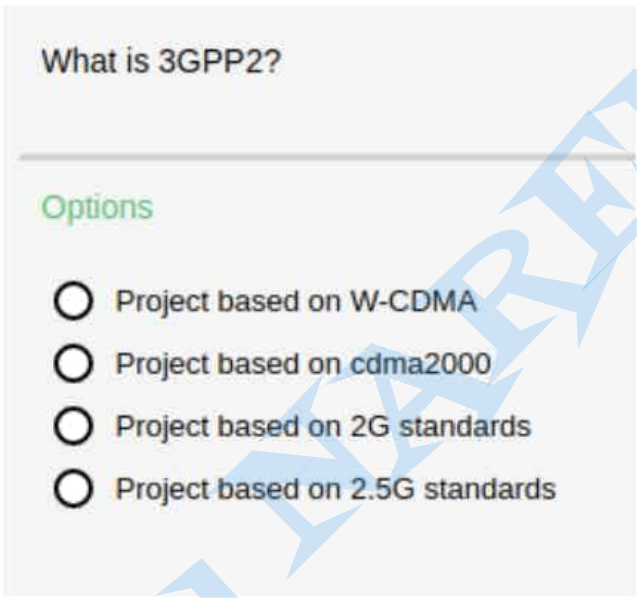
Q) What is 3GPP2?



Project based on W-CDMA
100% | 3 votes

Project based on edmaz000
0% | 0 votes

Project based on 26 standards
0% | 0 votes

Project based on 2.56 standards
0% | 0 votes

Search for questions or options

Q) Convert binary to octal: (110110001010)2 =?

Convert binary to octal: (110110001010)2 =?

Options

- (4532)8
- (5512)8
- (6745)8
- (6612)8

0 (4s32)8
25% | 3 votes

0 siz)
0% | 0 votes

0 o745)8
0% | 0 votes

0 (size
75% | 9 votes

Q) What is 3GPP2?

Q) Question No: 05

Multiple Choice (Select 1 out of 4 options, for the question below.)

If ac for transistor is 0.98 then Bac is equal to

Question No: 05

Multiple Choice (Select 1 out of 4 options, for the question below.)

If ac for transistor is 0.98 then βac is equal to

Options

- 49
- 47
- 45
- 51

Ow
100% | 6 votes

Ow
0% | 0 votes

Os
0% | 0 votes

On
0% | 0 votes

Search for questions or options

Q) The portion of the electromagnetic spectrum occupied by a signal is called

The portion of the electromagnetic spectrum occupied by a signal is called _____

Options

- Bandwidth
- Frequency width
- Signal strength
- Signal spectrum

Banawitn
100% | 4 votes

Frequency wiatn
0% | 0 votes

O Signal strengtn
0% | 0 votes

O Signal spectrum
0% | 0 votes

Search for questions or options

Q) At very high temperatures the extrinsic semiconductors become intrinsic because

At very high temperatures the extrinsic semiconductors become intrinsic because

Options

- drive in diffusion of dopants and carriers
- band to band transition dominants over impurity ionization
- impurity ionization dominants over band to band transition
- band to band transition is balanced by impurity ionization

A
0% | 0 votes

B
0% | 0 votes

C
100% | 1 votes

D
0% | 0 votes

Q) The ripple factor for a bridge rectifier is

The ripple factor for a bridge rectifier is

Options

- 1.41
- 0.54
- 1.21
- 0.48

O14
0% | 0 votes

O oss
0% | 0 votes

O 121
0% | 0 votes

O os
100% | 3 votes

Search for questions or options

Q) UMTS is also known as.

UMTS is also known as _____

Options

- CdmaOne
- IS-95
- W-CDMA
- GPRS

camaone
0% | 0 votes

O 1895
0% | 0 votes

O wecoma
100% | 6 votes

O prs
0% | 0 votes

Search for questions or options

Q) The power dissipation in a transistor is the product of

The power dissipation in a transistor is the product of

Options

- emitter current and emitter to base voltage
- emitter current and collector to emitter voltage
- collector current and collector to emitter voltage
- NONE OPTIONS ARE CORRECT

emitter current and emitter to base votage
16% | 1 votes

O emiter current and collector to emitter votage
0% | 0 votes

collector current and collector to emiter voage
83% | 5 votes

NONE OPTIONS ARE CORRECT
0% | 0 votes

Q) The maximum efficiency of Half wave rectifier is

The maximum efficiency of Half wave rectifier is

Options

- 33.33%
- 40.60%
- 50.00%
- 68.00%

0 23.22%
0% | 0 votes

40.60%
100% | 4 votes

50.00%
0% | 0 votes

«8.00%
0% | 0 votes

Q) The forbidden energy gap in semiconductors

The forbidden energy gap in semiconductors

Options

- is always zero
- lies just above the CB
- lies just below the VB
- lies between the VB and CB

A
0% | 0 votes

B
0% | 0 votes

C
0% | 0 votes

D
100% | 3 votes

Q) The maximum efficiency of Half wave rectifier is

Search for questions or options

Q) Which of the following is not an application of third generation network?

Which of the following is not an application of third generation network?

Options

- Mobile TV
- Global Positioning System (GPS)
- Downloading rate upto 1 Gbps
- Video conferencing

Movie Tv
0% | 0 votes

iobal Postioning System (GPS)
0% | 0 votes

downloading rate upto 1 Gbps
100% | 3 votes

O video conferencing
0% | 0 votes

Search for questions or options

Q) Which of the following is not an application of third generation network?

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Options

- Mobile TV
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- Downloading rate upto 1 Gbps
- Video conferencing

Movie Tv
0% | 0 votes

iobal Postioning System (GPS)
0% | 0 votes

downloading rate upto 1 Gbps
100% | 3 votes

O video conferencing
0% | 0 votes

Search for questions or options

Q) Which of the following leads to the 3G evolution of GSM, IS-136 and PDC systems?

Which of the following leads to the 3G evolution of GSM, IS-136 and PDC systems?

Options

- W-CDMA
- GPRS
- EDGE
- HSCSD

O wecoma
100% | 3 votes

O prs
0% | 0 votes

O evce
0% | 0 votes

O uscsp
0% | 0 votes

Search for questions or options

Q) Which one of the following is not a source of infrared radiation?

Which one of the following is not a source of infrared radiation?

Options

- Books
- Sun
- Human bodies
- Light bulbs

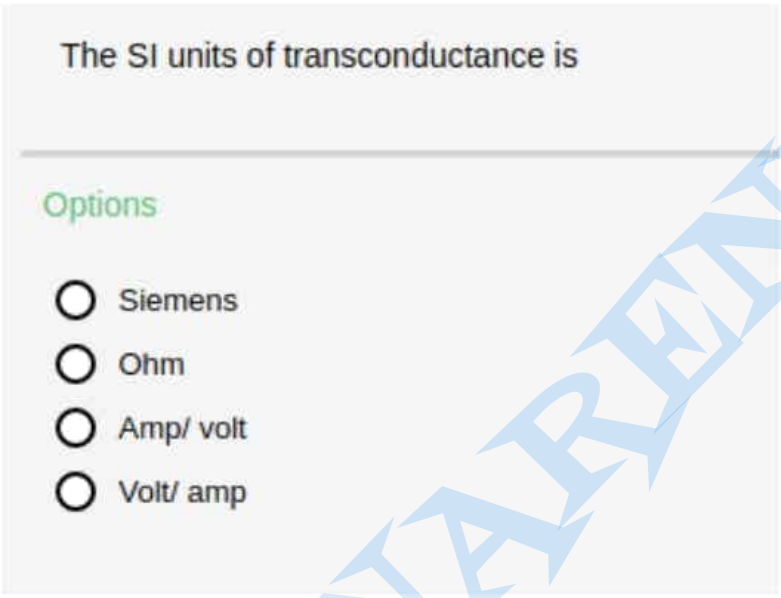
Books
100% | 3 votes

O sun
0% | 0 votes

Human bodies
0% | 0 votes

tight bubs
0% | 0 votes

Q) The SI units of transconductance is



O siemens
80% | 4 votes

O onm
0% | 0 votes

Amprvor
20% | 1 votes

O vowamp
0% | 0 votes

Q) Which one of the following is not a source of

Search for questions or options

Q) Binary coded decimal is a combination of

Binary coded decimal is a combination of _____

Options

- Four binary digits
- Two binary digits
- Five binary digits
- Three binary digits

Fourbinary cigits
100% | 5 votes

Two binary aigits
0% | 0 votes

O Five binary digits
0% | 0 votes

O Three binary aigits
0% | 0 votes

Q) The SI units of transconductance is

Search for questions or options

Q) 'The code where all successive numbers differ from their preceding number by single bit is _

The code where all successive numbers differ from their preceding number by single bit is ___

Options

- Excess
- Alphanumeric Code
- Gray
- BCD

0 excess
0% | 0 votes

0 Alphanumeric Code
0% | 0 votes

0 Gray
100% | 5 votes

0 ec
0% | 0 votes

Q) Ina bipolar transistor the barrier potential

In a bipolar transistor the barrier potential

Options

- 0.35 V
- 0
- 0.7 V across each depletion layer
- a total of 0.7 V

O oasv
0% | 0 votes

Oo
0% | 0 votes

027 V across each depletion iayer
0% | 0 votes

O atotaioro7v
100% | 3 votes

Q) Which of the following is not an application of

Search for questions or options

Q) . Inwhich region of a CE bipolar transistor is collector current almost constant?

. In which region of a CE bipolar transistor is collector current almost constant?

Options

- Saturation region
- Active region
- Breakdown region
- none of these

saturation region
100% | 3 votes

Active region
0% | 0 votes

Breakiown region
0% | 0 votes

none of these
0% | 0 votes

Q) How does HSCSD differs from the GSM to obtain higher speed data rate?

How does HSCSD differs from the GSM to obtain higher speed data rate?

Options

- By allowing single user to use one specific time slot
- By allowing single user to use consecutive user time slots
- By using 8-PSK modulation technique
- By allowing multiple users to use individual time slot

Byaliowing single user to use one spectc time slot
0% | 0 votes

Byaliowing single user to use consecutive user time slots
100% | 4 votes

Byusing 8-PSk moduiation technique
0% | 0 votes

8By allowing mutiple users to use individual time slot
0% | 0 votes

Search for questions or options

Q) The maximum peaks of an electromagnetic wave are separated by a distance of 8 in. What is the frequency?

The maximum peaks of an electromagnetic wave are separated by a distance of 8 in. What is the frequency?

Options

- 1477.8Khz
- 1477.8Mhz
- 256.7Mhz
- 256.4Khz

usrreknz
0% | 0 votes

O usrramne
100% | 6 votes

250.702
0% | 0 votes

256.4Kn2
0% | 0 votes

Search for questions or options

Q) What is single-valued function?

What is single-valued function?

Options

- Single value for all instants of time
- Unique value for every instant of time
- A single pattern is followed by after 't' intervals
- Different pattern of values is followed by after 't' intervals of time

O Single vaiue or all instants of ime
0% | 0 votes

Unique value tor every instant of ime
87% | 7 votes

Asingle pattern i followed by after 'intervals
12% | 1 votes

bitterent pattern of values is followed by after 'intervals of time
0% | 0 votes

Q) DeMorgan's theorem states that

DeMorgan's theorem states that _____

Options

- (A + B)' = A' * B
- A' + B' = A'B'
- (AB)' = A' + B
- (AB)' = A' + B'

O @+ey=arB
18% | 2 votes

O a+e=aB
0% | 0 votes

O eay=a+8
0% | 0 votes

O cay=a+e
81% | 9 votes

2

Q) What is single-valued function?

Search for questions or options

Q) At room temperature the current in an intrinsic semiconductor is due to

At room temperature the current in an intrinsic semiconductor is due to

Options

- electrons
- ions
- holes and electrons
- holes

O eeectrons
0% | 0 votes

O tons
0% | 0 votes

holes and electrons
100% | 7 votes

O hates
0% | 0 votes

Search for questions or options

Q) What is the wavelength of a signal with a frequency of 150Mhz?

What is the wavelength of a signal with a frequency of 150Mhz?

Options

- 10m
- 2m
- 20m
- 5m

10m
0% | 0 votes

0 am
100% | 6 votes

20m
0% | 0 votes

0 5m
0% | 0 votes

Q) Which of the following is true for complex-valued function?

Which of the following is true for complex-valued function?

Options

- X (-t) = x(t)
- X (-t) = – x(t)
- X (-t) = x*(-t)
- X (-t) = x*(t)

0 xcp=xy
0% | 0 votes

0 x(y=-x)
0% | 0 votes

0 xep=xy
0% | 0 votes

0 x=xo
100% | 7 votes

Q) How is HSCSD different from GPRS?

How is HSCSD different from GPRS?

Options

- Infrastructure
- Switching Technique
- Multiple Access Scheme
- Modulation technique

O infrastructure
0% | 0 votes

O Switching Technique
100% | 9 votes

Mutipie Access Scheme
0% | 0 votes

Moduiation technique
0% | 0 votes

Q) Which of the following is true for complex-valued

Q) AP type material has an acceptor ion concentration of 1 x 1016 per cm3. Its intrinsic carrier concentration is 1.48 x 1010/ cm. The hole and
electron mobilities are 0.05m2/V-sec and 0.13 m2/ V-sec respectively calculate the resistivity of the material

A-P type material has an acceptor ion concentration of 1 x 1016 per cm3. Its intrinsic carrier concentration is 1.48 x 1010/ cm. The hole and electron mobilities are 0.05m2/V-sec and 0.13 m2/V-sec respectively calculate the resistivity of the material

Options

- 1.25 Ω-cm
- 12.5 Ω-cm
- 0.125 Ω-cm
- 125 Ω-cm

1250-cm
100% | 6 votes

O 1250-0m
0% | 0 votes

0:25.0.0m
0% | 0 votes

22500m
0% | 0 votes

Q) For a BJT, under the saturation region

For a BJT, under the saturation region

Options

- IC = βIB
- IC > βIB
- IC < βIB
- IC is independent of other parameter

O c=
0% | 0 votes

O copie
83% | 5 votes

O wc<pie
16% | 1 votes

(cis independent of otner parameter
0% | 0 votes

Search for questions or options

Q) Which new modulation technique is used by EDGE?

Which new modulation technique is used by EDGE?

Options

- BPSK
- AFSK
- 8- PSK
- DQPSK

psk
0% | 0 votes

O arsk
0% | 0 votes

O epsk
100% | 12 votes

O vopsk
0% | 0 votes

Q) Which of the following 3G standard is used in Japan?

Which of the following 3G standard is used in Japan?

Options

- Cdma2000
- TD-SCDMA
- UTRA
- UMTS

camazo00
0% | 0 votes

O T-scoma
0% | 0 votes

O urra
0% | 0 votes

O ums
100% | 13 votes

Search for questions or options

Total match found : 40

Q) Which of the following is a 2.5G CDMA standard?

Which of the following is a 2.5G CDMA standard?

Options

- Cdma2000
- IS-95B
- CdmaOne
- IS-95

camazo00
0% | 0 votes

O 18-998
100% | 15 votes

camaone
0% | 0 votes

O 1895
0% | 0 votes