BMC Dy. Executive Engineerb (Electric /Mechanical) (BMC/202122/6) Question Paper (26-09-2021) Series C

Paper (26-09-2021) Selles C
1. The positive logic OR gate is the same as no	
(A) EX-OR gate	(B) OR gate
(C) NOR gate	(D) AND gate
2. In single phase ac voltage controller feed cycle	ing a resistive load, the average current over one full
(A) is always zero	(B) cannot be zero
(C) may be some times zero	(D) is always positive
3. It is desirable to eliminate 5th harmonic vo	Itage from the phase voltage of an alternator. The colls
should be short-piched by an electrical ang	(B) 36 degree
(A) 30 degree	(D) 72 degree
(C) 18 degree The peak factor is the ratio of	
Surfue to rms value	(B) rms value to average value
70	(D) peak value to average value
peak value to rms value 5. Which of the following converter circuits w	ould require a neutral point?
5. Which of the following control	1817
(A) 3-phase semi-converter	10
(A) 3-phase semi-converter	10
(A) 3-phase semi-converter (B) 3-phase full converter (B) 1-phase full converter with freewhee	ling diode
(A) 3-phase semi-converter (B) 3-phase full converter (B) 1-phase full converter with freewhee	ling diode
 (A) 3-phase semi-converter (B) 3-phase full converter (C) 3-phase full converter with freewhee (D) 3-phase half wave converter When the nut is tightened by placing a was 	ling diode
 (A) 3-phase semi-converter (B) 3-phase full converter (C) 3-phase full converter with freewhee (D) 3-phase half wave converter When the nut is tightened by placing a was (A) tensile stress 	ling diode her below it, the bolt will be subjected to (B) compression stress (D) bending stress
(A) 3-phase semi-converter (B) 3-phase full converter (C) 3-phase full converter with freewhee (D) 3-phase half wave converter When the nut is tightened by placing a was (A) tensile stress (C) shear stress	ling diode her below it, the bolt will be subjected to (B) compression stress (D) bending stress
(A) 3-phase semi-converter (B) 3-phase full converter (C) 3-phase full converter with freewhee (D) 3-phase half wave converter (A) tensile stress (C) shear stress 7. The deformation of a bar under its own we axial load equal to its own weight will be	ling diode her below it, the bolt will be subjected to (B) compression stress
(A) 3-phase semi-converter (B) 3-phase full converter (C) 3-phase full converter with freewhee (D) 3-phase half wave converter (A) the same (A) the same (A) the same	ling diode ther below it, the bolt will be subjected to (B) compression stress (D) bending stress ight as compared to that when subjected to a direct
(A) 3-phase semi-converter (B) 3-phase full converter (C) 3-phase full converter with freewhee (D) 3-phase half wave converter (A) tensile stress (C) shear stress 7. The deformation of a bar under its own we axial load equal to its own weight will be	her below it, the bolt will be subjected to (B) compression stress (D) bending stress ight as compared to that when subjected to a direct (B) one fourth (D) double

BMC Dy. Executive Engineerb (Electric /Mechanical) (BMC/202122/6) Question Paper (26-09-2021) Series C

beam has equal ov	(orthogology P
8. The simply supported beautiful of the simply supported by supported by supported by supported by su	verhanging lengths and carries equal concentrated loads P
tero.	No.
(B) is a non - zero constant	Sign of the state
"Vo	to the other
(D) is maximum at mid span	
9. The more effective way to increase the th	ermal efficiency of a carnot cycle is to
(A) Increase the source temperature	LAST Decrease the sink temperature
(C) Increase the sink temperature	(D) Decrease the source temperature
C^{\sim}	
10. The efficiency of a power transformer is m	naximum at
(A) Nearly full load	(B) 1/2 full load
(C) 1/4 full load	72= T,+1)T-72
(G) 1/4 Iuli Ioau	(D) $1/8$ full load $7.+3T$
11. Which semiconductor device out of the fo	llowing is not a current triggered device?
(A) Thyristor	Az = Test
(c) invision	(B) TRIAC
(C) GTO	(D) MOSFET
12. Which one of the following decreases norce	reity of law each an extend
12. Which one of the following decreases porce	only of law carbon steel?
(A) Sulphur	(B) Phosphorus
	All the same and t
(C) Manganese	(D) Silicone
13. Pearlite phase in an iron-carbide phase dia	gram is
(A) Eutectic phase	(B) Hypo-eutectic mixture
(C) Eutectoidal mixture	(D) Hyper- eutectic phase
	(b) Tipper-cuccie piase
14. If the damping ration of the system is zero	then it is called as
(A) critically damped system	(B) undamped system
	(B) undamped system
(C) under damped system	(D) over damped system
1-01	C-3]

N	wiaruOujarat.iii	10
BMC Dy.	y. Executive Engineerb (Electric Meschanzian) (Raylon) A long helical spring paying a spring stiffness of the Company of the C	92412246d, Quastign
	parts then stiffness of the resultant spring will be	
P SA	(A) 6 kN/m	10
- Code	(C) 24 kN/m (D) 30 kN/m	Guille
-03 × 16	(p) calculating stress	ses in thick cylinders
	(A) joining thick cylinders	e of thick cylinders
Life	(C) prestressing thick cylinders	ir.
1	17. Starting torque of an induction motor is proportional to	
	(A) Supply Voltage (B) (Supply voltage)	
1	(C) 1/2 (Supply voltage) (D) (Supply Voltage	May
The state of the s	18. The range of a moving iron a.c. ammeter is extended by	
~		
	(A) a shunt (B) a multiplier	
	(B) a multiplier (C) changing number of turns of operating coil	C.S.
	(D) changing material of indicator	Colifo
4	19. In a slider-bar mechanism, when does the connecting rod have zer	o angular velocity?
11	(B) When crank angle = 0° (B) When crank ang	le = 90°
	(C) When crank angle = 45° (D) Never Coriolis component of acceleration depends on	6) ° 1
	Coriolis component of acceleration depends on	(Giv)
1	1. angular velocity of the link	Marc
	2. acceleration of the slider	
1	3. angular acceleration of the link	~
	Which of the above is/are correct ?	
	(A) 1 only (B) 2 only	GW.
J.	(C) 1 and 3 (D) 2 and 3	Maly
	[6-C-4]	
No.		

BMC Dy. Executive Engineerb (Electric /Mechanical) (BMC/202122/6) Question Paper (26-09-2031)

21. Free wheeling diode in a converter is placed	
(A) in shunt with thyristor	Till.
	(B) across the DC load
(C) In series with thyristor	(D) in series with load
Large field guns which come to initial position.	on after firing in the state of
The same of the same of	in shortest possible time are
Under damped	(B) Critically d
(C) Over damped	(B) Critically damped
	(D) Undamped
transformers are designed to ha	ave maximum efficiency nearly at of full load
(A) 70%	(B) 100%
(C) 25%	(D) 50%
24. The leakage reactance of a 3-phase alternate	나는 그 가는 그들은 마음이 얼마나 나를 가면 되었다. 그는 그는 그들은 그들은 그들은 그들은 그들은 그들은 그들은 그를 가는 것이다.
(A) short circuit and slip test	
(C) open-circuit and zero power factor tes	st(D) open and short circuit tests
25. In case of TRC (Time Ratio Control),	is varied
(A) firing angle	(B) duty cycle
(C) supply frequency	(D) supply voltage magnitude
26. The average overall thermal efficiency of die	esel cycle is
(A) 36%	(B) 20%
(c) 50%	(D) 75%
Chy, Chy,	of the Constitution of the
27. Kirchhoff's law is not applicable to circuits w	
(A) Lumped parameters	(B) Passive elements
(C) Distributed parameters	(D) linear resistances
28. Frosting of evaporator tubes results in	All the same of th
(A) Increased heat transfer rate	(B) Increased compressor pressure
(C) Decreased heat transfer rate	(D) Decreased compressor pressure
[6-0	C-5]

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BMC Dy. B	damping capacily Aper (26-09)	C /Mechanical) (BMC/202122/6) Question 12/02/py/Beries/(@raphic structures is lines surface for pulled for pulled for a pu
\$	(A) Excess comentite	(0) Carbon in temper form
The state of	The structure of the st	
30	and a motor speeds up t	rom rest to 1000 rpm in 6 seconds. The number of revolution
73	made thereby is nearly	2 - 6 1 4 0 Kg
	(A) 200	(0) 100
in i	CF 500	(0) 20 ' (1)
31.	The harness of lathe bed material	should be measured by
	(A) Rockwell tester	(B) Brinell hardness tester
No	(C) Shore Scleroscope	(D) Vickers hardness tester
32.		oum shearing stresses are of equal numerical values at a poir
	(A) Isotropic	(B) Uni-axial
	Dure shear	(D) Generalized plane state of stress
33.	Torque speed characteristics of a 2	2-phase induction motor is largely effected by
	(A) voltage	(B) speed
0	(C) X/R ratio	(D) supply frequency
34.	The depletion-mode MOSFET	
	(A) can operate with only position	ve gate voltages
Nath	(B) can operate with only negati	ve gate voltages
	(C) cannot operate in the ohmic	region
lt.	(D) can operate with positive as	well as negative gate voltages
35.	The function of snubber circuit co	
	(A) suppress dv/dt	(B) Increase dv/dt
Mai	(C) decrease dv/dt	(D) Keep transient over voltage at a constant
	The state of the s	[6-C-6]

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BMC Dy. Executive Enginee	erb (Electric /Mechanical) (BMC/2	202122/6) Question
Po	per (26-09-2021) Series C	
36. In an electric circuit of modes N. is number of modes	of independent meshes M is (where B is number of	f branches and
	al.iii	7.14.
(A) 29-N+1	(B) B-N+1	The state of the s
(C) 25-N-2	(D) B-N-1	Con.
37. A helical compression spring of	tiffness k is cut into two pieces, each having equa	
turns and kept side by side unde	r compression. The equivalent spring stiffness of	I number of
arrangement is equal to		
(A) 4k	Kly	F = F1 ~ F2
	(B) 2k	K >K 1K 2K 2
78 × 910	(D) 0.5k	
38. In case of power screws, what is	" Golf Golf	COL
	the combination of materials used for the screw	and the nut?
LAT Cast iron screw and mild	iteel nut	No
(B) carbon steel screw and pl	orah I	
		_
(C) cast iron screw and cast i	on nut	
(D) Aluminium screw and allo	A CONTRACTOR OF THE CONTRACTOR	
CAN 101		Con
55. The number of instantaneous c	entres of rotation in a slider crank quick return n	nachanism is
100		iccianism is
(A) 10	and the property of the second	- Chart Table W
	(B) 8 ≥	
(C)-6	(D) 4	The same of
40. It burns with loss will		in the second
40. It burns with long yellow and si	noky flame.	CUIT
(A) Peat	(R) limite	arile
	(B) Lignite	No
(C) Bituminous coal .	(D) Anthracite coal	
41. The slope of the sublimation of	urve on P-T diagram for all substances is	
The state of the s	orve on P-1 diagram for all substances is	Charles and
(A) Zero	(B) Positive	.0
(C) Negative	CAN CAN	Chil
	(D) Variable	No.
	No No	No.
	[6-C-7]	
	The state of the s	

		is number of nodes)	Paper (26	5-09-2021) 58	Horse & B is numb	(202122/6) Queer of branches and	
	(A)	2B-IN+1		(B) B-N+1		10	
	(C)	2B-N-1		187	1	9	
37.	A he	lical compression		(D) B-N-1 K is cut into two piesession. The equivalent	110		-110
	turn	and kept side by	pring of stiffness l	is cut into two pie ession. The equival	CO2		O
	arrar	gement is and	ade under compre	ession. The equival	ces, each having	equal number of	1000
	10	equal t	- Eli	-,	ent spring stiffnes	s of this new	
	(A)	4k	* 1		160	66	
	101	k ::0	- Fire very	(B) 2k	The state of the s	よっティへら	6.5
		8 //		871	\$ 100 miles	THE SIG.	212
38.	In ca	se of power screw	A resignati	(D) 0.5k	. 2	0	0
	100	CANIE	s, what is the con	nbination of mater	in Cally		COL
	JAT	Cast iron screw a	nd mild steel nut	indter	iais used for the s	crew and the nut?	0
	(B)	Carbon	a steel nut		No.	are not so	
		carbon steel scre	w and phosphor	bross			
	(C)	cast iron scrow		oronze nut		Mark Call	
	- 11 1 4	cast iron screw;	nd cast iron nut	0		10	
	(D)	Aluminium scre	v and alloy steel i	10		0	4.3
39.	The	Number 10th	and alloy steel	nut	10	West was a series	10
		rumber of instant	aneous centres o	of rotation in a slide	O.		Or.
	29	2	100	rotation in a slid	er crank quick rot		Y
	· (A)	10	. U	Same To the	Bur	in mechanism is	
	- 1				5 X3		
	(C)-	6	See See Supple	(B) 8	*		
40		11	an est	(D) 4		XIII	
40.	It bu	rns with long yell	OW and	21,001 4	. 05	0	0
	(4)	CALL	and smoky fla	ame.	Call	See See See	Cilia
	(A)	Peat	The same		" IN	100 m	no.
	(c)	Dia	No	(B) Lignite	e No	10	10.40
	161	Bituminous coa					
41.	The	slope of the		(D) Anthr	acite coal		
		or the subl	mation curve on	P-T diagram for a		2	
	(A)	Zero		Brain for a	is substances is	2	
				(B) Posit	Committee of the Commit		10
	(C)	Negative	C	~	Cr.		Or.
		1	100	(D) Varia	ble N	.0	0
	12,		- Mr.	Taylor Sign	Chris	Also Also	
	Charles College	Company of the Compan		THE RESERVE AND ADDRESS OF THE PARTY OF THE			

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BMC Dy. Executive Engineerb (Electric / Mec 42. In case of the 120Pmper of Tope (120)	chanical) (BMC/202122/6) Question Series Cdevices conduct at a time.
(A) 2 (C)	(B) 3
(c) 4	(D) 6
43. Induction generator deliver power at	Cin Cin
(A) lagging power factor only	(B) unity power factor only
(C) leading power factor only	(D) any power factor
44. The dual of a parallel R-C circuit is	
(A) Series R-C circuit	(B) Series R-L circuit
(C) Parallel R-C circuit	(D) Parallel R-L circuit
45. Find the output voltage for a step-up chopp	per when it is operated at a duty cycle of 50 % and
Vs = 240 V. (A) 240 V	(B) 560 V V V =
n in in	(D) 120 V
(C) 480 V	The state of the s
46. Atomic packing factor in the case of copper	
(A) 0.52	0.68
(C) 0.74	(D) 1.633
47. In a double cage induction motor, the unde	r cage has
(A) High R and High X	(B) High R and Low X
(C) Low R and High X	(D) Low R and Low X
48. A diode rectifier with a C filter will have ave obtained by a rectifier without the C filter.	erage output voltagethan that
(A) lower than	(B) higher than
(C) same as	(D) none of the mentioned
49. Which one of the following mediums is use	d for the fastest cooling rate of steel quenching?
(A) Air	(B) Oil
(C) Water	(D) Brine
[6	-C-8]

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	50. 1	f the load on ball bearing is halved, its life	ni K	Early and the same of the same
	(A) Remains unchanged	(B)	Increases two times
	(0) Increases four times	.00	Increases eight times
51	. A:	230 V 50 Hz single phase energy meter h	~	and current of 10 A at 0.8 p.f. lagging. The energy
	col	nsumed by load in 2 minutes is		—
	(A)	0.06 kWh	(B)	1.2 kWh
	. (C)	1.84 kWh	(D)	The street with the state of th
52.	۸ دا	No stand of house		A CONTROL OF THE PROPERTY OF THE PARTY OF TH
32.	120	or.p.m. the generated e.m.f. will be near	as gen	nerated e.m.f. as 200 V. If the speed increases to
		o ripini the generated e.m.r. will be ne	arly_	1, hut 200
	(A)	150 V	(B)	175 V 573 2×1
	(C)	240 V	(0)	290 V 700 = 1200
53.	Incr	ease in entropy of a system represents		estal 14
	(A)	Increase in availability of energy	(0)	
		events 🔊 a contract communica	(B)	Increase in temperature
	(C)	Decrease in pressure	(D)	Degradation of energy
54.	Why	is an offset provided in a radial cam tra	anslati	ing follower mechanism ?
	(A)	To avoid obstruction due to some oth	er ma	ichine part
	(B)	[[[선생동] - [[[일본 기가 [[일 시간 [] [] [] [] []		
	اسلا	To decrease pressure angle during asc	ent o	f the follower
	(C)	To increase pressure angle during asce	ent of	the follower
	(D)	To decrease pressure angle during des	scent	of the follower
55.	Inac	losed loop control system		10, 10,
			, and .	
	(A)	control action is independent of output	ıt	and the second party of the second
	(B)	output is independent of input		ALIE ALIE
	(C)	there is no feedback	10	
	(D)		0,	Co
	1	control action is dependent on output		No.
E 124	13			

[6-C-9]

(C) hypothesis makes	(D) No corrections required
(A) hypothesis has been	(B) hypothesising needs
(Find the correct phrase for undelined.)	
62. Speculations and hypothesising are the n	most essential and well known aspects of inventions.
(C) Evolutionary	(D) Static
Conservative	(B) Revolutionary
61. Opposed to great or sudden change. (Gi	
. (C) √6 times higher	그는 사람이 그 얼마를 만든다고 하는 것이다.
(A) 6 times higher	(B) 6 times lower
will be	7277
compared to the time period of a sir	mple pendulum on the earth, its time period on the m
(A) 0.1 bar (C) . 100 bar	(D) 212.2 bar
	(B) 1 bar
at a of water and steam be	come identical at
(C) 64 k	(D) 128 k
(A) 16 k	(B) 32 k
- 58. · A 16 bit memory address register can	address memory locations of
(e) More interference	(D) Wide base and stronger tooth
(A) Minimum axial thrust	(B) Greater backlash
57. A high pressure angle for spur gears	leads to
(C) an OR gate	(D) an AND gate
(A) a NOR gate	(B) a NAND gate 🖒
	Pall)tsinputsare at logic 0. Then the gate is
Executive Engineero Letectric Av	Mechanical) (BMC/202122/6) Question

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	Because of the heavy rain, the	match was
	of the four, to make meaningf	ul sentence.) . (Choose the correct alternative out
	(A) set aside (C) fallen off	(B) called off
64	Yogic exercises and meditation	(D) broken off Seems to be a help modern men and women deal effectively with Ise for undelined.)
	anxiety. (Find the correct phra	ise for undelined.)
6	(A) seem to help	(B) seems to be helping
	(C) seem to have help	(D) seems to help
65.	If it were true that enduring le	sson are learned from
	the repository of	theatrical wisdom (C)
	that best fits into the meaning	of the sentence as a whole :)
	(A) accidental, occult	(B) egregious, sublime
	(C) dubious, profound	(D) dramatic, lasting
66.	પ્રાર્થના સમાજની સ્થાપના કઇ	સાલમાં ડો. આત્મારામ પાંડુરંગ દ્વારા કરવામાં આવેલ ?
	(A) 1867	(B) 1862
	(C) 1872	(D) (1887
. 67.	"शियाण शीतल वा वाय, पान	મ / ૧૫ / ૧૨ ટ્રું ૧ ખરે, ઘઉં પેદા થાય" - એ ક્યો છંદ છે ?
	(A) મનફર	(B) શિખરિણી
	(૦) મંદાક્રાતા	(૦) ચોપાઇ
68.	વેઇટ લીફ્ટર મીરાબાઇ યાનુએ	ટોકીથો ઑલિમ્પીકમાં કઇ કેટેગરીમાં રજત ચંદ્રક મેળવ્યો ?
	(A) 49 Kg.	(B) 55 Kg.
	(C) 59 Kg.	(D) 45 Kg.
16	the state of the s	[6·C·11]

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BMC DV E	xecutive Engineerb (Electric /Mechanical) (BMC/202122/6) Question
DMC Dy. E	to Release Question Panety reason Ronalds his sequintentes. The first and the sixth settleness ar
~	given in the beginning. The middle four sentences in each have been removed and
	These are labelled P.Q. R and S. You are required to find out the proper order to
	sentences:
69.	"S1: There are numerous kinds of superstitions in different parts of the country.
- 1 No.	S6: A dog's howling predicts death- this is a typical superstition.
	P: But people go on respecting it through force of blind custom.
	Q: Most of them have a bearing on ""luck""-good or bad.
	R: Superstitions, usually have their origin in fear and ignorance.
4	S: Nobody remembers now how a superstition first started in remote ages.
No	(A) QPRS (B) RSPQ
	JCJ RSQP (D) QSPR
70.	"S1: Society in every country shapes itself out of it own initiative.
	S6: And our Indian women are as capable of doing it as any in the world.
101	P: No one can or ought to do this for them.
L.	Q: Our part of duty lies in imparting true education to all men and women in society.
	R: Woman must be put in a position to solve their own problems in their own way.
,	S: It will not be then necessary to pull down or set us anything in society by coercion.
	(A) SRQP (B) QRSP
100	(D) SRPQ
. 77.7	1. નીચેનામાંથી કયો વિકલ્પ બંધ બેસતો નથી ?
~	(A) વિદ્યુત (B) વિશ
	(c) લીજળી (D) દામિની
7	2. ગુજરાત યુનિવર્સિટીની સ્થાપના કથા વર્ષમાં થઇ હતી ?
, N	(A) 1950 (B) 1949
Charles and a second	

[6-C-12]

(D) 1952

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	1 aper (20-0)	-20	21) Belles C				
	73. 2021ની વિમ્બલ્ડન ટેનિસ ટુર્નામેન્ટમાં પુરૂષે હતો ?	ાની ફા	ાઇનલ મેચમાં પરાજય પામનાર ખેલાડી કોણ				
	(A) , ଝାଞାର	(B)	માફેથો બેરીટીની				
	(c) રોજર ફેડરર	(D)	પીટ સાંપ્રાસ				
7	74. સ્વતંત્રતા ચળવળની પ્રથમ ગોળમેજી પરિષદ ક્યારે ચોજાઇ હતી ?						
	(A) 1931	(B)	1930				
	. (C) 1032	(D)	1934				
.75. "બંધિયાર પાણીમાં થતી ચીકણી વનસ્પતિ"							
	(A) લીલી	(B)	and and				
1	્રાંદ) લીલ	(D)	શણ				
76.	ભારત ખાતેના અંતિમ વાઇસરોય લોર્ડ માઉન કયો હતો ?	ક બેટ	નનો ભારત ખાતેનો વાઇસરોય તરીકેનો કાર્યકાળ				
	(A) 1944 - 1947	(B)	1945 - 1947				
	(C) 1946 - 1947	(D)	1947 – 1947				
77. 2016ના ICC-T20 વર્લ્ડ કપમાં વેસ્ટ ઇન્ડીઝની ટીમે કોને ફરાવ્યા ફતા ?							
	(A) ઓસ્ટ્રેલિયા 💉	(B)	ઇંગ્લેન્ક				
	(૦) પાકિસ્તાન	(D)	દક્ષિણ આફ્રિકા				
78.	"લાગી આવવું" રૃઢિપ્રયોગનો અર્થ શું થાય ?		"ien," "ien,				
	(A) પગમાં લાગવું	(B)	Г _Б :м асј Ма ^{го}				
	(c) પગે લાગવું	(D)	લઅમાં જવું				
79. ·	પ્રખ્યાત પુસ્તક નીલ દર્પણ કોણે લખ્યું છે ?	O					
	(A) ગિરિશચંદ્ર ધોષ	(B)	દિનબંધુ મિત્રા				
	(c) (QE HILLO	(D)	નુરૂલ હસન ચૌધરી				

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MaruGujarat.in BMC Dy. Executive Engineerb (Electric / Mechanical) (BMC/202122/6) Question Paper (26-09-2021) Series C 2021માં ઇઝરાચેલના વડાપ્રધાન કોણ બન્યા ? (A) બેનેટ (B) બેન્જામીન નેત્યનાઠ્ બેની ગેન્ટેઝ (D) મોઝે શેરોટ 22 22 21 221 211 (112) "આ સૂની સૂની રાતમાં, કોઇ ઢોલક ફજુ બજાવે" એ કયો છંદ છે ? (A) યોપાઇ (B) મનહર (C) અનુષ્ટુપ (D) શિખરિણી સામાન્ય રીતે હાઇકોર્ટના મુખ્ય ન્યાયાધીશની નિમણુંક બંધારણની કઇ કલમને આધારે કરવામાં આવે છે ? 356 217 (B) (C) 224 (D) 357 सरो॰ = 83. સ + રોજ (B) સર + ઈ? (C) सर: + % (D) સર + ઓજ તુધલખ વંશનું સામાજ્ય (Tughlaq Dynasty) કયા વર્ષમાં ભારત પર હતું 1320 - 1414 (B) 1414 - 1451 1451 - 1526 (C) (D) 1526-1605 રાષ્ટ્રધ્વજની લંબાઇ : પહોળાઇ (ઊંચાઇ) કયા પ્રમાણમાં હોવી જોઇએ ? (A) 2:3 (B) 2.5:3.5 (C) 3:2 (D) 3.5:2.5 મુઘલ સમાટ અકબર કેટલા વર્ષની ઉંમરે રાજા બન્યા હતા ? 21 (B) 14

(D) 17

(C)

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37.	ગોવાને પોર્ટુગીઝ શાસનમાંથી કયા વર્ષમાં મુક્ત કરવામાં આવ્યું ?				
0-	(A)	1947	(B) 1961		
	(C)	1960	(D) 1957		
88.	નીચેનામાંથી કયો સમાસ મધ્યમપદલોપી છે ?				
11	(A)	િ વિદાયગીતો 🦽	(B) કુટુંબમાયા		
9. r	(C)	કન્યાપક્ષ	(D) દાળભાત		
89.	નીચે	ાના વિકલ્પમાંથી કઇ જોડણી સાચી છે			
	(A)	જ્રમીંલ ************************************	(B) ઉમીલ		
27.15	(C)	ઉમિલ 💉	(क) अभिव		
90.	ક્રોએ	ોશીયા દેશની રાજધાની કઇ છે ?	, other		
		10/2	(B) રોઝીયુ		
	(A)		(D) માલાબુ		
7.10	(C)	સાન્ટીઆગો	ning.		
		GIV [®]	10,		