065/2018

Question Booklet Alpha Code



Question Booklet Serial Number

Total Number of Questions : 100	Time: 75 Minutes
Maximum Marks: 100	

- 1. The question paper will be given in the form of a Question Booklet. There will be four versions of question booklets with question booklet alpha code viz. **A**, **B**, **C** & **D**.
- 2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the question booklet.
- 3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
- 4. If you get a question booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.
- 5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your question booklet is un-numbered, please get it replaced by new question booklet with same alpha code.
- 6. The question booklet will be sealed at the middle of the right margin. Candidate should not open the question booklet, until the indication is given to start answering.
- 7. Immediately after the commencement of the examination, the candidate should check that the question booklet supplied to him contains all the 100 questions in serial order. The question booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
- 8. A blank sheet of paper is attached to the question booklet. This may be used for rough work.
- 9. Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.
- 10. Each question is provided with four choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.
- 11. Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.
- 12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
- 13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

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1. Total energy density due to electric and magnetic fields is given by:

(A)
$$\frac{1}{2} \left(\varepsilon E^2 + \mu H^2 \right)$$

(B)
$$\frac{1}{2} (\epsilon E + \mu H)$$

(C)
$$\left(\varepsilon E^2 + \mu B^2\right)$$

(D)
$$\frac{1}{2} \left(\mu E^2 + \varepsilon H^2 \right)$$

2. Poynting vector is given by:

(A)
$$\mu_0(ExH)$$

(B)
$$\varepsilon_0(ExB)$$

(C)
$$(ExH)$$

(D)
$$(Ex\mu B)$$

3. Intrinsic impedance of free space is:

(A)
$$\frac{\mu_0}{\epsilon_0}$$

(B)
$$\sqrt{\frac{\mu_0}{\epsilon_0}}$$
 (C) $\sqrt{\frac{\mu}{\epsilon}}$

(C)
$$\sqrt{\frac{\mu}{\epsilon}}$$

(D)
$$\sqrt{\frac{\mu_r}{\epsilon_r}}$$

4. The dominant transverse electric wave in a rectangular wave guide is:

If n_1 and n_2 are the refractive indices of the two non-conducting media, the reflection 5. coefficient for normal l incidence at the interface is given by :

(A)
$$\left(\frac{n_2 - n_1}{n_2 + n_1}\right)^2$$

(B)
$$\left(\frac{n_2 + n_1}{n_2 - n_1}\right)^2$$

(C)
$$\frac{4n_1n_2}{n_1 + n_2}$$

(D)
$$\left(\frac{n_2 - n_1}{n_2 + n_1}\right)$$

6. In the presence of both electric and magnetic fields, the net force on a charge Q moving with velocity "v" is :

(A)
$$F = EQ(vxB)$$

(B)
$$F = QE.B$$

(C)
$$F = Q(B + vxE)$$

(D)
$$F = Q(E + vxB)$$

7. Enthalpy "H" is mathematically defined as:

(A)
$$H = U + dQ$$

(B)
$$H = U - PV$$

(C)
$$H = U + PV$$

(D)
$$H = U + TS$$

8.	Collection of a large number of essentially independent systems having the same temperature T, volume V and same number of identical particles n is known as :									
	(A)	Microcanonical	ensen	nble	(B)	Cano	onical enser	nble		
	(C)	Grand canonical	l ense	mble	(D)	Mac	rocanonical	ensemble		
9.	Elect	rons obey :								
	(A)	Bose - Einstein S	Statist	ics	(B)	Max	well - Boltz	mann Statis	stics	
	(C)	Fermi - Dirac St	atistic	S	(D)	All t	hree Statisti	CS		
10.	In gi	and canonical en	semb]	le, the comp	orising	syste	ems can :			
	(A)	exchange both e	nergy	and partic	les					
	(B)	exchange only e	nergy	7						
	(C)	exchange particl	les on	ly						
	(D)	not exchange pa	rticle	s or energy						
11.	Parti	cles obey Pauli's	exclus	sion princip	le in :					
	(A)	Bose - Einstein S	Statist	ni - Dirac St	atistics					
	(C)	Maxwell - Boltz	mann	Statistics	(D)	all th	ne three Stat	tistics		
12. Lande's "g" factor for the $3^2 P_{3/2}$ level of sodium atom is :										
	(A)	2	(B)	1/2		(C)	$\frac{4}{3}$	(D)	$\frac{2}{3}$	
13.	Two	or more electrons	s are s	said to be ec	quival	ent if	they have :			
	(A)	same l and s val	ues		(B)	same	e n and m ₁ v	values		
	(C)	same n and j val	lues		(D)	same	e n and <i>l</i> val	lues		
14.	Whi	ch of the followin	g will	give micro	wave	specti	rum ?			
	(A)	CO ₂	(B)	H_2		(C)	CS ₂	(D)	HC1	
15.	The	pumping scheme	used	in solid stat	te lase	rs is :				
	(A)	Electrical	(B)	Magnetic		(C)	Optical	(D)	Mechani	cal
16.	Mut	ual exclusion prin	-			-	•			
	(A)	IR and Raman a			(B)	,				
	(C)	ESR and Raman	activ	rities	(D)	Micr	owave and	IR activities	5	
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17.	Whi	ch of the followin	g is no	ot a proper	ty of 1	aser li	ight ?			
	(A)	Directionality			(B)	Mor	nochromaticity			
	(C)	Coherence			(D)	Dive	ergence			
18.		typical waveleng on of :	ths en	nitted or a	bsorbe	ed in I	Mossbauer spec	ctroscop	ic studie	s is in the
	(A)	gamma rays	(B)	X-rays		(C)	microwave	(D)	visible	
19.	Whe	n an electron jum Second line of P	-		rth orb (B)		he second orbit and line of Lym	·		
	(C)	Second line of B			(D)		and line of Pasc			
20.	Coop (A) (B) (C) (D)	per pairs are form electron-phonon electron-proton proton-phonon- electron-hole in	n-elect intera proto	ron interaction						
21.	The (A)	reciprocal lattice an fcc lattice	to an i	fcc lattice i a hcp latt		(C)	a sc lattice	(D)	a bcc la	ıttice
22.	The	region in k space	at k =	$=\pm\frac{\pi}{a}$ is k	nown	as:				
	(A)	First Brillouine	zone		(B)	First	t energy gap			
	(C)	Second Brillouir	ne zon	e	(D)	Ban	d			
23.	If the	e applied externa	l field	is increase	d bevo	and th	ne critical field	the mate	erial beco	mes ·
	(A)	a superconduct		15 Increase	(B)		nal conductor	the mark	criar occo	illes .
	(C)	insulator			(D)		iconductor			
24.	Acco	ording to free elec	etron n	nodel, the	averag	ge K.E	. of electron at	tempera	ture T is	:
	(A)	$\frac{1}{2}$ kT	(B)	$\frac{3}{2}$ kT		(C)	kT	(D)	Zero	
25.	Whi	ch of the followin	ıg is n e	ot a propei	rty of 1	nuclea	ar forces ?			
	(A)	charge indepen	dent		(B)	stro	ng attractive fo	rce		
	(C)	long range force	9		(D)	satu	rated force			
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26.	Nuc	Nuclear radius R and the atomic mass number A are connected by the relation:									
		$R = R_0 A^{\frac{1}{3}}$				R = 1					
	(C)	$R = R_0 A^{\frac{2}{3}}$			(D)	R=	$R_0 A^{-\frac{1}{3}}$				
27.	Pari	ty is violated in :									
	(A)	α-decay			(B)	Fusi	on				
	(C)	Gamma emissio	n		(D)	β-d€	ecay				
28.	Ener	gy generation in	stars	is through :							
	(A)	Nuclear fission			(B)	Stim	ulated emissi	on			
	(C)	Nuclear fusion			(D)	Thei	rmoelectric pi	cocess			
29.	Qua	rk combinations	of pro	oton and neu	ıtron	respec	ctively are :				
	(A)	uds and uss			(B)	uss a	and uds				
	(C)	uud and udd			(D)	uud	and <i>uds</i>				
30.	Whi	ch of the following is not a baryon ?									
	(A)	Neutron	(B)	Sigma		(C)	Proton	(D)	Muon		
31.	Phas	se difference betw	zeen i	nput and ou	itput s	signals	s of a CE amp	olifier is :			
	(A)	180°	(B)	90°		(C)	45°	(D)	0°		
32.	The	ripple factor for a	a half	wave rectifi	er is :						
	(A)	0.406	(B)	0.48		(C)	0.812	(D)	1.21		
33.	Univ	versal building bl	ocks a	nre:							
	(A)	AND and OR g			(B)	NAI	ND and OR g	ates			
	(C)	NAND and NC	R gat	es	(D)	ANI	O and NOT g	ates			
34.	Whi	ch of the followir	ng sta	tements is w	rong	?					
	(A)	LED is a forwar	O		U						
	(B)	Photodiode is re		,		on					
	(C)	Solar cell is a Pl		•	-						
	(D)	LED is a reverse	,		ion						

	(A)	Capacitor	(B)	Resistor	(C)	Zener diode	(D)	Transistor
36.	Ham	niltonian is given	by:					
	(A)	T - V	(B)	T + V	(C)	T/V	(D)	TV
37.	Rela	tion between ener	gy (E) and momentum	(P) o	f a particle of mas	ss M i	s:
	(A)	$E = \frac{P}{M}$	(B)	$E = \frac{2P}{M}$	(C)	$E = \frac{P^2}{2M}$	(D)	$E = \frac{P^2}{M}$
38.	Whi	ch of the followin	g stat	ements is wrong	?			
	(A)	Fundamental Po	oisson	brackets are inva	ariant	under canonical	transf	formation
	(B)	All Poisson brac	kets a	are canonical inva	riants			
	(C)	Poisson brackets	s of ca	nonical variables	are k	nown as fundam	ental	Poisson brackets
	(D)	Poisson brackets	s are 1	not canonically in	variai	nt		
39.		generalized co-ore the dimension of		has the dimension	on of	momentum, the ¿	genera	ilized velocity will
	(A)	Velocity	(B)	Force	(C)	Torque	(D)	Acceleration
40.	Ang	ular momentum I	₋ is gi	ven by :				
	(A)	$L = r \times v$	(B)	$L = m \times v$	(C)	$L = m(r \times v)$	(D)	$L = m(r \times a)$
41.	Poss	ible number of de	grees	of freedom for a	rigid l	oody is:		
	(A)	3	(B)	6	(C)	9	(D)	infinite
42.	_	ial theory of rela tant :	tivity	deals with event	s in tl	ne frame of refer	ence v	which moves with
	(A)	speed	(B)	velocity	(C)	acceleration	(D)	momentum
43.	The	energy E, rest ma	ss m ₀	and the moment	um P	of a relativistic pa	article	are related as :

In an integrator, the feedback element is:

(A) $E^2 = m_0^2 C^2 + P^2 C^2$

(C) $E^2 = m_0^2 C^2 + PC$

(B) $E^2 = m_0^2 C^4 + P^2 C^2$

(D) $E^2 = m_0^2 C + P^2 C$

44.		K.E. of a body is t e body :	wice i	ts rest mass	energ	y. Fin	nd the ratio of r	elativisti	mass to rest mass
	(A)	3	(B)	$\frac{1}{3}$		(C)	2	(D)	$\frac{1}{2}$
45.		constraint that ca is known as :	n be e	expressed in	the fo	orm of	f an equation c	onnecting	g co-ordinates and
	(A)	Holonomic			(B)	Non	-holonomic		
	(C)	Sceleronomous			(D)	Rho	mbus		
46.	De-E	Broglie wavelengt	h of a	particle of	kinetio	ener	gy E is given b	y:	
	(A)	$\frac{h}{\sqrt{2mE}}$	(B)	$\frac{h}{\sqrt{mE}}$		(C)	$\frac{h}{mE}$	(D)	$\frac{hE}{\sqrt{2m}}$
47.	The	zero point energy	of a	linear harm	onic c	scillat	tor is :		
	(A)	Zero	(B)	hυ		(C)	$\frac{1}{2}$ hv	(D)	2hv
48.	Grou	ınd state energy l	level c	of a particle	in a c	ubical	box is:		
	(A)	six fold degener	ate		(B)	three	e fold degenera	ate	
	(C)	two fold degene	erate		(D)	non-	degenerate		
49.	Mon	nentum operator	is :						
	(A)	$i\hbar \frac{\partial}{\partial t}$	(B)	$\frac{\mathrm{i}\hbar}{\mathrm{m}} \frac{\partial}{\partial x}$		(C)	$-i\hbar \frac{\partial}{\partial x}$	(D)	$i\hbar \frac{\partial}{\partial x}$
50.	The	degree of degene	racy f	or a three d	limens	ional	harmonic oscil	llator is :	
	(A)	$\frac{1}{2}(n+1)(n+2)$)		(B)	$\frac{1}{2}(2)$	(n+1)(2n+2)		
	(C)	(n+1)(n+2)			(D)	2(n -	+1)(n+2)		
51.		n increase in quar n anharmonic osc			e ener	gy dif	fference betwee	en succes	ssive energy levels
	(A)	remains same			(B)	incre	eases		

(C) decreases

(D) periodically increase and decrease

	(A)	Position and mo	ment	um only						
	(B)	Energy and time	e only	7						
	(C)	Angular momer	ntum	and angle o	nly					
	(D)	All canonically	conju	gate physica	ıl qua	ntities	whose produc	t has di	mensions of action	1
53.	Klei	n - Gordan equati	on is	valid for :						
	(A)	Electrons			(B)	Prot	ons			
	(C)	Spin ½ particles	;		(D)	Spin	zero particles			
54.	No tof:	two electrons can	have	all the four	r quai	ntum	numbers identi	cal. Th	is is the statemen	t
	(A)	Uncertainty pri	nciple	9	(B)	Paul	i's exclusion pr	inciple		
	(C)	Hamilton's prin	ciple		(D)	Gau	ss principle			
55.	Whe	en curl of a vector	is ze	ro in some r	egion	, then	in that region t	he vecto	or is :	
	(A)	Rotational	(B)	Irrotationa	al	(C)	Diverging	(D)	Converging	
56.	Cha	racteristic equatio	n of 1	matrix A is :						
	(A)	$ A - \lambda I = 0$	(B)	$ \mathbf{I} - \lambda \mathbf{A} = 0$)	(C)	$ A\lambda - I = 0$	(D)	$ \lambda - AI = 0$	
57.	Tho	rank of the matri	y [3	$\begin{bmatrix} 1 & 4 \end{bmatrix}_{is}$						
57.	THE	rank of the matri	^ 2	4 5						
	(A)	6	(B)	1		(C)	2	(D)	3	
58.	The	residue of cot Z a	t Z=	0 is :						
	(A)	Zero	(B)	π		(C)	-1	(D)	1	
59.	Аро	oint at which a fu	nctio	f(z) ceases	to be	analy	tic is called :			
	(A)	singularity	(B)	double pol	le	(C)	pole	(D)	holonomic	
60.	Com	nmutative group i	s calle	ed:						
	(A)	semi group	(B)	abelian gr	oup	(C)	monoid	(D)	android	
61.	A gr	oup having no p	roper	normal sub	group	is cal	led :			
	(A)	normal subgrou	р		(B)	abel	ian subgroup			
	(C)	simple group			(D)	trivi	al subgroup			
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The uncertainty relation applies to:

52.

	(A)	One	(B)	Two		(C)	Zero	(D)	Three	
63.	If \int_{-1}^{+1}	$P_{n}(x)dx = 2 t $	nen, n=?	,						
	(A)	1	(B)	Zero		(C)	2	(D)	-1	
64.	The	total solar radi	ation rec	eived at an	y poir	nt on t	the earth is r	referred to a	as:	
	(A)	albedo			(B)	bear	n radiation			
	(C)	diffuse radiat	tion		(D)	inso	lation			
65.		ctures formed v		iconductor	thin fi	lms o	f different ba	and gaps sta	acked one afte	r the
	(A)	multiple quar	ntum we	lls	(B)	quar	ntum well			
	(C)	quantum wir	re		(D)	quar	ntum dot			
66.	In qu	ıantum dots, c	harge ca	rriers are c	onfine	d in :				
	(A)	two dimension	ons		(B)	one	dimension			
	(C)	three dimens	ions		(D)	in a	plane			
67.	Higg	gs boson has a	spin :							
	(A)	Zero	(B)	One		(C)	$\frac{1}{2}$	(D)	$\frac{-1}{2}$	
68.		reinforcing so tant velocity is	•	-	t that	main	tains its sha	ape while i	t propagates	at a
	(A)	Bions	(B)	Solitons		(C)	Gluons	(D)	Photons	
69.	Nega	ative index me	tamateri	als have :						
	(A)	negative relat	ive pern	nittivity and	l posit	ive re	lative perme	ability		
	(B)	negative relat	ive pern	neability an	d posi	tive re	elative perm	ittivity		
	(C)	both relative	permeab	ility and re	lative	perm	ittivity are n	egative		
	(D)	positive refra	ctive ind	ex						
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62. Kronecker delta is a mixed tensor of order :

74.		•		· ·
, 1.	(A)	External criticism	(B)	Expert criticism
74.	The	authenticity of data in Historic	al Resear	ch can be established through :
	(C)	(a), (c), (e), (d), (b)	(D)	(a), (c), (b), (e), (d)
	(A)	(a), (e), (c), (b), (d)	(B)	(a), (e), (b), (c), (d)
	` ,	-	(D)	() () () () ()
	(e)	Comparison		
	(d)	Generalisation		
	(c)	Presentation		
	(b)	Recapitulation		
	(a)	<u>-</u>		
		Preparation	4	
73.	Arra	inge the following in correct se	equence :	
	(D)	Related literature of the study	/	
	(D)	Related literature of the study		J
	(C)	Tools and techniques used for	r the stud	77
	(B)	Sample taken for the study	acty	
	(A)	Procedure adopted for the stu		and the means desired, examples of a mission.
72.	Whi	ch of the following need not be	included	in the methodology chapter of a thesis?
	(C)	Practicability	(D)	Easiness of conducting
	(A)	Objective-basedness	(B)	
71.				iteria for selecting a learning experience? Learner orientation
71	TA71.:	ah amana tha fallassina mass m	a . 1 . a. a. a	itaria far calcatina a lacroina accomina a
	(C)	Astronomical green shift	(D)	No shift
	` '		` '	
	(A)	Astronomical blue shift	(B)	Astronomical red shift

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Expanding universe theory is based on the observation of :

70.

77.	vv ni	en of the following	g pro	viaes nigne	est con	creter	ness of learning	ng experie	nce ?	
	(A)	Excursion			(B)	Field	l trip			
	(C)	Exhibition			(D)	Drai	matisation			
78.	Whi	ch among the follo	wing	; is an inter	rvenin	g vari	able ?			
	(A)	Teaching method	d		(B)	Intel	ligence			
	(C)	Fatigue			(D)	Soci	o-economic le	evel		
79.	Whi	ch of the following	g belo	ongs to psy	chomo	otor do	omain of obje	ctives ?		
	(A)	Development of	inforı	mation pro	cessing	g skill	s			
	(B)	Development of	desira	able attitud	les					
	(C)	Development of	mani	pulative sk	ills					
	(D)	Development of	critic	al thinking						
80.	Whi	ch of the following	g does	s not emph	asise t	ime r	estriction ?			
	(A)	Prognostic test			(B)	Perf	ormance test			
	(C)	Summative test			(D)	Diag	gnostic test			
81.	Whi	ch Article of the Ir	ndian	Constitution	on des	cribec	l by Ambedk	ar as the "	'Heart and Soul"	?
	(A)	Article 14	(B)	Article 52	<u>.</u>	(C)	Article 24	(D)	Article 32	
82.	The	term "PURA" is a	ssocia	ated with v	which •	of the	following?			
	(A)	Project for Urbar	n and	Regional .	Affairs	;				
	(B)	Provision of Urba	an Aı	menities in	Rural	Area	S			
	(C)	Public Undertaki	ing R	egulation 1	Act					
	(D)	Public Utilities R	egula	itory Analy	rst					
83.		tify the Commiss ions.	ion a	ppointed	to stud	dy the	e problems c	onnected	with Centre-Stat	te
	(A)	Sarkaria Commis	ssion		(B)	Man	dal Commiss	sion		
	(C)	Liberhan Commi	ission	L	(D)	Nan	avathy Comr	nission		
84.	In w Act"	hich year Indian ?	Parlia	nment pass	ed the	'Prot	ection of wor	men from	domestic violence	æ
	(A)	2009	(B)	2010		(C)	2007	(D)	2005	

85.		concept of Directch country?	tive Pri	inciples of S	tate Po	энсу а	aoptea into tne	constit	ution of India from
	(A)	Britain	(B)	USA		(C)	Ireland	(D)	Germany
86.		n the listed items viation.	s, ident	ify the sche	mes re	lated	with employme	nt gene	ration and poverty
	(A)	RSBY	(B)	MGNREG	S	(C)	IRDA	(D)	ITDP
87.	Whi	ch part of the Ir	ıdian c	onstitution	deals v	with f	undamental rig	hts?	
	(A)	Part III	(B)	Part IV		(C)	Part VI	(D)	Part I
88.		term of office of d Rights ?	the Ch	airperson aı	nd me	mbers	of National Co	mmissio	on for Protection of
	(A)	6 years	(B)	5 years		(C)	4 years	(D)	3 years
89.	Whi	ch article of the	Indian	constitution	n deal	s witł	ı constitution ar	nendm	ents ?
	(A)	Article 352	(B)	Article 32	6	(C)	Article 368	(D)	Article 360
90.	Whi	ch organization	is relat	ed to the R	ight to	Info	rmation Act, 20	05 ?	
	(A)	Chipko Mover	nent						
	(B)	Bharatiya Kisa	n Unio	n					
	(C)	Mazdoor Kisa	n Shak	ti Sangatha	n				
	(D)	Narmada Bach	nao An	dolan					
91.	The	social reformer	in Kera	ala started t	he jou	ırnal '	Atmavidyakaha	lam'.	
	(A)	Ayyankali			(B)	Vaik	unda Swamika	1	
	(C)	Vaghbhatanar	nda		(D)	V.T.	Bhattathirippa	d	
92.	Whi	ch event is haile	d by G	andhiji as '	A mira	icle of	modern times'	?	
	(A)	Savarna Jatha			(B)	Tem	ple entry Procla	mation	ı
	(C)	Guruvayur Sa	nthyagı	raha	(D)	Vaik	om Sathyagrah	a	
93.	'A li of :	ghted lantern be	tween	two elephar	nts and	l an o	pen book on a b	ook hol	der' is the emblem
	(A)	Kerala State Li	brary (Council	(B)	Purc	gamana Sahith	ya Pras	sthanam
	(C)	Kerala Univers	sity		(D)	Nata	ıka Prasthanam	L	
A					13				065/2018

94.	Who wrote the book 'Punarjanma Smaranakal' ?								
	(A)	(A) P.K. Chathan Master				M.C. Joseph			
	(C)	Swami Ananda	Thee	erthan	(D)	P. K	rishnapillai		
95.	C.M.S. Press, the first printing press in Kerala was established by :								
	(A) Elias Kuriakose Chavara				(B)	Poikayil Yohannan hannan			
	(C)	d) Benjamine Bailey			(D)	Hermen Gundert			
96.	Which Indian city is associated with India's first air conditioned Suburban local train?								
	(A)	Kolkata	(B)	Mumbai		(C)	Bangalore	(D)	Delhi
97.	Who is the Current President of South Korea ?								
	(A)	Moon Jae-in			(B)	Xi Jinping			
	(C)	Roh Tae-Woo			(D)	Kim	Jong un		
98.	Whi	ich is the hardest substance available on earth ?							
	(A)	Platinum	(B)	Silver		(C)	Gold	(D)	Diamond
99.	Bleeding gums or tooth loss is a symptom of the disease :								
	(A)	Glaucoma	(B)	Scurvy		(C)	Goitre	(D)	Beri-beri
100.	The World's first country to grant Citizenship to a robot :								
	(A)	Israel	(B)	Saudi Ara	ıbia	(C)	Britain	(D)	Germany
	- o O o -								

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