4. wildlife expert

Question ID: 600929736 Status: Answered Chosen Option: 2

#### Q.12 Parts of a sentence are given in jumbled order. Arrange the parts in the right order to form a meaningful sentence.

- A: very first time
- B: to Agra to see the
- C: we went
- D: Taj Mahal for the

Ans

X 1. DCAB



2. ABCD



4. CBDA

Question ID: 600929739 Status: Answered Chosen Option: 4

#### Q.13 Parts of a sentence are given in jumbled order. Arrange the parts in the right order to form a meaningful sentence.

- A: important meeting with
- B: other monitors and
- C: you have to attend
- D: the teachers after school
- E: as the monitor of your class.

Ans

1. EACDB

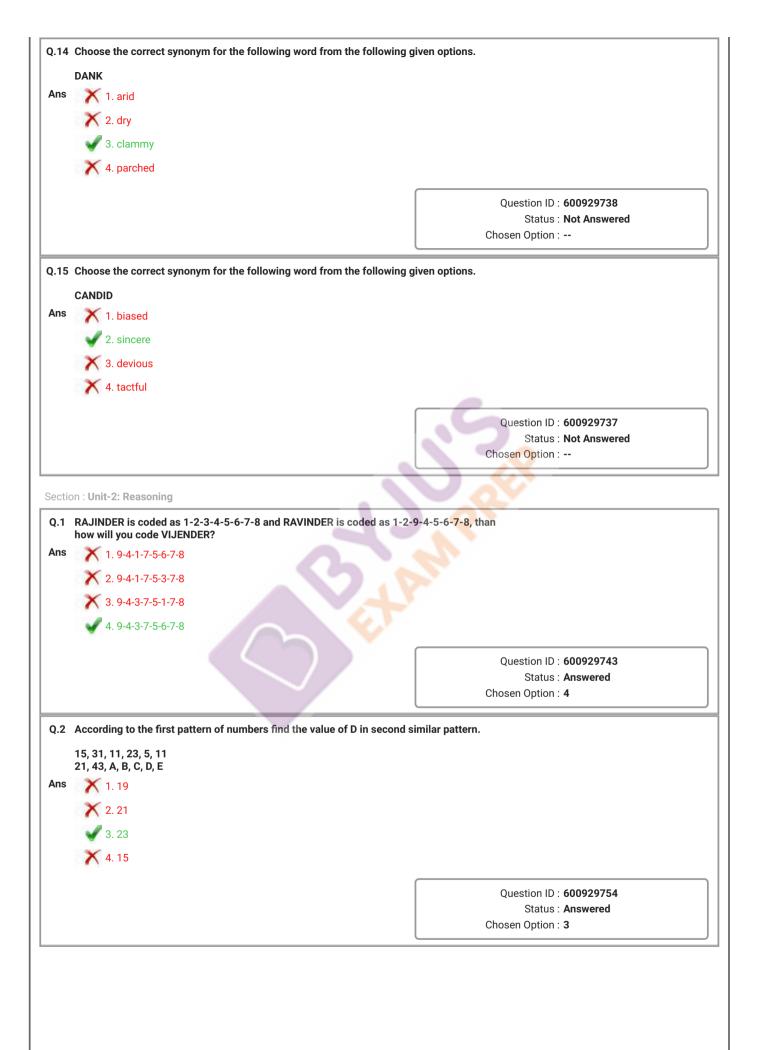


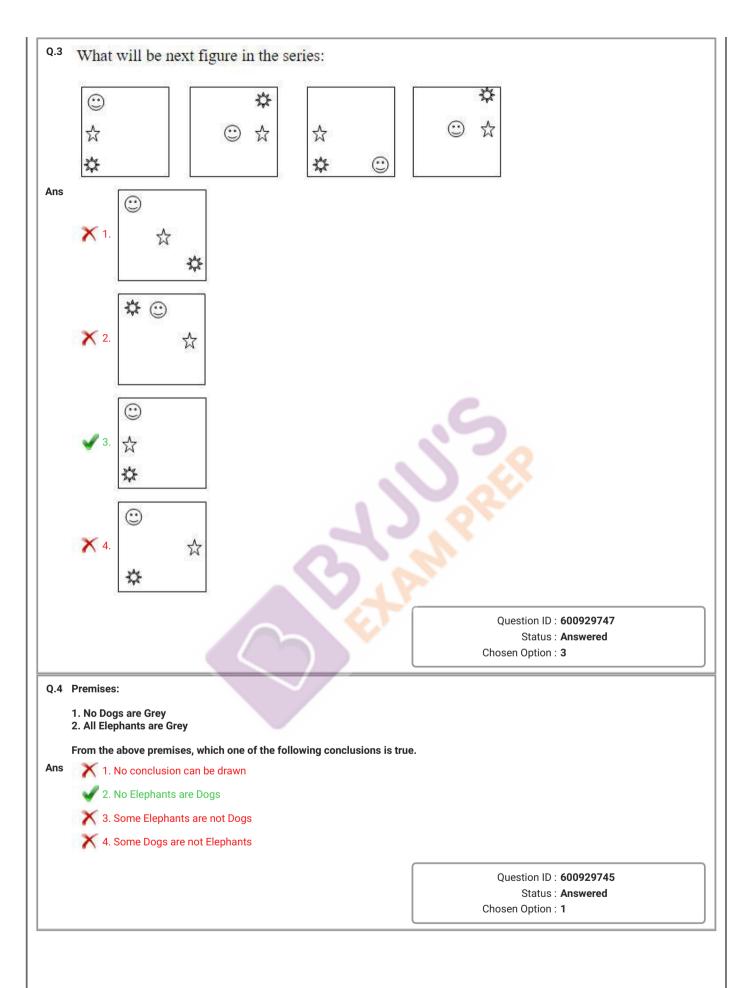
3. CABED

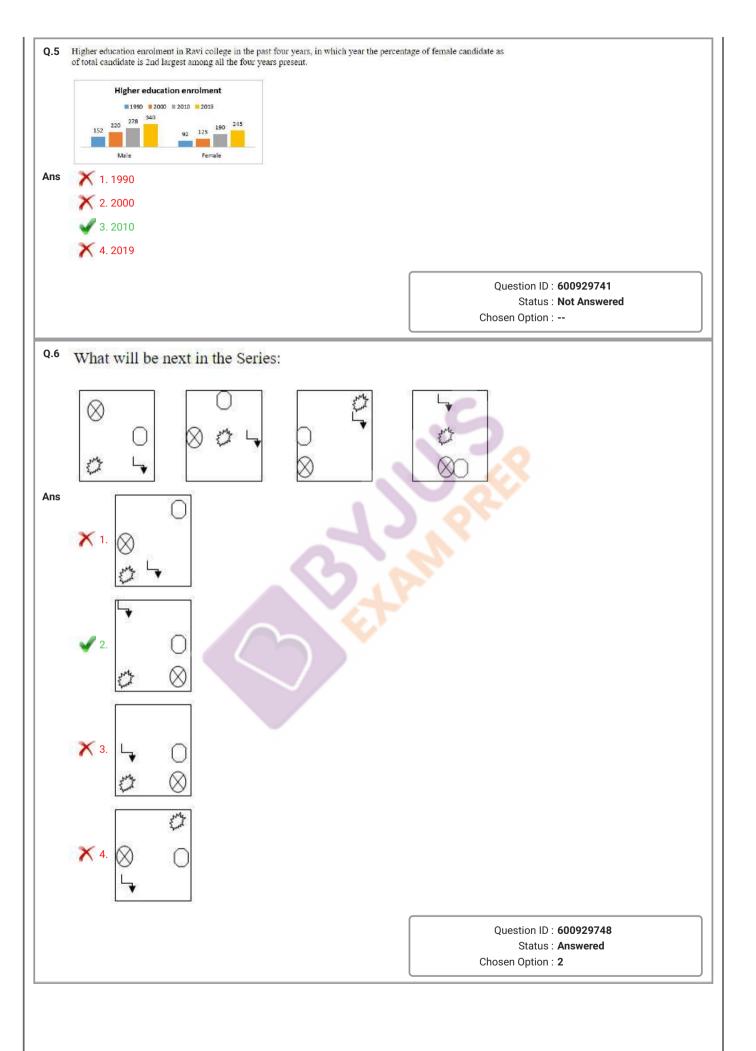
4. ECABD

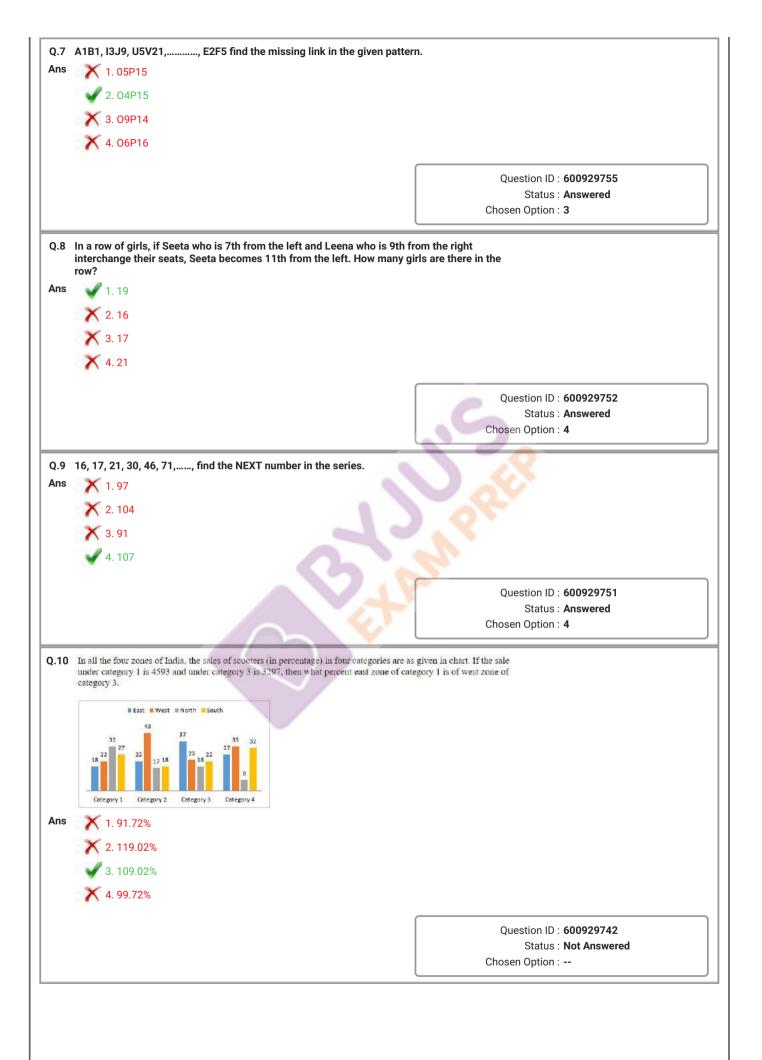
Question ID: 600929740 Status: Answered

Chosen Option: 3









Q.11 If COPY = 2-4-15-24 and PEN = 15-2-13 then SCALE = ? Ans 1. 19-2-1-11-4 2. 18-2-1-11-2 3. 19-1-2-11-4 4. 18-2-1-11-4 Question ID: 600929744 Status: Answered Chosen Option: 4 Q.12 Two statements are given under followed by two conclusions I and II. You have to consider these statements to be true, even if they seem at variance from commonly known facts. Decide which of the given conclusions logically follow/s from the given statement. Statements: 1. All pens are schools. 2. All schools are scales. Conclusions: I. All pens are scales II. Some schools are not pens Ans 1. Neither conclusion I nor II follows Only conclusion I follows 3. Either conclusion I or II follows 4. Only conclusion II follows Question ID: 600929746 Status: Answered Chosen Option: 1 Q.13 The question below consists of a question followed by two statements labeled as 1 and 2. You have to decide whether these statements are sufficient to answer the question. Question: Six persons P, Q, R, S, T, U are sitting in a row facing north. P and U are sitting at two extreme ends of the row. Q is to the immediate right of P and S is 2nd left of U. What is the position of T with respect to P? 1. T is to the right of P. 2. T is to the left of R. Ans 1. If you can get the answer from 1 and 2 together. 2. If statement 2 alone is sufficient to answer the question but statement 1 alone is not sufficient to answer X 3. If statement 1 alone is sufficient to answer the question but statement 2 alone is not sufficient to answer

4. If you cannot get the answer from 1 and 2 together, still more data is required

Question ID : **600929750** 

Status: Answered

Chosen Option: 3

Q.14 The question below consists of a question followed by two statements labeled as 1 and 2. You have to decide whether these statements are sufficient to answer the question.

Question: What is the value of X+Y?

#### Statements:

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1. X - 2Y = 5

 $2. X^2 - 25 = 4XY - 4Y^2$ 

Ans

1. If statement 2 alone is sufficient to answer the question but statement 1 alone is not sufficient to answer





4. If statement 1 alone is sufficient to answer the question but statement 2 alone is not sufficient to answer

Question ID : 600929749 Status : Not Answered

Chosen Option: --

Q.15 Raj starts from his office facing west and walks 100 mt. straight takes a right turn and walks 100 mt. Further, he takes a left turn and walks 50 mt. In which direction is Raj now from the starting point.

Ans





2. North-West



3. South-West



Question ID : 600929753 Status : Answered Chosen Option : 2

Section: Unit-3: Quantitative Aptitude

Q.1 Two fair dice are thrown once and the numbers appearing on their tops are multiplied. What is the probability that the product is a prime number or it is divisible by 10?

Ans







× 4.  $\frac{5}{18}$ 

Question ID : 600929775 Status : Not Answered

Chosen Option: --

Q.2 To complete a certain work, A and B together take 15 days; B and C together take 12 days, and C and A together take 10 days. All the three worked together for 6 days, then B and C left. A alone will complete the remaining work in:

Ans

- 1. 6 days
- $\times$  2.  $8\frac{1}{2}$  days
- X 3. 9 days
- $\times$  4.  $7\frac{1}{2}$  days

Question ID: 600929759

Status : **Answered** Chosen Option : **1** 

Q.3 A person bought goods for Rs. 8000. He sells 40% of the goods at 5% loss and 20% of the remaining at 10% gain. At what percent profit must he sell the remaining goods so as to gain 15% on the whole transaction? (nearest to an integer)

Ans

- 1. 33
- X 2, 35
- **X** 3. 30
- X 4. 28

Question ID : 600929766 Status : Not Answered

Chosen Option: --

Q.4 A number is chosen at random from 3-digit positive integers. What is the probability that the number chosen is a multiple of 5?

Ans

- X 1. 2
- **√** 2.  $\frac{1}{5}$
- × 3.  $\frac{17}{90}$
- × 4.  $\frac{7}{26}$

Question ID : 600929774

Status : **Answered** Chosen Option : **2** 

Q.5 Amita decides to donate 16% of her monthly income to a charitable trust. On the day of donation, she changes her decision and donates a sum of Rs. 3600, which is equal to 120% of what she decided to donate earlier. What is her monthly income (in Rs.)?

Ans

- X 1. 18800
- 2. 18600
- 3. 18750
- **X** 4. 18540

Question ID : 600929770 Status : Answered

Chosen Option: 4

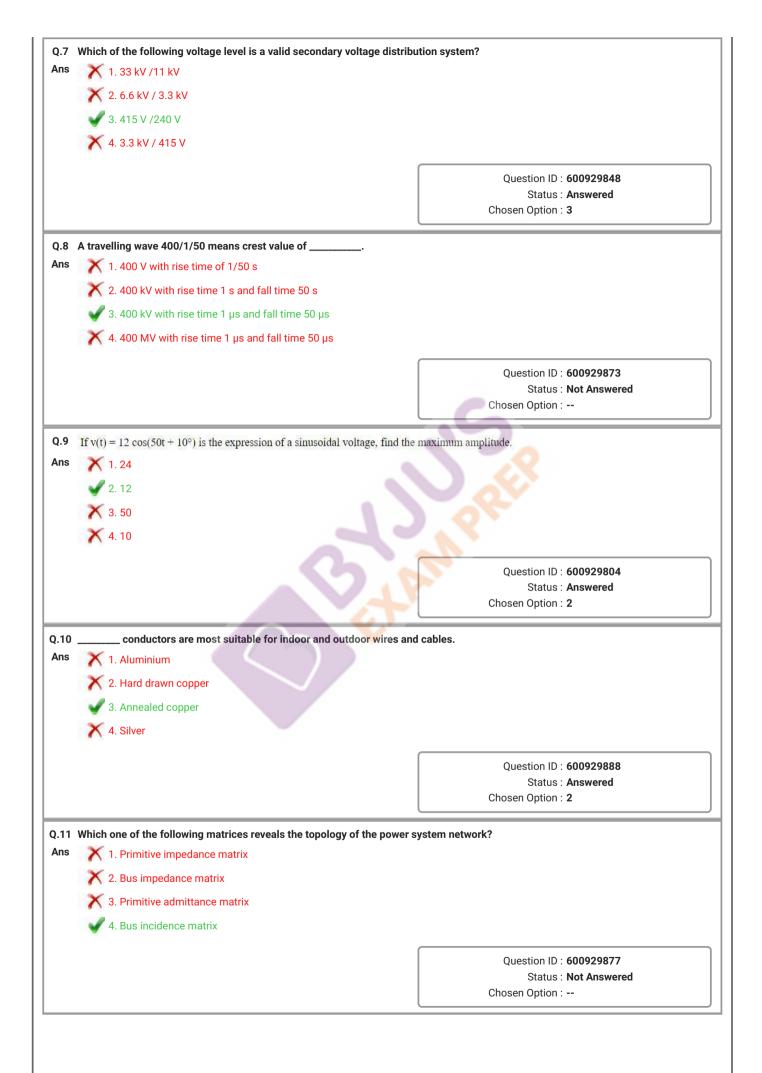
	Pipes A and B can fill a tank in 6 hours and 8 hours, respective empty the full tank in 12 hours. A and B are opened together for	or 2 hours and then C is also
	opened. The total time (in hours) taken to fill the tank complete	ely is:
ns	1.5	
	× 2.7	
	<b>X</b> 3.6	
	<b>✓</b> 4. 4	
		Question ID : 600929761
		Status : Not Answered
		Chosen Option :
).7	Out of 75 students in a class, 60% are boys and rest are girls. It test is 40% more than that of boys. If the average score of all then what is the average score of girls?	
ns	<b>X</b> 1. 67.2	
	× 2.63.8	
	3.70	
	× 4.50	
	4. 30	
		Question ID : <b>600929771</b>
		Status : Not Answered
		Chos <mark>en Op</mark> tion :
_	A purse contains coins of Rs. 1, Rs. 2 and Rs. 5 only in the ratio	
ıns	in the purse is Rs. 1813, then the number of Rs. 2 coins is:  1. Rs. 264	
	× 2. Rs. 294	
	3. Rs. 245	
	X 4. Rs. 280	
		Ouestion ID : 600929760
		Status : Not Answered
		Chosen Option :
).9	A boat can go 7.2 km downstream and 3.2 km upstream in 2 ho downstream and 1.2 km upstream in 48 minutes. In how much distance of 43.2 km downstream?	ours. It can also go 3 km time (in hours) will it cover a
ns	× 1.7.6	
	2. 7.2 3. 8.2 4. 6.8	
	3. 0.2	
	4. 6.8	
		Question ID : 600929764
		Question ID: 600929764 Status: Not Answered
		Chosen Option :
		Chosen Option :
		Chosen Option :

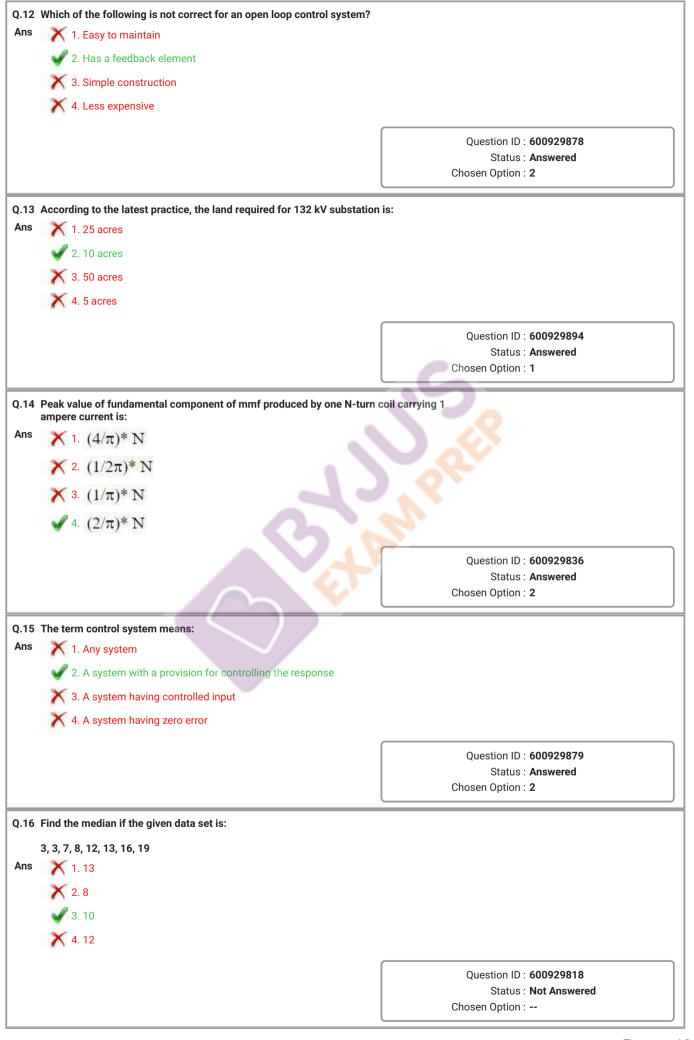
	'A' sold an article to 'B' at 20% profit and 'B' sold it to 'D' at 40% profit. If 'D' bought it for Rs. 218.40, the between the profits of 'A' and 'C'?	
ns	<b>X</b> 1. 23.60	
	2. 22.40	
	× 3. 25.80	
	<b>X</b> 4. 24.20	
		Question ID : 600929765
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		·
).11	The incomes of X and Y are in the ratio 3:5 and the r income of X is equal to the savings of Y, then the rat	
Ans	X 1.9:20	
	2. 27 : 40	
	<b>X</b> 3.2:3	
	X 4.3:5	
	7.0.0	
		Question ID: 600929758
		Status : Not Answered
	A shopkeeper allows $15\frac{5}{8}\%$ discount on the marked price the article costing Rs. 238.50 so that he makes a profit of 1. Rs. 381.60	Status : <b>Not Answered</b> Chosen Option : e of an article. What price should he mark on
	the article costing Rs. 238.50 so that he makes a profit of	Status : <b>Not Answered</b> Chosen Option : e of an article. What price should he mark on
	the article costing Rs. 238.50 so that he makes a profit of  1. Rs. 381.60  2. Rs. 392.80	Status : <b>Not Answered</b> Chosen Option : e of an article. What price should he mark on
	the article costing Rs. 238.50 so that he makes a profit of  1. Rs. 381.60  2. Rs. 392.80  3. Rs. 368.40	Status : <b>Not Answered</b> Chosen Option : e of an article. What price should he mark on
	the article costing Rs. 238.50 so that he makes a profit of  1. Rs. 381.60  2. Rs. 392.80  3. Rs. 368.40	Status: Not Answered Chosen Option:  e of an article. What price should he mark on 355%?  Question ID: 600929768 Status: Not Answered
	the article costing Rs. 238.50 so that he makes a profit of  1. Rs. 381.60  2. Rs. 392.80  3. Rs. 368.40	Status: Not Answered Chosen Option:  e of an article. What price should he mark on 355%?  Question ID: 600929768
Ans	the article costing Rs. 238.50 so that he makes a profit of  1. Rs. 381.60  2. Rs. 392.80  3. Rs. 368.40  4. Rs. 396.50  A sum of Rs. x is divided between A, B, C and D such that (A's such as a profit of the makes a prof	Status: Not Answered Chosen Option:  e of an article. What price should he mark on 355%?  Question ID: 600929768 Status: Not Answered Chosen Option:
Ans Q.13	the article costing Rs. 238.50 so that he makes a profit of  1. Rs. 381.60  2. Rs. 392.80  3. Rs. 368.40  4. Rs. 396.50  A sum of Rs. x is divided between A, B, C and D such that (A's a continuous c	Status: Not Answered Chosen Option:  e of an article. What price should he mark on 355%?  Question ID: 600929768 Status: Not Answered Chosen Option:
Ans Q.13	the article costing Rs. 238.50 so that he makes a profit of  1. Rs. 381.60  2. Rs. 392.80  3. Rs. 368.40  4. Rs. 396.50  A sum of Rs. x is divided between A, B, C and D such that (A's:  = (C's share): (D's share) = 2:3. If the difference between the share 1.10908	Status: Not Answered Chosen Option:  e of an article. What price should he mark on 355%?  Question ID: 600929768 Status: Not Answered Chosen Option:
Ans	the article costing Rs. 238.50 so that he makes a profit of  1. Rs. 381.60  2. Rs. 392.80  3. Rs. 368.40  4. Rs. 396.50  A sum of Rs. x is divided between A, B, C and D such that (A's:  = (C's share): (D's share) = 2:3. If the difference between the share 1.10908	Status: Not Answered Chosen Option:  e of an article. What price should he mark on 355%?  Question ID: 600929768 Status: Not Answered Chosen Option:
Ans	the article costing Rs. 238.50 so that he makes a profit of  1. Rs. 381.60  2. Rs. 392.80  3. Rs. 368.40  4. Rs. 396.50  A sum of Rs. x is divided between A, B, C and D such that (A's:  = (C's share): (D's share) = 2:3. If the difference between the share 1.10908	Status: Not Answered Chosen Option:  e of an article. What price should he mark on 355%?  Question ID: 600929768 Status: Not Answered Chosen Option:
Ans Q.13	the article costing Rs. 238.50 so that he makes a profit of  1. Rs. 381.60  2. Rs. 392.80  3. Rs. 368.40  4. Rs. 396.50  A sum of Rs. x is divided between A, B, C and D such that (A's a continuous c	Status: Not Answered Chosen Option:  e of an article. What price should he mark on 355%?  Question ID: 600929768 Status: Not Answered Chosen Option:
Ans Q.13	the article costing Rs. 238.50 so that he makes a profit of  1. Rs. 381.60  2. Rs. 392.80  3. Rs. 368.40  4. Rs. 396.50  A sum of Rs. x is divided between A, B, C and D such that (A's:  = (C's share): (D's share) = 2:3. If the difference between the share 1.10908	Status: Not Answered Chosen Option:  e of an article. What price should he mark on 355%?  Question ID: 600929768 Status: Not Answered Chosen Option:
Q.12 Ans Q.13 Ans	the article costing Rs. 238.50 so that he makes a profit of  1. Rs. 381.60  2. Rs. 392.80  3. Rs. 368.40  4. Rs. 396.50  A sum of Rs. x is divided between A, B, C and D such that (A's:  = (C's share): (D's share) = 2:3. If the difference between the share 1.10908	Status: Not Answered Chosen Option:  e of an article. What price should he mark on '3596?  Question ID: 600929768 Status: Not Answered Chosen Option:  share): (B's share) = (B's share): (C's share) ares of B and D is Rs. 2424, then the value of x is:

2.14	Five years ago, the ratio of ages of A and B was $4:5$ . Fifteen years their ages will be $8:9$ . The ratio of their present ages is:	from now, the ratio of
ns	1.5:6	
	2.6:7	
	3.7:8	
	<b>×</b> 4.2:3	
		Question ID : 600929756 Status : Not Answered
		Chosen Option :
15	An unbiased coin is tossed three times. What is the probability of g	netting at least two
	heads?	,
Ans	<b>X</b> <sub>1</sub> 1	
	$\times$ 1. $\frac{1}{4}$	
	$\times$ 2. $\frac{5}{8}$ $\times$ 3. $\frac{3}{4}$ $\checkmark$ 4. $\frac{1}{2}$	
	<u>√</u> 2. <del>8</del>	
	3	
	$\times$ 3. $\frac{3}{4}$	
	12 T	
	$\checkmark$ 4. $\frac{1}{2}$	
	Z	
		Question ID: 600929773
		Status : Answered
		Chosen Option : 3
Q.16 Ans	A train of length 318 m crosses a bridge of length 882 m in 90 sec it take to cover a distance of 128 km with the same speed?  1. 2 hours 30 minutes  2. 2 hours 40 minutes  3. 3 hours 40 minutes	onds. How much time will
	X 4. 3 hours 20 minutes	
		Ouestion ID : 600929762
		Status : Answered
		Chosen Option : 2
).17	Sujatha marks an article 40% above the cost price. She sells it offed discounts of 20% and 25% on the marked price and she suffers a leasells the article at 75% of the marked price, (without offering any cost:	oss of Rs. 83.20. If she
Ans	X 1. Rs. 42	
	× 2. Rs. 32	
	3. Rs. 26 4. Rs. 36	
		Ougstion ID : 600020767
		Question ID : 600929767 Status : Not Answered

		e would have covered the same
	distance in $1\frac{3}{4}$ hours more time. His speed (in km/h), initially, was:	
Ans	2	
	$\checkmark$ 1. $66\frac{2}{3}$	
	2	
	$\times$ 2.60 $\times$ 3. $56\frac{2}{3}$	
	<b>X</b> 4.72	
		Question ID : 600929763
		Status : Not Answered
		Chosen Option :
	A is 20% more than B, B is 18% less than C and C is 30% more than I following is true?	D. Which one of the
Ans	1. D is 6.6% less than B	
	2. A is 2.08% less than C	
	3. A is 27.92% more than D	
	4. C is 23.4% more than B	
	4. C is 25.4% Hittle trial b	
		Qu <mark>estio</mark> n ID : <b>600929769</b>
		Status : Not Answered
Q.20	The average weight of n persons in a group was 68.4 kg. Later on, 5 59.2 kg, 60.4 kg, 62 kg, 76.4 kg and 78 kg joined the group. As a res of all persons in the group decreased by 0.12 kg. The value of n is:	Chosen Option : persons having weights
Q.20 Ans	59.2 kg, 60.4 kg, 62 kg, 76.4 kg and 78 kg joined the group. As a res	persons having weights ult, the average weight
	59.2 kg, 60.4 kg, 62 kg, 76.4 kg and 78 kg joined the group. As a res of all persons in the group decreased by 0.12 kg. The value of n is:  1.50 2.40 3.35	Chosen Option : persons having weights
	59.2 kg, 60.4 kg, 62 kg, 76.4 kg and 78 kg joined the group. As a res of all persons in the group decreased by 0.12 kg. The value of n is:  1.50 2.40 3.35	Chosen Option :  persons having weights ult, the average weight  Question ID : 600929772
Ans	59.2 kg, 60.4 kg, 62 kg, 76.4 kg and 78 kg joined the group. As a res of all persons in the group decreased by 0.12 kg. The value of n is:  1.50 2.40 3.35	Chosen Option :  persons having weights ult, the average weight  Question ID : 600929772  Status : Not Answered
Ans	59.2 kg, 60.4 kg, 62 kg, 76.4 kg and 78 kg joined the group. As a res of all persons in the group decreased by 0.12 kg. The value of n is:  1.50  2.40  3.35  4.45  A phasor is a complex number that represents of a sinusoid	Chosen Option :  persons having weights ult, the average weight  Question ID : 600929772 Status : Not Answered Chosen Option :
Ans	59.2 kg, 60.4 kg, 62 kg, 76.4 kg and 78 kg joined the group. As a res of all persons in the group decreased by 0.12 kg. The value of n is:  1.50 2.40 3.35 4.45	Chosen Option :  persons having weights ult, the average weight  Question ID : 600929772 Status : Not Answered Chosen Option :
Ans Section	59.2 kg, 60.4 kg, 62 kg, 76.4 kg and 78 kg joined the group. As a res of all persons in the group decreased by 0.12 kg. The value of n is:  1.50  2.40  3.35  4.45  A phasor is a complex number that represents of a sinusoid	Chosen Option :  persons having weights ult, the average weight  Question ID : 600929772 Status : Not Answered Chosen Option :
Ans Section	59.2 kg, 60.4 kg, 62 kg, 76.4 kg and 78 kg joined the group. As a res of all persons in the group decreased by 0.12 kg. The value of n is:  1.50 2.40 3.35 4.45  A phasor is a complex number that represents of a sinusoid 1. Only phase	Chosen Option :  persons having weights ult, the average weight  Question ID : 600929772 Status : Not Answered Chosen Option :
Ans Section	59.2 kg, 60.4 kg, 62 kg, 76.4 kg and 78 kg joined the group. As a res of all persons in the group decreased by 0.12 kg. The value of n is:  1. 50  2. 40  3. 35  4. 45  A phasor is a complex number that represents of a sinusoid  1. Only phase  2. Only frequency	Chosen Option :  persons having weights ult, the average weight  Question ID : 600929772 Status : Not Answered Chosen Option :
Ans Section	59.2 kg, 60.4 kg, 62 kg, 76.4 kg and 78 kg joined the group. As a res of all persons in the group decreased by 0.12 kg. The value of n is:  1. 50  2. 40  3. 35  4. 45  A phasor is a complex number that represents of a sinusoid  1. Only phase  2. Only frequency  3. Only amplitude	Chosen Option :  persons having weights ult, the average weight  Question ID : 600929772 Status : Not Answered Chosen Option :
Ans Section	59.2 kg, 60.4 kg, 62 kg, 76.4 kg and 78 kg joined the group. As a res of all persons in the group decreased by 0.12 kg. The value of n is:  1. 50  2. 40  3. 35  4. 45  A phasor is a complex number that represents of a sinusoid  1. Only phase  2. Only frequency  3. Only amplitude	Chosen Option :  persons having weights ult, the average weight  Question ID : 600929772 Status : Not Answered Chosen Option :

Q.2 Ans	As you ICL in a building the illumination level required for bitchen in	
	As per ISI, in a building, the illumination level required for kitchen is 1. 200 lux	:
Allo	*	
	× 2. 100 lux	
	X 3. 50 lux	
	X 4. 150 lux	
		Question ID: 600929890
		Status: Not Answered
		Chosen Option :
Q.3	In a circuit, voltage and current are given by $V = 10 \sin (\omega t + 30^{\circ})$ and $I = 10 \sin (\omega t + 30^{\circ})$	ot – 30°). Calculate the power
Ans	consumed in this circuit:  1. 100 W	
	× 2.50 W	
	X 3. 15 W	
	4. 25 W	
	4. 25 W	
		Question ID : <b>600929811</b>
		Status: Answered
		Chosen Option : 4
Q.4	All synchronous generators are invariably	
Ans	1. 3-phase star connected machines	
	X 2. 1-phase delta connected machines	
	X 3. 3-phase delta connected machines	
	X 4. 1-phase star connected machines	
		Question ID : 600929831
		Status : <b>Answered</b> Chosen Option : 1
	A 460 V series mater runs at E00 runs taking a surrent of 40 A. Cala	
Q.5	A 460 V series motor runs at 500 rpm taking a current of 40 A. Calc	ulate the percentage
	change in torque if the load is changed so that the motor takes 30 A	ulate the percentage
Q.5 Ans	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%	ulate the percentage
	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%	ulate the percentage
	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%  3. 43.75%	ulate the percentage
	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%	ulate the percentage
	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%  3. 43.75%	ulate the percentage
	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%  3. 43.75%	Question ID: 600929826 Status: Not Answered
	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%  3. 43.75%	Question ID : <b>600929826</b>
Ans	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%  3. 43.75%  4. 68.75%	Question ID : 600929826 Status : Not Answered
Ans	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%  3. 43.75%  4. 68.75%  The steady-state error due to unit step input to a type-1 system is:	Question ID: 600929826 Status: Not Answered
Ans	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%  3. 43.75%  4. 68.75%  The steady-state error due to unit step input to a type-1 system is:  1. 1/ (1 + kp)	Question ID: 600929826 Status: Not Answered
Ans	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%  3. 43.75%  4. 68.75%  The steady-state error due to unit step input to a type-1 system is:  1. 1/ (1 + kp)  2. Zero	Question ID : 600929826 Status : Not Answered
Ans	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%  3. 43.75%  4. 68.75%  The steady-state error due to unit step input to a type-1 system is:  1. 1/ (1 + kp)  2. Zero  3. 1/ Kp	Question ID: 600929826 Status: Not Answered
Ans	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%  3. 43.75%  4. 68.75%  The steady-state error due to unit step input to a type-1 system is:  1. 1/ (1 + kp)  2. Zero	Question ID: 600929826 Status: Not Answered
Ans	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%  3. 43.75%  4. 68.75%  The steady-state error due to unit step input to a type-1 system is:  1. 1/ (1 + kp)  2. Zero  3. 1/ Kp	Question ID : 600929826 Status : Not Answered
Ans	change in torque if the load is changed so that the motor takes 30 A  1. 31.25%  2. 56.25%  3. 43.75%  4. 68.75%  The steady-state error due to unit step input to a type-1 system is:  1. 1/ (1 + kp)  2. Zero  3. 1/ Kp	Question ID: 600929826 Status: Not Answered Chosen Option:

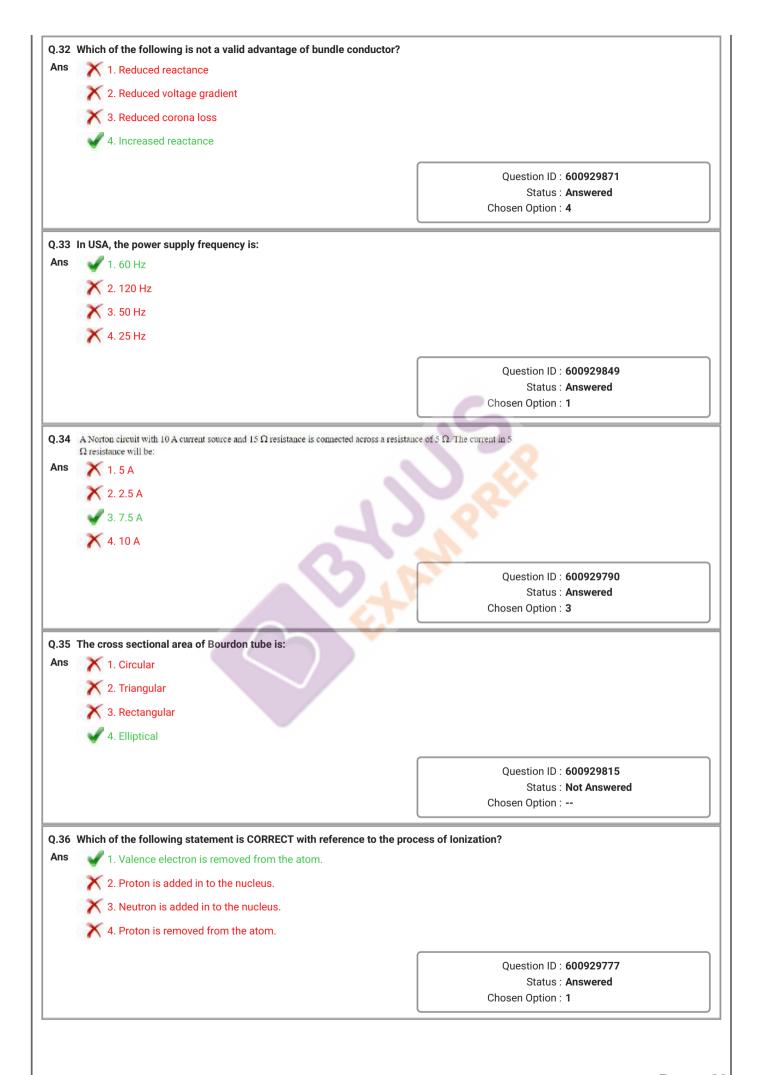




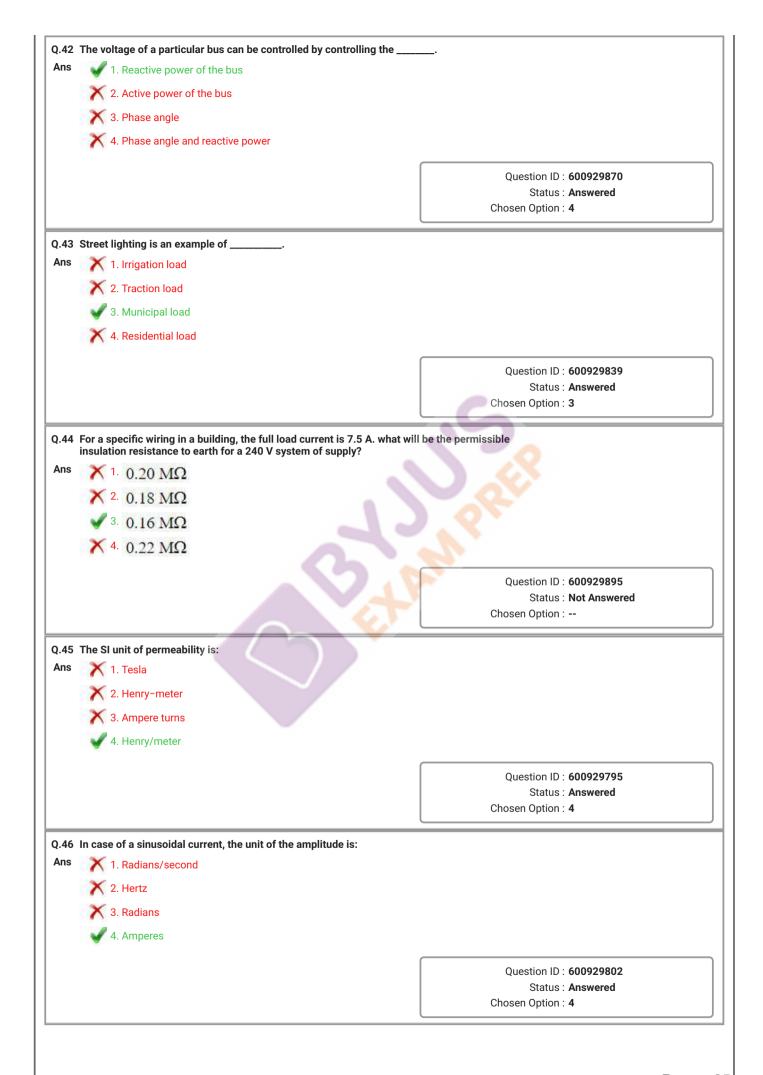
# Q.17 The ripple factor of a half-wave rectifier is: Ans 1. 0.48 3. 2.5 **X** 4. 1.21 Question ID: 600929865 Status: Answered Chosen Option: 4 Q.18 Which of the following application of electrolysis is not covered under electro-deposition? 1. Electro-polishing 2. Electro-facing 3. Electroplating 4. Electroforming Question ID: 600929861 Status: Not Answered Chosen Option: --Q.19 The flowmeter which cannot measure bidirectional flow is: Ans 1. Ultrasonic flowmeter 2. Turbine flowmeter 3. Electromagnetic flowmeter 4. Coriolis mass flowmeter Question ID: 600929819 Status: Not Answered Chosen Option: --Q.20 Effect of increase in temperature in overhead transmission line is to: Ans 1. Increase the stress but decrease the length 2. Decrease the stress and length 3. Decrease the stress but increase the length X 4. Increase the stress and length Question ID: 600929845 Status: Answered Chosen Option: 4 Q.21 Open loop transfer function of a closed loop control system is defined as: 🔀 1. Actuating signal / feedback signal 2. Output / feedback signal 3. Output / actuating signal 4. Feedback signal / actuating signal Question ID: 600929882 Status : Not Attempted and Marked For Review Chosen Option: --

	A standard conductor cable is expressed as 3/0.029. The number of s	trands in the cable is:
Ans	1.6	
	2.9	
	✓ 3.3	
	<b>×</b> 4.7	
	• •	
		Question ID : 600929851
		Status: Answered
		Chosen Option : 3
Q.23	The outermost orbit of a Germanium atom has electrons.	
Ans	<b>X</b> 1.16	
	<b>√</b> 2. 4	
	<b>X</b> 3.18	
	× 4.8	
	4. 6	
		Question ID : 600929778
		Status : <b>Answered</b>
		Chosen Option : 2
0.24	What will be the Magnetomotive force in a coil having 250 turns and c	arrying a current of 10
Q.24	A?	arrying a current or 10
Ans	X 1. 25000 AT	
	× 2. 25 AT	
	X 3. 250 AT	
	✓ 4. 2500 AT	
	4. 2000 Al	
		Question ID : <b>600929798</b>
		Status : Answered
		Chosen Option : 4
Q.25	Which of the following factor is always greater than unity?	
Ans	X 1. Coincidence factor	
	X 2. Load factor	
	X 3. Use factor	
	✓ 4. Diversity factor	
	4. Diversity factor	
		Question ID : 600929840
		Status : <b>Answered</b>
		Chosen Option : 4
0.26	In case of a copper atom, atomic weight is 64 and atomic number is 2	Chosen Option : 4
Q.26	In case of a copper atom, atomic weight is 64 and atomic number is 2 number of neutrons in a copper atom?	Chosen Option : 4
Q.26 Ans	number of neutrons in a copper atom?  1.35	Chosen Option : 4
	number of neutrons in a copper atom?  1.35	Chosen Option : 4
	number of neutrons in a copper atom?  1.35	Chosen Option : 4
	number of neutrons in a copper atom?  1.35  2.64  3.93	Chosen Option : 4
	number of neutrons in a copper atom?  1.35	Chosen Option : 4
	number of neutrons in a copper atom?  1.35  2.64  3.93	9. What will be the  Question ID: 600929782
	number of neutrons in a copper atom?  1.35  2.64  3.93	9. What will be the

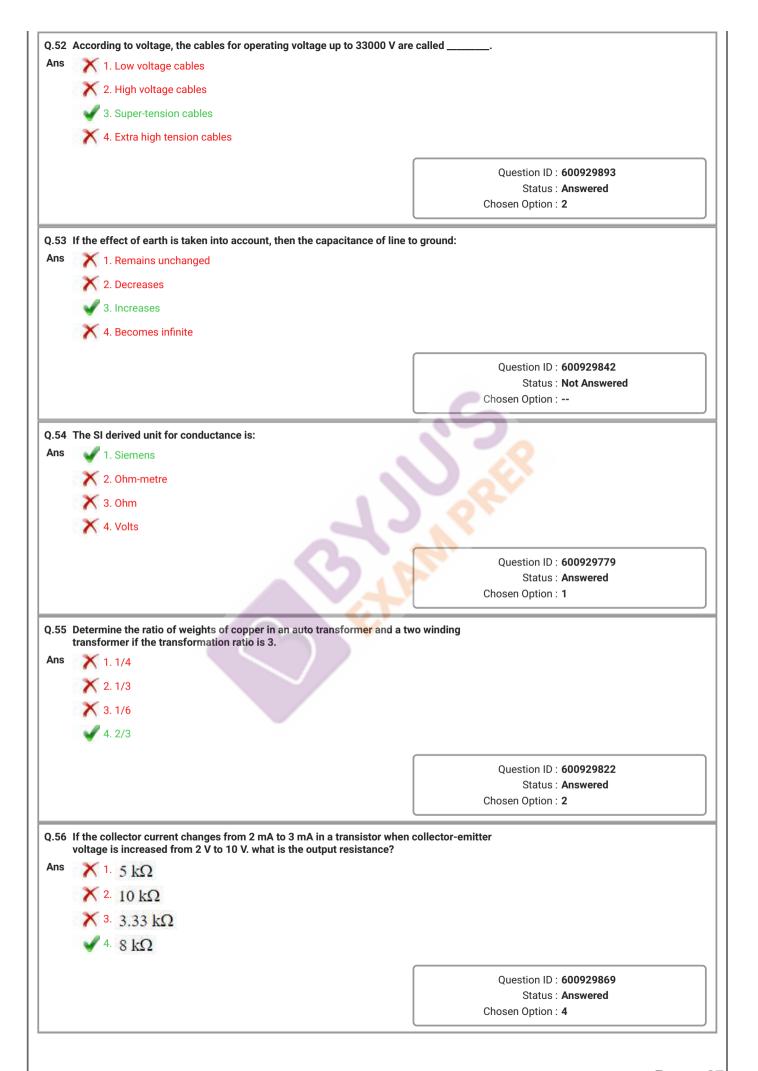
Q.27	What should be the chording angle for eliminating 5th harmoni generated in the phase of a 3-phase alternator?	ic from the phase e.m.f.
Ans	✓ 1. 1/5 × full-pitch	
	× 2. 2/5 × full-pitch	
	× 3. 3/5 × full-pitch	
	× 4. 5 × full-pitch	
	No Stan pitch	
		Question ID : 600929834 Status : Answered
		Chosen Option : 2
0.28	If the input frequency of a bridge rectifier is 100 Hz, then the o	output frequency will be:
Ans	<b>X</b> 1. 50 Hz	
	× 2. 100 Hz	
	X 3. 400 Hz	
	<b>√</b> 4. 200 Hz	
		Question ID : <b>600929866</b>
		Status : Answered
		Chosen Option : 4
Q.29	The frequency of a sinusoidal signal is 50 Hz. What will be the	period of the signal?
Ans	1. 20 ms	
	× 2.30 ms	
	X 3. 50 ms	
	X 4. 10 ms	
		Question ID : 600929803
		Status : <b>Answered</b> Chosen Option : <b>1</b>
		Shocki option: 1
	Which of the following part is not located inside the cathode ra	ay tube of the CRO?
Ans	1. Electron gun	
	2. Time base generator	
	3. Vertical deflection plates	
	4. Horizontal deflection plates	
		Question ID : 600929812
		Status : <b>Answered</b> Chosen Option : <b>2</b>
Q.31 Ans	The coefficient of reflection of voltage for a short circuited line	e is:
Alls	X 1. 1.0	
	2.0	
	✓ 31.0 × 4.2.0	
	4. 2.0	
		Question ID: 600929843
		Status : <b>Answered</b> Chosen Option : <b>3</b>
		55561. 5ption. 5

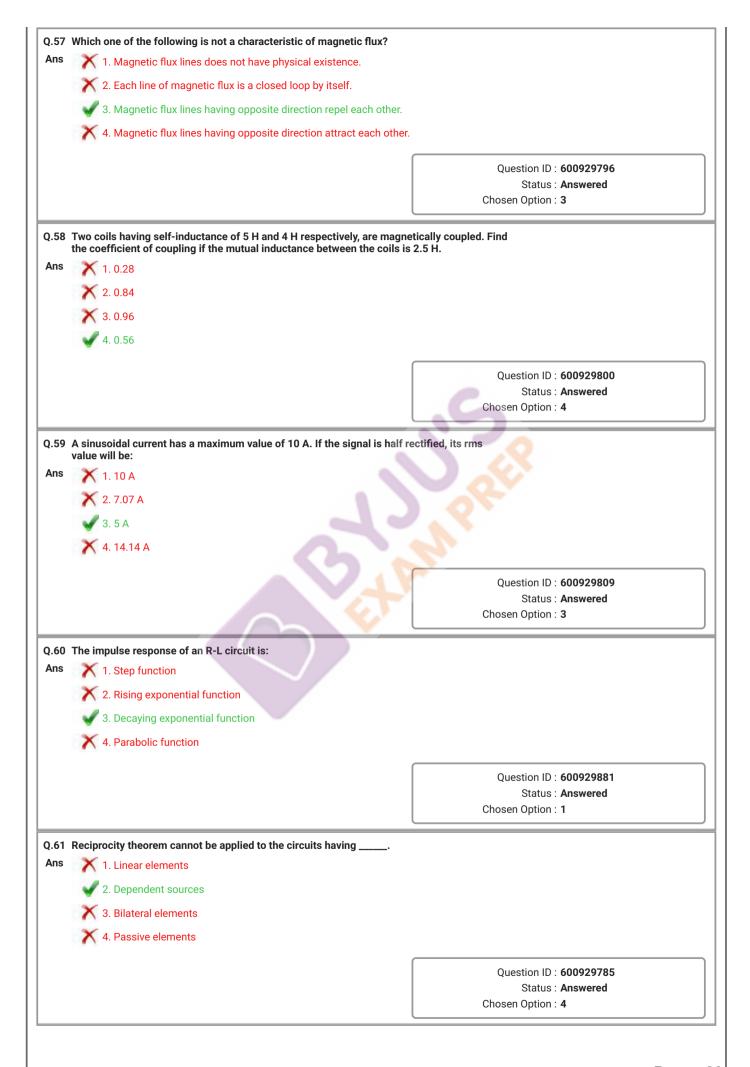


Q.37	What will be the current in 80 $\boldsymbol{\Omega}$ resistor if it is connected to	a supply of 220 V?
Ans	1. 2.25 A	
	2. 2.75 A	
	× 3. 2.50 A	
	X 4. 1.75 A	
		Question ID: 600929780
		Status : <b>Answered</b> Chosen Option : <b>2</b>
		Chosen Option . 2
Q.38	In a small flat there are 5 light points and 2 fan points. How	many sub-circuits are required
Ans	for the flat?	
AllS	<b>X</b> 1.4	
	× 2.2	
	<b>X</b> 3.3	
	4.1	
		Question ID: 600929855
		Status: Answered
		Chosen Option : 4
Q.39	For a specific wiring in a building, the full load current is 10 permissible leakage current?	A. what will be the maximum
Ans	X 1. 0.008 A	
	2. 0.002 A	
	X 3. 0.005 A	
	× 4. 0.003 A	
	4. 0.003 A	
		Question ID : 600929892
		Status : Answered
		Chosen Option : 3
Q.40	Which of the following is most commonly used insulator ma	nterial for overhead lines?
Ans	🔀 1. Wood	
	× 2. Steatite	
	X 3. Glass	
	4. Porcelain	
	4.1 dicciaiii	
		Question ID: 600929891
		Status : Answered
		Chosen Option : 4
Q.41	Two coils having self-inductance of 10 H and 15 H are conn connection. Find total inductance of the series connection, i between the coils is 2.5 H.	
Ans	1. 22.5 H	
	× 2.27.5 H	
	3.30 H	
	<b>★</b> 4. 25 H	
		Question ID : 600929801
		Status : Answered
		Chosen Option : 3



Q.47	Lamp efficiency is expressed in:	
Ans	X 1. Lumens-meter	
	X 2. Lumens/ meter	
	X 3. Lux	
	✓ 4. Lumens/watt	
		Question ID : 600929857 Status : Answered
		Chosen Option : 4
0.40	For a transistor connected in common base connection, collector current is 0.95 mA and base	to our point is 0.05 m A. Find
	the value of $\alpha$ :	e current is 0.05 mA. I mu
Ans	1. 1.00	
	× 2. 0.5	
	3. 0.95	
	4. 0.05	
		Question ID : 600929867
		Status : Answered
		Chosen Option : 3
Q.49 Ans	In a DC motor, the mechanical output power actually comes from:  1. Field system	
	2. Back e.m.f.	
	2. Back e.m.r.  3. Airgap flux	
	4. Electrical input power	
		Question ID : 600929820
		Status : Answered
		Chosen Option : 2
Q.50	In human body temperature control system, the command input is:	
Ans	X 1. Temperature of the surroundings	
	X 2. Initial temperature of the body	
	3. Desired skin temperature	
	X 4. Actual skin temperature	
		Outstill ID Concessor
		Question ID : 600929880 Status : Answered
		Observe Outlines 4
		Chosen Option : 1
0.51	For determination of load of an installation if not appointed the retire a	
Q.51	For determination of load of an installation, if not specified, the rating a socket outlet is	
Q.51 Ans	socket outlet is  1. 600 W	
	socket outlet is  1. 600 W  2. 2000 W	
	socket outlet is  1. 600 W	
	socket outlet is  1. 600 W  2. 2000 W	
	socket outlet is  1. 600 W  2. 2000 W  3. 500 W	ssumed for power
	socket outlet is  1. 600 W  2. 2000 W  3. 500 W	



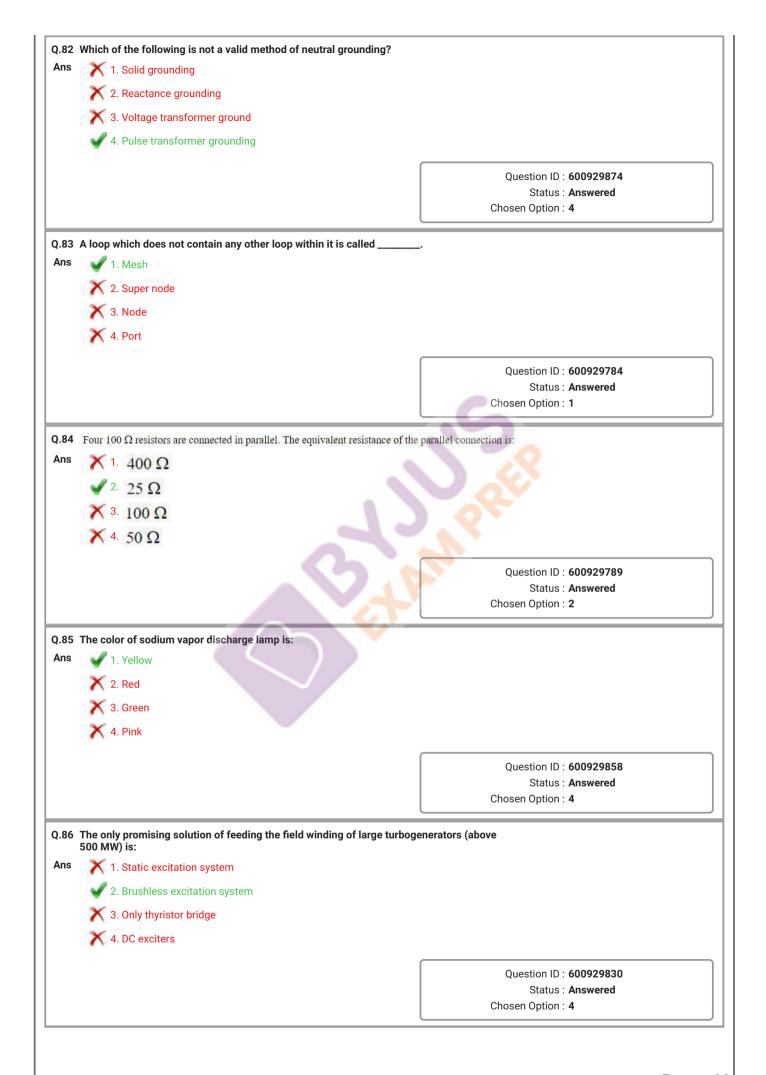


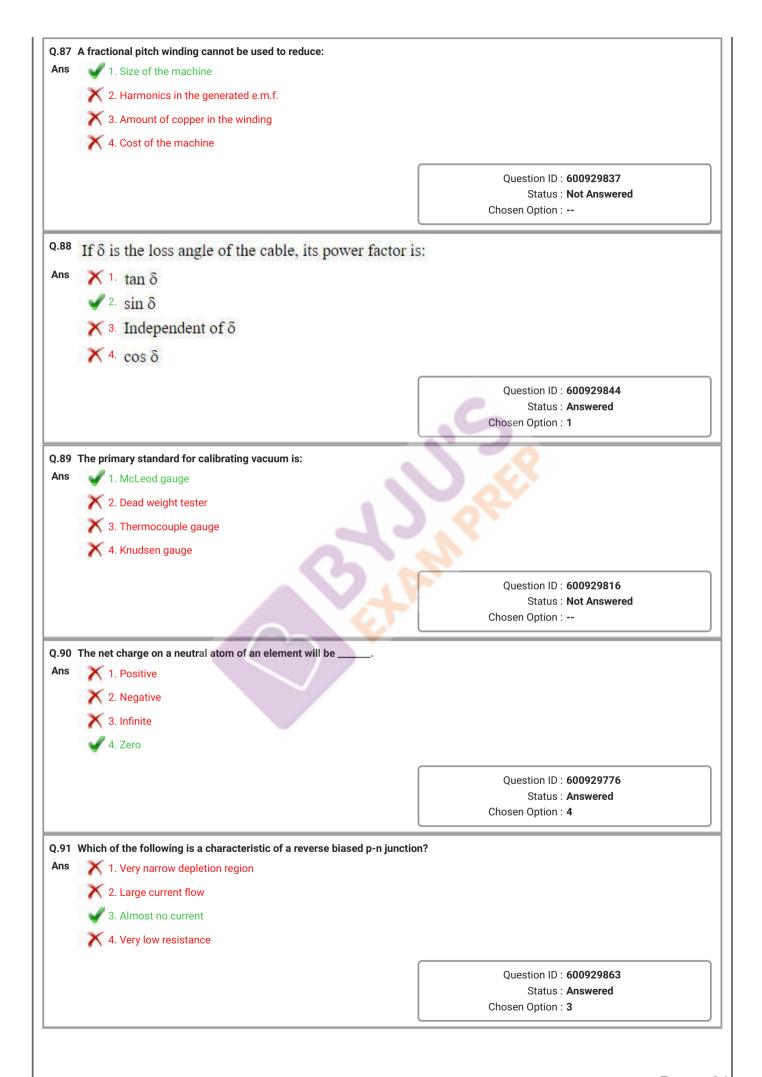
Q.62 With reference to the error analysis of the control systems, the term 'acc constant' stands for:	celeration error
Ans 1. Ramp error constant	
2. Step error constant	
3. Parabolic error constant	
X 4. Position error constant	
	Question ID : 600929885 Status : Not Answered
	Chosen Option :
Q.63 Which of the following defect is most likely to cause a single-phase ind	uction motor to run
slower than normal?	
Ans X 1. Improper fuses	
2. Shorted running winding	
3. Open starting winding	
4. Worn bearings	
	Question ID : 600929824
	Status : <b>Answered</b>
	Chosen Option : 4
Q.64 Which one of the following is a common application of a crystal diode?	7.0
Ans X 1. A voltage regulator	
× 2. An amplifier	
√ 3. A rectifier	
X 4. An Oscillator	
	Question ID : 600929864
	Status : <b>Answered</b> Chosen Option : <b>3</b>
Q.65 The chording angle for eliminating fifth harmonic should be:	
Ans X 1. 35°	
× 2. 45°	
√ 3. 30°	
× 4. 40°	
	Question ID : <b>600929835</b>
	Status : Answered
	Chosen Option : 1
Q.66 D-type cartridge fuses have ratings from	
Ans 1.15 A to 75 A	
× 2. 1 A to 100 A	
3. 2 A to 63 A	
X 4. 1 A to 5 A	
	Question ID : 600929852
	Status: Not Answered
	Chosen Option :

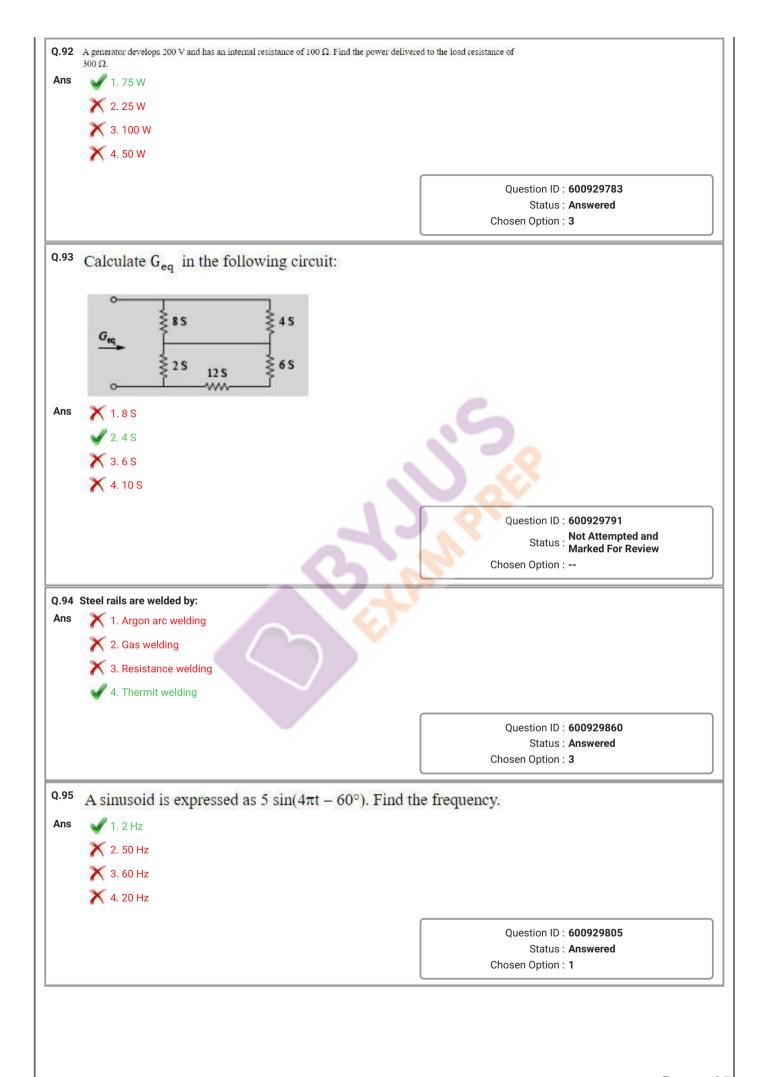
Q.67	As per IE Rules, the terminal voltage must be within the range, voltage is 240 V.	if the nominal
Ans	1. 225 V to 255 V	
	✓ 2. 228 V to 252 V	
	X 3. 220 V to 260 V	
	X 4. 215 V to 265 V	
		Question ID : 600929850 Status : Answered
		Chosen Option : 3
	A 3-phase induction motor is wound for 4 poles and is supplied from 50	O Hz supply.
Ans	Calculate the rotor speed if the slip is 4%.  1. 1600 rpm	
Allo		
	2. 1500 rpm	
	3. 1560 rpm	
	<b>√</b> 4. 1440 rpm	
		Question ID : 600929828
		Status : <b>Answered</b> Chosen Option : <b>4</b>
		Chosen Option . 4
	If two coils are magnetically coupled and if the entire flux produced by with another coil, the coefficient of coupling k will be:	one coil is linked
Ans	X 1. 0.75	
	<b>X</b> 2. 0	
	<b>X</b> 3. 0.5	
	<b>√</b> 4.1	
		Question ID : 600929799 Status : Answered
		Chosen Option : 4
Q.70	A 6-pole, 50 Hz, 3-phase induction motor has a full load speed of 950 r	pm. What will be the
Ans	speed at half-load?	
AllS	1. 1000 rpm	
	2. 500 rpm	
	3. 475 rpm	
	<b>√</b> 4. 975 rpm	
	<b>√</b> 4. 975 rpm	Question ID: 600929825
	<b>√</b> 4. 975 rpm	Status : <b>Answered</b>
	<b>√</b> 4. 975 rpm	·
Q.71	4. 975 rpm  The power factor of a spot welding machine is expected to be around:	Status : <b>Answered</b>
Q.71 Ans		Status : <b>Answered</b>
	The power factor of a spot welding machine is expected to be around:	Status : <b>Answered</b>
	The power factor of a spot welding machine is expected to be around:  1. unity	Status : <b>Answered</b>
	The power factor of a spot welding machine is expected to be around:  1. unity 2. 0.8 lagging	Status : <b>Answered</b>
	The power factor of a spot welding machine is expected to be around:  1. unity 2. 0.8 lagging 3. 0.8 leading	Status : Answered Chosen Option : 4
	The power factor of a spot welding machine is expected to be around:  1. unity 2. 0.8 lagging 3. 0.8 leading	Status : <b>Answered</b>

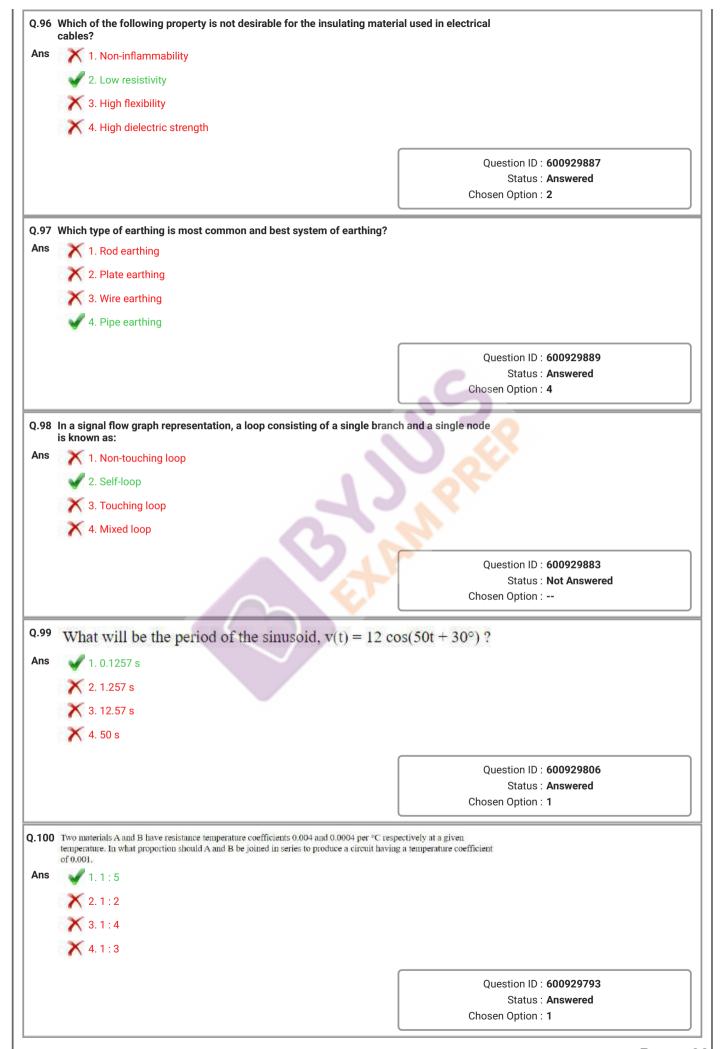
# Q.72 Which of the following statement is TRUE in case of a HVDC system? Ans 1. neither charging current nor skin effect X 2. charging current as well as skin effect X 3. charging current but no skin effect 4. no charging current but skin effect Question ID: 600929876 Status: Answered Chosen Option: 1 Q.73 Demand factor is defined as: X 1. Ratio of connected load to maximum demand 2. The sum of individual maximum demands X 3. Ratio of average load to maximum demand 4. Ratio of maximum demand to connected load Question ID: 600929838 Status: Answered Chosen Option: 4 Q.74 In a non-magnetic material, the graph of flux density (B) versus filed strength (H) is: X 1. A straight horizontal line parallel to the X-axis 2. A straight line passing through the origin X 3. An exponentially rising curve 4. An exponentially falling curve Question ID: 600929797 Status: Answered Chosen Option: 2 Q.75 Weber is the unit of \_\_\_ X 1. Reluctance 2. Magnetomotive force 3. Magnetic flux density 4. Magnetic flux Question ID: 600929794 Status: Answered Chosen Option: 4 Q.76 Impulse ratios of insulators and lightning arresters should be: 1. High and low respectively 2. Low and high respectively 3. Both low X 4. Both high Question ID: 600929841 Status: Answered Chosen Option: 1

	A lighting discharge between clouds during a thunder storm is of 30 C. I discharge is 10 msec. Determine the average lighting current:	The time of the
Ans	X 1.2 kA	
	2.3 kA	
	X 3.4 kA	
	X 4.1 kA	
		Question ID: 600929781 Status: Not Answered
		Chosen Option :
Q.78 Ans	Resistance switching is normally resorted in which of the following type  1. Controlled break oil circuit breakers	of circuit breaker?
7410	2. Air blast circuit breakers	
	3. Bulk oil circuit breakers	
	4. Minimum oil circuit breakers	
		Question ID : 600929872
		Status : Not Answered
		Chosen Option :
Q.79	Considering the principle of duality, which of the following pair is INVAL	ID dual pair?
Ans	1. Resistance and Conductance	
	2. Impedance and Reactance	
	X 3. Voltage and Current	
	X 4. Inductance and Capacitance	
		Question ID : 600929786
		Status : <b>Answered</b> Chosen Option : <b>2</b>
	What will be the phase difference between the two sinusoidal voltages $V_1 = -10 \cos(\omega t + 50^\circ)$	and $V_2 = 12 \sin(\omega t - 10^\circ)$ ?
Ans	<b>√</b> 1. 30°	
	<b>×</b> 2. 90°	
	<b>✗</b> 3. 120°	
	× 4. 60°	
		Ouestion ID : 600929808
		Status : Answered
		Chosen Option : 4
0.81	Which of the following connection is best suited for 3-phase, 4-wire ser	vice?
Ans	X 1. Delta-delta	
	2. Delta-star	
	X 3. Star-star	
	X 4. Star-delta	
	4. Star-ueita	
		Question ID : 600929821
		Status: Answered
		Chosen Option : 2









	total voltage. Find the string effi	iciency.	
Ans	1.25%	•	
	2. 33.33%		
	3. 66.67%		
	4.75%		
	•		
			Question ID : 600929847
			Status : <b>Answered</b> Chosen Option : <b>4</b>
			·
		as 40.0 ± 0.5 mm. The estimated error in	n its mass is:
Ans	1. ± 0.125%		
	2. ± 1.25 %		
	3. ± 3.75%		
	× 4. ± 12.5%		
			Ouestion ID : 600929817
			Question ID: 600929817 Status: Not Answered
			Chosen Option :
			73
2.103		be resistance variable from 5 $\Omega$ to 25 $\Omega$ and wer transfer, the source resistance should be	
A		er transfer, the source resistance should t	ic.
Ans	Χ 1. 5 Ω		
	√ 2. 10 Ω		
	× 3. 15 Ω		
	× 4. 25 Ω		
			Outsties ID - C00000700
			Question ID : 600929788
			Status : Answered
			Status : <b>Answered</b> Chosen Option : <b>2</b>
104	The lawrest possible value of co	lid anala is	
	The largest possible value of so	lid angle is	
	🗶 1. π	lid angle is	
	🗶 1. π	lid angle is	
	X 1. π X 2. 2 π X 3. 3 π	lid angle is	
	🗶 1. π	lid angle is	
	X 1. π X 2. 2 π X 3. 3 π	lid angle is	Chosen Option : 2
	X 1. π X 2. 2 π X 3. 3 π	lid angle is	Question ID: 600929856 Status: Answered
Q.104 Ans	X 1. π X 2. 2 π X 3. 3 π	lid angle is	Chosen Option: 2  Question ID: 600929856
Ans	X 1. π X 2. 2 π X 3. 3 π V 4. 4 π	lid angle is  In g is $68.0\ \Omega$ . The number of significant fig	Question ID: 600929856 Status: Answered Chosen Option: 2
Ans	X 1. π X 2. 2 π X 3. 3 π V 4. 4 π  A resistance measurement reading		Question ID: 600929856 Status: Answered Chosen Option: 2
Ans	X 1. π X 2. 2 π X 3. 3 π V 4. 4 π  A resistance measurement readin X 1. 2		Question ID: 600929856 Status: Answered Chosen Option: 2
Ans	$\times$ 1. π $\times$ 2. 2 π $\times$ 3. 3 π $\checkmark$ 4. 4 π A resistance measurement readin $\times$ 1. 2 $\times$ 2. 1		Question ID: 600929856 Status: Answered Chosen Option: 2
Ans 2.105	$\times$ 1. π $\times$ 2. 2 π $\times$ 3. 3 π $\checkmark$ 4. 4 π A resistance measurement readin $\times$ 1. 2 $\times$ 2. 1		Question ID: 600929856 Status: Answered Chosen Option: 2
Ans Q.105	X 1. π X 2. 2 π X 3. 3 π V 4. 4 π  A resistance measurement readin X 1. 2		Question ID: 600929856 Status: Answered Chosen Option: 2
Ans	$\times$ 1. π $\times$ 2. 2 π $\times$ 3. 3 π $\checkmark$ 4. 4 π A resistance measurement readin $\times$ 1. 2 $\times$ 2. 1		Question ID: 600929856 Status: Answered Chosen Option: 2
Ans Q.105	$\times$ 1. π $\times$ 2. 2 π $\times$ 3. 3 π $\checkmark$ 4. 4 π A resistance measurement readin $\times$ 1. 2 $\times$ 2. 1		Question ID: 600929856 Status: Answered Chosen Option: 2

Q.106 A stepper motor has a step angle of 2.5°. Calculate the number of steps required for the shaft to make 25 revolutions. Ans 2. 3600 **X** 4. 900 Question ID: 600929827 Status: Answered Chosen Option: 2 Q.107 In a star connected resistive network, each resistor has a value of 100 Ω. If the star to delta conversion is performed, each resistor in delta network will be: Ans × 1. 200 Ω Χ 2. 150 Ω X 3. 250 Ω 4. 300 Ω Question ID: 600929792 Status: Answered Chosen Option: 4 Q.108 The e.m.f. generated in an alternator is independent of: Ans 1. Speed 2. Type of alternator 3. Series turns per phase X 4. Coil span Question ID: 600929833 Status: Answered Chosen Option: 2 Q.109 For a sinusoidal wave, the value of the Crest factor is: Ans 3. 0.707 **X** 4. 1.11 Question ID: 600929810 Status: Answered Chosen Option: 2 Q.110 Which of the following is a disadvantage of synchronous motor over induction motor for power requirements from 35 kW up to about 2500 kW? 1. Cost 2. Size 3. Weight 4. Requirement of DC supply for field Question ID: 600929832 Status: Answered Chosen Option: 4

Q.111	Which of the following is not a part of Brushless Excitation scher machines?	ne used for synchronous
Ans	1. Pilot exciter	
	X 2. Main exciter	
	3. Brushes	
	X 4. 3-phase alternator	
	n o phase attenutor	
		Question ID : <b>600929829</b>
		Status : Answered
		Chosen Option : 2
.112	$2$ A 50 Hz overhead line has line to earth capacitance of 1 $\mu$ F. It is a fault neutralizer. Determine the reactance to neutralize the capacitane.	decided to use an earth itance of entire length of
Ans	1. 1061 Ω	
	× 2. 2000 Ω	
	Χ 3. 1261 Ω	
	Χ 4. 1000 Ω	
		Question ID : 600929875 Status : Not Answered
		Chosen Option :
.113	For a transistor $\beta=45$ and voltage drop across 1 $k\Omega$ resistor, which is connected in base current for CE configuration.	the collector circuit is 1 volt. Find
Ans	X 1. 22 mA	
	✓ 2. 0.022 mA	
	3. 0.22 mA	
	<b>★</b> 4. 2.2 mA	
		Question ID : 600929868
		Status : Not Answered
		Chosen Option :
11/	Phase modifier is normally installed in	
Ans	X 1. Short transmission lines	
	X 2. Medium transmission lines	
	- C	
	3. Long transmission lines	
	4. All transmission lines	
		Question ID : 600929846
		Status : Not Answered
		Chosen Option :
.115 Ans	To construct the dual of a four-mesh network how many nodes a	re required?
AIIS	<b>X</b> 1.4	
	× 2.2	
	<b>X</b> 3.3	
	<b>√</b> 4. 5	
		Question ID : 600929787 Status : Not Answered
		Chosen Option :
		· ·

	In SI system, the base unit for the measurement of Luminous intensit	y is:	
Ans	1. Lumen		
	2. Candela		
	X 3. Tesla		
	× 4. Kelvin		
	4. Kelviii		
		Question ID : 600929813	
		Status : <b>Answered</b>	
		Chosen Option : 2	
	Which of the following alternatives will be cheaper?		
Ans	1. Ten motors of 10 HP each		
	2. Five motors of 20 HP each		
	√ 3. A 100 HP A.C. three phase motor		
	X 4. Four motors of 25 HP each		
	in our motors of 2011 cash		
		Question ID : 600929862	
		Status : <b>Answered</b>	
		Chosen Option : 3	
0.440			
Q.118 Ans	Which test is used to determine the efficiency of a traction motor?		
AllS	1. Field's test		
	2. Hopkinson's test		
	X 3. Retardation test		
	· ·		
	4. Swinburne's test		
	4. Swinburne's test		
	4. Swinburne's test	Question ID: <b>600929823</b>	
	4. Swinburne's test	Status : Answered	
	4. Swinburne's test		
Q.119		Status : Answered Chosen Option : 1	
	As per IS 3043-1966, pipe type earth electrode made up of s <mark>teel</mark> shou internal diameter.	Status : Answered Chosen Option : 1	
Q.119 Ans	As per IS 3043-1966, pipe type earth electrode made up of steel shou	Status : Answered Chosen Option : 1	
	As per IS 3043-1966, pipe type earth electrode made up of s <mark>teel</mark> shou internal diameter.	Status : Answered Chosen Option : 1	
	As per IS 3043-1966, pipe type earth electrode made up of steel shou internal diameter.  1. 24 mm  2. 30 mm	Status : Answered Chosen Option : 1	
	As per IS 3043-1966, pipe type earth electrode made up of steel shou internal diameter.  1.24 mm  2.30 mm  3.16 mm	Status : Answered Chosen Option : 1	
	As per IS 3043-1966, pipe type earth electrode made up of steel shou internal diameter.  1. 24 mm  2. 30 mm	Status : Answered Chosen Option : 1	
	As per IS 3043-1966, pipe type earth electrode made up of steel shou internal diameter.  1.24 mm  2.30 mm  3.16 mm	Status : Answered Chosen Option : 1	
	As per IS 3043-1966, pipe type earth electrode made up of steel shou internal diameter.  1.24 mm  2.30 mm  3.16 mm	Status : Answered Chosen Option : 1	
	As per IS 3043-1966, pipe type earth electrode made up of steel shou internal diameter.  1.24 mm  2.30 mm  3.16 mm	Status : Answered Chosen Option : 1  Ild not be smaller than  Question ID : 600929853	
Ans	As per IS 3043-1966, pipe type earth electrode made up of steel shound internal diameter.  1.24 mm  2.30 mm  3.16 mm  4.38 mm	Status : Answered Chosen Option : 1  Question ID : 600929853 Status : Answered Chosen Option : 2	
Ans Q.120	As per IS 3043-1966, pipe type earth electrode made up of steel shound internal diameter.  1.24 mm  2.30 mm  3.16 mm  4.38 mm	Status : Answered Chosen Option : 1  Question ID : 600929853 Status : Answered Chosen Option : 2	
Q.120	As per IS 3043-1966, pipe type earth electrode made up of steel shou internal diameter.  1.24 mm  2.30 mm  3.16 mm  4.38 mm  The minimum size of aluminium cable generally used for light and farmm having current capacity of	Status : Answered Chosen Option : 1  Question ID : 600929853 Status : Answered Chosen Option : 2	
Ans Q.120	As per IS 3043-1966, pipe type earth electrode made up of steel shou internal diameter.  1. 24 mm  2. 30 mm  3. 16 mm  4. 38 mm  The minimum size of aluminium cable generally used for light and farmm having current capacity of	Status : Answered Chosen Option : 1  Question ID : 600929853 Status : Answered Chosen Option : 2	
Q.120	As per IS 3043-1966, pipe type earth electrode made up of steel should internal diameter.  1. 24 mm  2. 30 mm  3. 16 mm  4. 38 mm  The minimum size of aluminium cable generally used for light and farmm having current capacity of  1. 20 A  2. 25 A	Status : Answered Chosen Option : 1  Question ID : 600929853 Status : Answered Chosen Option : 2	
Q.120	As per IS 3043-1966, pipe type earth electrode made up of steel shou internal diameter.  1. 24 mm 2. 30 mm 3. 16 mm 4. 38 mm  The minimum size of aluminium cable generally used for light and farmm having current capacity of  1. 20 A 2. 25 A 3. 10 A	Status : Answered Chosen Option : 1  Question ID : 600929853 Status : Answered Chosen Option : 2	
Q.120	As per IS 3043-1966, pipe type earth electrode made up of steel shou internal diameter.  1. 24 mm 2. 30 mm 3. 16 mm 4. 38 mm  The minimum size of aluminium cable generally used for light and farmm having current capacity of  1. 20 A 2. 25 A 3. 10 A	Status : Answered Chosen Option : 1  Question ID : 600929853 Status : Answered Chosen Option : 2	
Q.120	As per IS 3043-1966, pipe type earth electrode made up of steel should internal diameter.  1. 24 mm  2. 30 mm  3. 16 mm  4. 38 mm  The minimum size of aluminium cable generally used for light and farmm having current capacity of  1. 20 A  2. 25 A	Status : Answered Chosen Option : 1  Question ID : 600929853 Status : Answered Chosen Option : 2	
Q.120	As per IS 3043-1966, pipe type earth electrode made up of steel shou internal diameter.  1. 24 mm 2. 30 mm 3. 16 mm 4. 38 mm  The minimum size of aluminium cable generally used for light and farmm having current capacity of  1. 20 A 2. 25 A 3. 10 A	Status : Answered Chosen Option : 1  Question ID : 600929853 Status : Answered Chosen Option : 2	
Q.120	As per IS 3043-1966, pipe type earth electrode made up of steel shou internal diameter.  1. 24 mm 2. 30 mm 3. 16 mm 4. 38 mm  The minimum size of aluminium cable generally used for light and farmm having current capacity of  1. 20 A 2. 25 A 3. 10 A	Status : Answered Chosen Option : 1  Question ID : 600929853 Status : Answered Chosen Option : 2  n sub-circuits is 1/1.40	