



(CSE)

COMPUTER SCIENCE AND ENGINEERING INSTRUCTIONS TO CANDIDATES

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- 3. Use of Calculators, Mathematical Tables and Log books is not permitted.
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- 10. No loose sheets or papers will be allowed in the examination hall.
- 11. Timings of Test: 10.00 A.M. to 1.00 P.M.
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- 13. Before leaving the examination hall candidate should return both the OMR Response Sheet and the leaflet attached to this question paper booklet to the invigilator. Failure to return any of the above shall be construed as malpractice in the examination. Question paper booklet may be retained by the candidate.
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Vote: (1) Answer all questions.

- (2) Each question carries I mark. There are no negative marks.
- (3) Answer to the questions must be entered only on OMR Response Sheet provided separately by completely shading with H.B. Pencil, only one of the circles 1, 2, 3 or 4 provided against each question, and which is most appropriate to the question.
- (4) The OMR Response Sheet will be invalidated if the circle is shaded using ink / ball pen or if more than one circle is shaded against each question.

MATHEMATICS

If
$$A = \begin{bmatrix} 3 & 0 & 0 \\ 0 & 3 & 0 \\ 0 & 0 & 3 \end{bmatrix}$$
, then $A^4 = \begin{bmatrix} 3 & 0 & 0 \\ 0 & 3 & 0 \\ 0 & 0 & 3 \end{bmatrix}$

- (1) 3I
- (2) 9I
- (3) 271
- (4) 811

1. If
$$A = \begin{bmatrix} 0 & 2 & 1 \\ -2 & 0 & -2 \\ -1 & x & 0 \end{bmatrix}$$
 is a skew symmetric matrix, then the value of x is

- (1) 1
- (2) 2
- (3) 3
- (4) 4

What is the number of all possible matrices with each entry as 0 or 1 if the order of matrices is 3×3

- (1) 64
- (2) 268
- (3) 512
- (4) 256

If
$$A = \begin{bmatrix} 1 & i & -i \\ i & -i & 1 \\ -i & 1 & i \end{bmatrix}$$
, then $|A| =$

- (1) 1
- (2) 2
- (3) 3
- (4) 4





Set Code : Booklet Code:

5.	The solution of a system of	linear equations $2x - v +$	+3z = 9, $x + y + z = 6$, $x - y + z = 2$ is
----	-----------------------------	-----------------------------	---

(1)
$$x = -1, y = -2, z = -3$$

(2)
$$x = 3, y = 2, z = 1$$

(3)
$$x = 2, y = 1, z = 3$$

(4)
$$x = 1, y = 2, z = 3$$

6. If
$$\frac{1}{x^2 + a^2} = \frac{A}{x + ai} + \frac{B}{x - ai}$$
 then $A =$ ______, $B =$ ______.

(1)
$$\frac{1}{2ai}$$
, $-\frac{1}{2ai}$

(1)
$$\frac{1}{2ai}$$
, $-\frac{1}{2ai}$ (2) $-\frac{1}{2ai}$, $\frac{1}{2ai}$ (3) $\frac{1}{ai}$, $-\frac{1}{ai}$ (4) $-\frac{1}{ai}$, $\frac{1}{ai}$

(3)
$$\frac{1}{ai}$$
, $-\frac{1}{ai}$

$$(4) \quad -\frac{1}{ai}, \frac{1}{ai}$$

7. If
$$\frac{2x+4}{(x-1)^3} = \frac{A_1}{(x-1)} + \frac{A_2}{(x-1)^2} + \frac{A_3}{(x-1)^3}$$
 then $\sum_{i=1}^3 A_i$ is equal to

8. The period of the function
$$f(x) = |\sin x|$$
 is

(1)
$$\pi$$

(2)
$$2\pi$$

(3)
$$3\pi$$

(1)
$$\frac{\sqrt{5}+}{4}$$

(2)
$$\frac{\sqrt{5}+1}{2}$$

(3)
$$\frac{\sqrt{5}-}{2}$$

$$(4) \quad \frac{\sqrt{5}-1}{4}$$

11. If
$$A+B+C = \pi$$
, then $\sin 2A + \sin 2B + \sin 2C =$

4 cosA sinB cosC

(2) 4 sinA cosB sinC

(3) 4 cosA cosB cosC

(4) 4 sinA sinB sinC

12. The principal solution of
$$Tanx = 0$$
 is

(1)
$$x = n\pi, n \in \mathbb{Z}$$

(3)
$$x=(2n+1) \pi/2, n \in \mathbb{Z}$$

(4)
$$x = n\pi + \alpha, n \in \mathbb{Z}$$

	Set Code :	T2
Boo	oklet Code :	A

13.	The value of Tan-1	(2) + Tan-1	(3) is
	****	(-)	\ /

- (2) $\frac{\pi}{2}$ (3) $\frac{\pi}{3}$

- (1) 1:2:3
- (2) 2:3:4
- (3) 3:4:5
- (4) 4:5:6

15. The value of
$$r.r_1.r_2.r_3$$
 is

- (1) Δ^2
- (2) Δ^{-2}

16.
$$\frac{1}{r1} + \frac{1}{r2} + \frac{1}{r3} =$$

- (1) $\frac{1}{r}$ (2) $\frac{1}{2r}$
- (3)

17. If
$$a=6$$
, $b=5$, $c=9$, then the value of angle A is

- (1) $\cos^{-1}(2/9)$
- (2) $\cos^{-1}(2/5)$
- cos-1 (7/9) (3)
- cos-1 (1/3) (4)

18. The polar form of complex number
$$1-i$$
 is

- (1) $\sqrt{2}e^{-i\pi/4}$ (2) $\sqrt{2}e^{i\pi/4}$ (3) $\sqrt{2}e^{i\pi/2}$

19. If
$$1, \omega, \omega^2$$
 be the cube roots of unity, then the value of $2^{\omega^3}.2^{\omega^5}.2^{\omega}$ is

- (1) w
- (2) ω^2
- (3) 1
- (4) 0

20. The intercept made on X-axis by the circle
$$x^2+y^2+2gx+2fy+c=0$$
 is

- (1) $\sqrt{g^2-c}$
- (2) $\sqrt{f^2-c}$ (3) $2.\sqrt{g^2-c}$ (4) $2.\sqrt{f^2-c}$

21. If one end of the diameter of the circle
$$x^2+y^2-5x-8y+13=0$$
 is (2, 7), then the other end of the diameter is

- (1) (3, 1)
- (2) (1,3)
- (3) (-3, -1) (4) (-1, -3)



Set Code : Booklet Code :

22	The radius of the circle	$\sqrt{1+m^2(x^2+y^2)}-2cx-2mcy=0$	1:0
44.	THE faulus of the chicle	VI + m (x + y) - 2cx - 2mcy = 0	J IS

- (1) 2c
- (2) 4c
- (3) c/2
- (4) c

23. The parametric equations of the ellipse
$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$$
 are

- (1) $x = a \sec \theta, y = b \tan \theta$
- (2) $x = b \sin\theta, y = a \cos\theta$
- (3) $x = a \cos\theta, y = b \sin\theta$
- (4) $x = a \csc\theta, y = b \cot\theta$

24. The equation of the directrix of the parabola
$$2x^2 = -7y$$
 is

- (1) 8y+7=0
- (2) 8y-7=0
- (3) 7y+8=0
- (4) 8x-7=0

25. The condition for a straight line
$$y = mx + c$$
 to be a tangent to the hyperbola $\frac{x^2}{a^2} - \frac{y^2}{b^2} = 1$ is

- (1) c = a/m
- (2) $c^2 = a^2m^2 b^2$ (3) $c^2 = a^2m^2 + b^2$ (4) $c^2 = a/m^2$

26. Lt
$$\frac{\sqrt{5x-4}-\sqrt{x}}{x-1}$$
 is

- (1) 3
- (2)
- (3) 4
- (4) 1

27.
$$\log i =$$

- (1) $\pi/2$
- (2) $\pi/4$
- (3) $i\pi/2$
- $i\pi/4$

28.
$$\frac{d}{dx}[\log_7 X] =$$

- (1) $\frac{1}{x}$ (2) $X \log_7^e$ (3) $\frac{1}{x} \log_e^7$ (4) $\frac{1}{x} \log_7^e$

29.
$$\frac{d}{dx}[2\cosh x] =$$

- (1) $\frac{e^x + e^{-x}}{2}$ (2) $\frac{e^x e^{-x}}{2}$ (3) $e^x + e^{-x}$ (4) $e^x e^{-x}$



$$30. \quad \frac{d}{dx} \left[\cos^{-1} \left(\frac{1 - x^2}{1 + x^2} \right) \right] =$$

- (1) $\frac{1}{1+x^2}$ (2) $\frac{-1}{1+x^2}$ (3) $\frac{2}{1+x^2}$

31. If
$$x = at^2$$
, $y = 2at$, then $\frac{dy}{dx} =$

- (1) $\sqrt{\frac{y}{x}}$ (2) $\sqrt{\frac{x}{a}}$ (3) $\sqrt{\frac{a}{x}}$

32. The derivative of
$$e^x$$
 with respect to \sqrt{x} is

- $(1) \quad \frac{2\sqrt{x}}{e^x} \qquad (2) \quad 2\sqrt{x}e^x$
- (3) $\frac{e^x}{2\sqrt{x}}$

33. The equation of the normal to the curve
$$y = 5x^4$$
 at the point (1, 5) is

- (1) x + 20y = 99 (2) x + 20y = 101 (3) x 20y = 99
- (4) x 20y = 101

34. The angle between the curves
$$y^2 = 4x$$
 and $x^2 + y^2 = 5$ is

- (2) $tan^{-1}(2)$ (3) $tan^{-1}(3)$
- (4) $tan^{-1}(4)$

35. If
$$u = x^3y^3$$
 then $\frac{\partial^3 u}{\partial x^3} + \frac{\partial^3 u}{\partial y^3} =$

- (1) $6(x^3+y^3)$ (2) $6x^3y^3$
- (3) $6x^3$

36.
$$\int \csc x \, dx =$$

- (1) $\log(\csc x + \cot x) + C$
- (2) $\log(\cot x/2) + C$

(3) $\log (\tan x/2) + C$

(4) $-\csc x \cdot \cot x + C$



Set Code: T2

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37.
$$\int_0^{\frac{\pi}{2}} \cos^{11} x \, dx =$$

(1)
$$\frac{256}{693}$$

(1)
$$\frac{256}{693}$$
 (2) $\frac{256\pi}{693}$ (3) $\frac{\pi}{4}$ (4) $\frac{128}{693}$

(3)
$$\frac{\pi}{4}$$

$$(4) \frac{128}{693}$$

38.
$$\int f^1(x) [f(x)]^n dx =$$

(1)
$$\frac{[f(x)]^{n-1}}{n-1} + C$$
 (2) $\frac{[f(x)]^{n+1}}{n+1} + C$ (3) $n[f(x)]^{n-1} + C$ (4) $(n+1)[f(x)]^{n+1} + C$

(2)
$$\frac{[f(x)]^{n+1}}{n+1} + C$$

(3)
$$n[f(x)]^{n-1} + C$$

$$(n+1)[f(x)]^{n+1}+C$$

$$39. \quad \int \frac{dx}{(x+7)\sqrt{x+6}} =$$

(1)
$$Tan^{-1}(\sqrt{x+6})+C$$

(2)
$$2Tan^{-1}(\sqrt{x+6})+C$$

(3)
$$Tan^{-1}(x+7)+C$$

(4)
$$2Tan^{-1}(x+7)+C$$

40.
$$\int \tan^{-1} x \, dx =$$

(1)
$$x.Tan^{-1}x + \frac{1}{2}\log(1+x^2) + C$$

(2)
$$\frac{1}{1+x^2}+C$$

$$(3) \quad x^2.Tan^{-1}x + C$$

(4)
$$x.Tan^{-1}x - \log \sqrt{1+x^2} + C$$

$$41. \quad \int \frac{dx}{1+e^{-x}} =$$

(1)
$$\log(1+e^{-x}) + C$$

(2)
$$\log(1+e^x) + C$$

(3)
$$e^{-x} + C$$

(4)
$$e^{x} + 0$$

42.
$$\int_{-\frac{\pi}{2}}^{\frac{\tau}{2}} \sin|x| \, dx =$$

- (2) 1



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- 43. Area under the curve $f(x) = \sin x$ in $[0, \pi]$ is
 - (1) 4 sq. units
- (2) 2 sq. units
- (3) 6 sq. units
- 8 sq. units

- 44. The order of $x^3 \frac{d^3 y}{dx^3} + 2x^2 \frac{d^2 y}{dx^2} 3y = x$ is
 - (1) 1
- (2) 4
- (3) 3
- (4) 2

- 45. The degree of $\left[\frac{d^2 y}{dx^2} + \left(\frac{dy}{dx} \right)^2 \right]^{\frac{3}{2}} = a \frac{d^2 y}{dx^2}$ is
 - (1) 4
- (2) 2
- (3) 1
- 46. The family of straight lines passing through the origin is represented by the differential equation

 - (1) ydx + xdy = 0 (2) xdy ydx = 0 (3) xdx + ydy = 0 (4) xdx ydy = 0

- The differential equitation $\frac{dy}{dx} + \frac{ax + hy + g}{hx + hy + f} = 0$ is called
 - (1) Homogeneous (2) Exact
- (3) Linear
- (4) Legender
- 48. The solution of differential equation $\frac{dy}{dx} = e^{-x^2} 2xy$ is
 - (1) $v \cdot e^{-x^2} = x + c$ (2) $v e^x = x + c$
- (3) $ve^{x^2} = x + c$
- (4)
- 49. The complementary function of $(D^3+D^2+D+1)y = 10$ is
 - (1) $C_1 \cos x + C_2 \sin x + C_3 e^{-x}$
- (2) $C_1 \cos x + C_2 \sin x + C_3 e^x$
- (3) $C_1 + C_2 \cos x + C_3 \sin x$
- (4) $(C_1 + C_2x + C_3x^2)e^x$
- 50. Particular Integral of $(D-1)^4y = e^x$ is

 - (1) $x^4 e^x$ (2) $\frac{x^4}{24} e^{-x}$ (3) $\frac{x^4}{12} e^x$ (4) $\frac{x^4}{24} e^x$



Set Code :	12
Booklet Code :	A

PHYSICS

51.	force. The dimensions of B will be	·	vij - m where m is inical mass den	sity and Alis
	(1) same as that of latent heat	(2)	same as that of pressure	
	(3) same as that of work	(4)	same as that of momentum	
52.	The dimensional formula of capacitance in	n terms	of M, L, T and I is	
	(1) $[ML^2T^2I^2]$ (2) $[ML^{-2}T^4I^2]$	(3)	$[M^{-1}L^{3}T^{3}I]$ (4) $[M^{-1}L^{-2}T^{4}I^{2}]$]
53.	If l , m and n are the direction cosines of a	vector,	then	
÷	(1) $l+m+n=1$ (2) $l^2+m^2+n^2=$	1 (3)	$\frac{1}{l} + \frac{1}{m} + \frac{1}{n} = 1$ (4) $lmn = 1$	
54.	The angle between i+j and j+k is			
	(1) 0° . (2) 90°	(3)	45° (4) 60°	
55.	A particle is moving eastwards with a velo 5 ms ⁻¹ northwards. The average acceleration			changes to
	(1) $\frac{1}{\sqrt{2}}$ ms ⁻² towards north-west	(2)	zero	
	(3) $\frac{1}{2}$ ms ⁻² towards north	(4)	$\frac{1}{\sqrt{2}}$ ms ⁻² towards north-east	
56.	The linear momentum of a particle varies variet?	with tin	the t as $p = a+bt+ct^2$ which of the f	ollowing is

- (1) Force varies with time in a quadratic manner.
- (2) Force is time-dependent.
- (3) The velocity of the particle is proportional to time.
- (4) The displacement of the particle is proportional to t.
- 57. A shell of mass m moving with a velocity v suddenly explodes into two pieces. One part of mass m/4 remains stationary. The velocity of the other part is
 - (1) v
- (2) 2v
- (3) 3v/4
- (4) 4v/3





Set Code: T2

58.	The	velocity of a freely fa	alling body afte	er 2s is	N.T.			34
	(1)	9.8 ms ⁻¹ (2)	10.2 ms ⁻¹	(3)	18.6 ms ⁻¹	(4)	19.6 ms ⁻¹	
59.		rge number of bullets ground on which thes				speed u	. The maxim	um area on
ēli.	(1)	$\frac{\pi u^2}{g^2} \tag{2}$	$\frac{\pi u^4}{g^2}$	(3)	$\frac{\pi u^2}{g^4}$	(4)	$\frac{\pi u}{g^4}$	
60.	The the c	minimum stopping d coefficient of friction	istance for a ca between the ty	r of mass a	m, moving with the road is μ, w	a spee ill be	d v along a le	vel road, if
	(1)	$\frac{v^2}{2\mu g} \tag{2}$	$\frac{v^2}{\mu g}$	(3)	$\frac{v^2}{4\mu g}$	(4)	$\frac{v}{2\mu g}$	
61.	Whe	en a bicycle is in mot that it acts						
	(1)	In the backward dire						
	(2)	In the forward direc					ection on the	rear wheel
	(3)	In the backward dir					*	
	(4)	In the forward direc	ction on both th	e front an	d the rear whe	els		
62.	In a	perfectly inelastic co	ollision, the two	bodies				
	(1)				explode with	out strik	ing	
	(3)	implode and explod	le	(4)	combine and	move to	gether	
63.	Und	er the action of a con	stant force, a n	article is	experiencing a	consta	nt acceleration	n, then the
05.		er is	otani roree, a p					E.,
	(1)	zero		(2)	positive			
	(3)	negative		(4)	increasing un	iformly	with time	

64. Consider the following two statements:

(1) A implies B & B implies A

(3) A implies B but B does not imply A

Then

A: Linear momentum of a system of particles is zero.B: Kinetic energy of a system of particles is zero.



Set Code : T2

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(2) A does not imply B & B does not imply A

(4) A does not imply B but B implies A

65.	An hei	engine develo ght of 40 m? (6	ps 10 k Given g	W of po = 10 ms	wer. H	ow muc	th time will it	ake to l	ift a mass of 20	00 kg to
20	(1)	4s	.(2)	5s		(3)	8s	(4)	10s	
66.								the time	period will be	
	(1)	$T\sqrt{n}$	(2)	$\frac{1}{\sqrt{n}}$		(3)	nT	(4)	Т .	
67.	Wh	en temperature	e increas	ses, the f	requen	cy of a	tuning fork			
	(1)	increases								
	(2)	decreases								
	(3)	remains sam	e	(a -			((*))			
	(4)	increases or	decrease	es deper	ding o	the m	aterials			
				-						
68.	Ifa	simple harmor	nic moti	on is rep	oresente	ed by $\frac{a}{a}$	$\frac{d^2x}{dy^2} + \alpha x = 0$, its	s time po	eriod is	¥
	(1)	$2\pi\sqrt{\alpha}$	(2)	2πα	-	(3)	$\frac{2\pi}{\sqrt{\alpha}}$	(4)	$\frac{2\pi}{\alpha}$	
69.		nema hall has total absorptio				s requi	red to have rev	erberati	on time of 1.5	second
	(1)	850 w-m ²	(2)	82.50	w-m ²	(3)	8.250 w-m ²	(4)	0.825 w-m ²	





		*1 19			Set	Code: T2
				0	Booklet	
70.	To a	bsorb the sound in a hall which of the fol	llowi	ng are used		
,	(1)		(2)			
		Polished surfaces	(4)	Platforms		
71	IFNI	represents avagadro's number, then the	numl	oer of molecules in 6	gm of hydr	ogen at NTP is
71.		2N (2) 3N	(3)	N (4)) N/6	
	4 10					: T. W. :-
72.	The	mean translational kinetic energy of a p			temperatu	re I K is
	(1)	$\frac{1}{2}kT \qquad (2) kT$	(3)	$\frac{3}{2}kT \tag{4}$) 2kT	
				- 第		
73.	The	amount of heat given to a body which ra	aises	its temperature by 1°	C	
	(1)	and a first and the proof of the control of the con	(2)	thermal heat capaci	ity	Q1 ₹8
	(3)	specific heat	(4)	temperature gradie	nt	
74.	Dui	ring an adiabatic process, the pressure o	f a ga	as is found to be prop	ortional to	the cube of its
	abs	olute temperature. The ratio Cp/Cv for g				
	(1)	$\frac{3}{2}$ (2) $\frac{4}{3}$	(3)	2 (4	$\frac{5}{3}$	* % &
			200			
75.	Cla	dding in the optical fiber is mainly used	to			
	(1)		stress	ses		
	(2)			51 12		a e e
	(3)					
	(4)	to protect the fiber from electromagn	etic g	guidance		
+						
		•				





Set Code :	T2
Booklet Code :	A

CHEMISTRY

76.	The	valency electro	nic con	figuration of l	Phospho	orous atom (At.N	No. 15) is
	(1)	$3s^2 3p^3$	(2)	3s1 3p3 3d1	(3)	3s2 3p2 3d1	(4)	3s1 3p2 3d2
77.	And	element 'A' of A	t.No.12	combines with	h an elei	ment 'B' of At.N	0.17.7	The compound formed is
	(1)	covalent AB	(2)	ionic AB ₂	(3)	covalent AB ₂	(4)	ionic AB
78.	The	number of neut	rons pr	esent in the ato	om of se	Ba ¹³⁷ is		
	(1)	56	(2)	137	(3)	193	(4)	81
79.	Hyd	lrogen bonding	in wate	r molecule is r	esponsi	ble for		
	(1)	decrease in its	freezi	ng point	(2)	increase in its	degree	e of ionization
	(3)	increase in its	boiling	g point	(4)	decrease in its	boilin	g point
80.	In th	ne HCl molecule	the bo	onding between	n hydros	gen and chlorine	is	•
		purely covaler		The state of the s		polar covalent		complex coordinate
81.	Pota	ssium metal and	d potas	sium ions				
	(1)		-		(2)	have the same	numbe	er of protons
		both react with		ne gas	(4)			onic configuration
82.	stan	dard flask. 10 ml	of this	solution were p	ipetted		lask ar	made upto 100 ml in a nd made up with distilled solution now is
	(1)	0.1 M	(2)	1.0 M	(3)	0.5 M	(4)	0.25 M
83.	Con	centration of a	.0 M s	olution of pho	sphoric	acid in water is		
	(1)	0.33 N	(2)	1.0 N	(3)	2.0 N	(4)	3.0 N
84.	Whi	ch of the follow	ing is a	Lewis acid?				
		Ammonia			(2)	Berylium chlor	ide	
	(3)	Boron trifluor	ide		(4)	Magnesium oxi	ide	
					14-A			





Set Code : T2

								Doublet Co.	A A
85.	Whi	ch of the follow	ving con	stitutes the c	component	ts of a buffer	solution	?	
85.	(1)	Potassium chl	oride an	d potassium	hydroxide				
	(2)	Sodium aceta	te and ac	etic acid	•				
	(3)	Magnesium sı	ulphate a	nd sulphuric	acid				
	(4)	Calcium chlo	ride and	calcium ace	tate			*:	
86.	Whi	ch of the follow	ving is a	n electrolyte	?				
00.		Acetic acid	(2)	Glucose	(3)	Urea	(4)	Pyridine	
					0.110.1437	10 +2/Ci-	on that I	0 Cd/Cd+2 =	= 0 44V and
87.	Calc	culate the Stan	dard em	f of the cell,	Cd/Cd*2//	Cu ⁻² /Cu giv	en mat i	Curcu	O,TTT une
		$Cu/Cu^{+2} = (-) 0.$		1.0 V	(3)	(-) 0.78 V	(4)	0.78 V	
		(-) 1.0 V							
88.	A so	olution of nicke	el chlorie	de was elect	rolysed us	ing Platinum	electro	les. After ele	ectrolysis,
00.	(1)	nighal will be	denosit	ed on the an	ode (2)	Cl. gas will	be libera	ited at the ca	mode
	(3)	H ₂ gas will be	e liberate	ed at the ano	de (4)	nickel will	be depos	ited on the c	athode
		4 TO K		3 .					
89.	Wh	ich of the follo	wing me	tals will und	lergo oxida	ation fastest	?	T 1000	
	(1)		(2)	Li	(3)	Zinc	(4)	Iron	
					for the sta	rilization of	drinking	water?	This does
90.		ich of the follo	wing car	nnot be used	for the ste	Calcium O	vychlorid	le	
	(1)		11 .1-	W. 1	(2)	Chlorine w			*
	(3)	Potassium C	hloride		(4)	Ciliotitie	u.c.		
0.1	۸.	vater sample sh	owed it	to contain 1.	20 mg/litre	e of magnesi	um sulph	ate. Then, it	s hardness in
91.	ter	ms of calcium of	arbonat	e equivalent	is	Christian III			
	(1)		(2)		(3)	0.60 ppm	(4)	2.40 ppm	
	100			Carrell Server					
92.	So	da used in the I	-S proc	ess for softer	ning of wa	ter is, Chem	ically.		
	(1)				(2)	sodium car	bonate d		
	(3)	sodium carb	onate		(4)	sodium hy	droxide (40%)	
02	Th	e process of ce	mentatio	n with zinc	nowder is l	known as			
93.		sherardizing		zincing	(3)	metal clad	ding (4)) electropl	ating
	(1)	, sherardizing	, (-)		3716	8			
		154			15-A				





Set Code: T2

						Booklet	Code : A
94.	Car	rosion of a metal is	fastest in			. 19	
	(1)	rain-water (2	2) acidulated w	rater (3)	distilled water	(4) de-ionis	ed water
95.	Wh	ich of the following	is a thermoset p	olymer?			
	(1)	Polystyrene		(2)	PVC		
	(3)	Polythene		(4)	Urea-formaldel	hyde resin	
96.	Che	mically, neoprene is				. 10	
	(1)	polyvinyl benzene	30 T	(2)	polyacetylene		
	(3)	polychloroprene		(4)	poly-1,3-butadi	ene	
07	17.1						
97.		canization involves h	eating of raw rut				
	(1)	selenium element		(2)	The state of the s		
	(3)	a mixture of Se and	i elementai sulpi	iur (4)	a mixture of sele	enium and sulpi	nur dioxide
98.	Petr	ol largely contains	*	1000		•	
	(1)	a mixture of unsatu	rated bydrocarb	ons C -	O-		
	(2)			-	8		
	(3)						
	(4)				4		
	. ,			6 8		(F)	
99.	Whi	ch of the following g	gases is largely r	esponsib	le for acid-rain?		61 es
	(1)	SO ₂ & NO ₂		(2)	CO, & water vap	oour	2
	(3)	CO ₂ & N ₂	12	(4)	N, & CO,		
*			5. 25				
00.	BOL	stands for			24		
	(1)	Biogenetic Oxygen	Demand	(2)	Biometric Oxyge	en Demand	
	(3)	Biological Oxygen	Demand	(4)	Biospecific Oxy	gen Demand	





Set Code :	T2
ooklet Code :	A

COMPUTER SCIENCE AND ENGINEERING

10	l. Wh	ich of the follow	ing is	the first inte	grated lo	gic family?		100	
	(1)	ECL	(2)	TTL	(3) RIL	(4)) MOS	
102	2. Wh	at is the approxi	nate w	orst-case no	ise margi	n in TTL log	gic circuit?		
	(1)			ıv	(3		(4)		
103	. Wh	ich of the follow	ing is	the fastest in	tegrated !	logic family	?		
	(1)			TTL.	(3)		(4)	CMOS	
104	. Wh	en is that the NA	ND log	gic gate can i	function a	s a NOT log	ic gate?		
	(1)	One input is se				One input			
	(3)	Inputs are left of	pen		(4)	Inputs are			
105	. Wha	at logic function i	s prod	uced when ar	n inverter	is added to ea	ach input a	nd the output o	fan AND
	(1)	NAND	(2)	XOR 1	(3)	OR	(4)	NOR	
106	. Wha	at is the simplifie	d form	of the giver	1 Boolean	expression	(X+Y+	XY) (X + Z)?	
		X+Y+Z		XY+YZ		X+YZ		XZ+Y	
107.	Give	the effective co	mbina	tion for a Ma	aster slav	e flip-flop:		22 - 10	
	(1)	An SR flip-flop				An SR flip	-flop and a	T flip-flop	
	(3)	A T flip-flop an				Two T flip-		т пр пор	
108.	How	many flip-flops	are rec	quired to div	ide the in	put frequenc	v bv 64?		
	(1)		(2)		(3)			7	
109.	Whic	ch is the first mic	ropro	cessor introd	luced by t	the Intel Cor	poration?		
			(2)			8008	(4)	8080	
110.	The 8	8086 microproce	ssor h	as a	bit	data bus an	d a	bit address	bus.
66		8, 8		8, 16		16, 16		16, 20	
- 90					17-A				(CSE)





						19			_	
								Set	Code :	T2
								Booklet	Code :[A
111.	808	36 has a	ь	vtes queue.						
	(1)		(2)		(3)	8	(4)	16		
112.	The	registers whic	h are u	sed for the a	ddress ca	alculations in	based in	dexed add	ressing i	mode
	(1)	BP & SI	(2)	BP & DI	(3)	BX & SI	(4)	BX/BP &	SI/DI	
113.	Wh	ich of the follov	ving in	struction is us	sed for ur	conditional ju	ump?			
	(1)	JMP	(2)	JUMP		JZ	(4)	GO		
114.	Hov	v is the implem	entatio	n of the contr	rol sectio	n of Intel 808	6 micror	rocessor d	ono?	
	(1)	Using microps	ogram	ming	or section	n or mice 600	o microp	nocessor u	one?	
	(2)	Using nanopro								
	(3)	It is a combina	_	_	mming a	nd Hard-wire	d designs			
	(4)	Using hard-wi					a designa			
115.	How	many condition	nal flag	s are availabl	e in 8048	262		D 94 6		
	(1)		(2)	8	(3)		· (4)	16		
116.	Wha	t address instruc	ctions a	re used by a S	Stack?				Ε,	
	(1)		(2)	One	(3)	Two	. (4)	Three		
117.	Whic	ch is the address	ing mo	de where the	operand	is specified w	ithin the	instruction	?	
	(1)	Direct		Indirect	(3)		(4)	Register		
18.	EDR	AM indicates	1-2-0	•						
((1)	Extended DRA	М		(2)	Enhanced DR	AM			
((3)	Electronic DRA	M			Electrical DR				
19. 1	Whic	h of the following	ng mate	ches better wi	th DMA	I/O?				
		High Speed RA				Printer			*.	
(3)	ALU		i e		Disk				





Set Code : T2

							1	Booklet Co	de : A
20.	Whie	ch of the following	ng is n	ot a form of me	mory	?			
. 20.	(1)	Translation look			(2)		ode		129
					(4)	Instruction regi	ister		
									53.65
121.	Whi	ch of the following	ng is an	n advantage of v	irtual	memory?			
 Processes can be given priority Programs larger than the physical memory size can be run Faster access to memory on an average 									
 Processes can be given priority Programs larger than the physical memory size can be run Faster access to memory on an average Linker can assign addresses independent of where the program will be loaded in physical Which of the following is an advantage of memory interlacing? A large memory is obtained A non-volalite memory is obtained The cost of the memory is reduced Effective speed of the memory is increased 		3							
		Faster access to	memo	ory on an averag	ge .	74 2 1 (1720-1724)		- 4 - 4 ilar mir	and marmora
	(4)	Linker can assign	n addre	esses independent	ofwh	ere the program w	ili be lo	aded in physic	cai memory.
122	1171.:	sh af the followin	a ica	n advantage of r	nemo	ry interlacing?		* .	
122.					nomo	, interneting.			
	370000				reased	i			(4
123.	Whi	ch of the following	ng dev	vices should be g	given l	nigher priority in	assign	ning interrup	ts?
	(1)	Printer	(2)	Floppy disk	(3)	Keyboard	(4)	Hard disk	
						ist and and ab	on an t	o the code	
124.			ing m	ode permits reio				o life code.	
							ST .	A	id Bl. Bl
	(3)	Relative			(4)	Indirect			
125	Dot	voon what compo	nente	of a Computer d	loes at	I/O processor co	ontrol t	he flow of in	formation?
123.						I/O devices and	d Main	memory	
(3) Instruction cache (4) Instruction register 121. Which of the following is an advantage of virtual memory? (1) Processes can be given priority (2) Programs larger than the physical memory size can be run (3) Faster access to memory on an average (4) Linker can assign addresses independent of where the program will be loaded in physical memory. 122. Which of the following is an advantage of memory interlacing? (1) A large memory is obtained (2) A non-volalite memory is obtained (3) The cost of the memory is reduced (4) Effective speed of the memory is increased 123. Which of the following devices should be given higher priority in assigning interrupts? (1) Printer (2) Floppy disk (3) Keyboard (4) Hard disk 124		y							
	(3)	Two I/O devices	3		(.)		3	5 9	
126.	Wha	at 'C' command v	which	is used to free th	ne allo	cated memory?			
					(3)	Deallocate	(4)	Refresh	
		V. 1940 -			20 20			.11	ممالمد المد
127.	. In o	rder to realize dyr	namic	memory allocat	ion by	using functions	like m	alloc, calloc	and realioc,
					(2)	atdia k	(4)	etdlih h	
	(1)	string.h	(2)	stdiomemory.h	1 (3)	stato.n	(4)	Stuffo.ii	
					10 A		50		(CSE)





Set Code: T2

(CSE)

							Booklet C	ode: A
128. W	hat does 'stderr'	in C languag	e stands for	2				
(1			,		Standard error	tynes		
(3					Standard error			
				(.)	· · · · · · · · · · · · · · · · · · ·	3	-	
129. W	hat is the output of	of the follow	ing 'C' code	e?				
ma	ain()							
	{	4						44 K g
	static char	a[]="ECET	12";				7.0	a , .
	char * b = "	ECET12";						
	printf("\n%	6d %d", sized	of(a), sizeof	(b));				
1	}							
(1)	a = 7, b = 2	(2) $a = 2$	2, b = 7	(3) a	a = 7, b = 6	(4)	a = 7, b = 8	
130. Wh	nat is the purpose	rewind() fur	action in C?				* 11	
(1)	#/ OF TO				ile			
(2)								
(3)					ine			
(4)	file pointer rep						** ******	
			ding of the	Word			16.	
131. The	total number of	nodes in a bi	inary tree w	ith 'n' I	eaves is			
(1)		(2) 2n		(3) 2	ACC 572.0	(4)	2n-2	
		1808		3.5				
132. A tr	ree is special case	e of a graph	which consi	ists of _	nu	mber o	f cycles.	0.00
(1)	0	(2) 1		(3) 2		(4)	more than 2	,
133. A h	eap allows a very	efficient im	plementatio	on of a				
(1)		(2) Queu		marron mari	riority queue	(4)	Tree	
	ė#.			(-)	array queue	(.)	1100	
134. If th wou	e postorder trave ld return what?	ersing of a tr	ee results in	CFE	DBJIHGA	; then	the preorder	r traversal
	ABDCEFGHIJ	(2) ABCI	DEFGHIJ ((3) Al	BCDEFHGU	(4)	ARCDEEGH	TT .
				, . L	- JOLINOW,	()	LOCDI LOI	113

20-A





Set Code: T2

Booklet Code: A

135.	Whic	ch data structure	allow	s deletion at bot	h ends	of the list but in	sertio	n at only one e	nd?
	(1)	Input-restricted			(2)	Output-restrict	ed deq	lue	
	(3)	Priority queue			(4)	Circular queue	W		
136.		layer is	not pi	resent in the TC	P/IP re	eference model.		9 88 2	
	(1)	Transport		Session	(3)	Internet	(4)	Application	
137.		is the P	rotoco	ol Data Unit (PD	U) us	ed at the network	k laye	r of the OSI me	odel.
	(1)	Segment	(2)	Frame	(3)	Packet	(4)	Bits	54.5
129	W/hi	ch layer in the O	SI ref	erence model ta	kes th	e responsibility	of flow	v control?	
130.		Application lay		(7	(2)	Transport layer	•		
		Network layer			(4)				¥9
	(3).			- Na					
139.		are the	device	s that operate a	t the n	etwork layer of	the OS	SI model for fo	rwarding
	the packets over WAN.					To.			
	(1)	Hubs	(2)	Bridges	(3)	Switches	(4)	Routers	
									0
140.		at does SMTP sta			(2)	Standard mail	transf	er protocol	
	(1)	Standard mess			(2)	Simple message			
	(3)	Simple mail tra	ansfer	protocol	(4)	Simple messa,	ge trui	isite, protesta	
141	1.1	ntity the class of	the ID	address given it	the b	inary representat	ion be	elow:	
141.	110	00110.01110000	0.000	11100.11111100)				
	(1)		(2)		(3)	C	(4)	D	
	37 (37)		5005			3 =			
142.	Wh	ich of the follow	ing sta	atement is typica	lly FA	LSE about Ethe	rnets?		
	(1)	Ethernets use	circuit	switching to se	nd me	ssages			
	(2)	Ethernets are i	sed in	providing phys	ical ad	dress			
	(3)	Ethernet protoco	ols use	a collision-detecti	on met	hod to ensure that	messag	ges are transmitte	ed properly.
	(4)	Networks com	nected	by Ethernets ar	e limit	ted in length to a	few h	undred meters	
	(1)	110011011100011							





								Set C	Code: T2	1
								Booklet C	ode : A	
143		acts as se	curity l	ouffer bet	ween a comp	any's private ne	twork a	nd all exten	nal networks	
	(1)				(2)					
	(3)	Disaster recov	very pla	an	(4)	Virus checke	r		4 9	
144	. Ho	w many bytes ar	e used	by the Cla	ass 'B' IP ade	dresses to repre	sent the	Host and N	letwork IDs?)
		1,3		2,3		2,2		3,1		
145		proto	ocol is	used for	remote logir	purpose.				
	(1)	Telnet	(2)	HTTP	(3)	FTP	(4)	SMTP		
				9						
146	. Wh	at is meant by a	Proces	s?	137					
	(1)	A program wr	itten in	high leve	el language a	nd stored on the	disk			
	(2)	A program is e	executi	on						
	(3)	A job stored in	the se	condary	memory					
	(4)	A job available	e in the	main me	mory		100			
									-	
147.	A co	omputer system	cannot	boot if th	he	is not availab	le on it.		*	
	(1)	Loader	-		(2)	Linker				
	(3)	Interpreter			(4)	Operating Sys	stem	61		
	100 0									
148.	Wha	at is the use of Jo	b Con	trol Lang	uage (JCL) s	tatements?		- 12		
	(1)			The second second						
	(2)	Read the input	from o	ne device	e to another	device				
	(3)	Inform the OS	, the sta	art and en	d of a job in	a batch				
	(4)	For managing	the me	mory		() · · · · · · · · · · · · · · · · · ·			ž.	
49.	Whi	ch strategy allov	ws the	processes	that are logi	cally runnable t	o be ter	nporarily s	uspended?	
	(1)	Shortest Job F			(2)	First come Fir			70	9
	(3)	Non-preemptiv	e sche	duling	(4)	Round Robin				





Set Code :

Booklet Code: algorithm executes the shortest job first that has entered the queue of jobs. LIFO (3) Round Robin (2) SJF (1) FIFO 151. Fragmentation of the file system can be temporarily avoided by (2) CPU scheduling (1) Thrashing (4) I/O devices scheduling (3) Compaction 152. What is a page fault? (1) An error that occurs while a program accesses a page in the memory (2) An access to a page that is currently not available in the memory (3) A reference to a page of another program (4) An error which is page specific page replacement algorithm. 153. Belady's Anomaly is a behaviour of (2) LRU (3) Circular FIFO (4) FIFO (1) Optimal 154. What is the special software used to create a job queue? (4) Loader (3) Linker (1) Device driver (2) Spooler 155. Which of the following devices has the highest access time? (2) Cache memory (1) Floppy Disk (4) Main memory (3) Associative Memory 156. Relational database is a group of (3) Tables Packages (2) Records (1) Fields 157. The best way to classify the data models is by the degree of (4) unification (2) abstraction (3) knowledge (1) difficulty 158. Hierarchical database is not efficient when handling large amounts of data (2) (1) security 1:M relationships (4) (3) large number of transactions





Set Code : T2

Booklet Code : A

159	. Wh	ich of the foll	lowing is	a Date func	tion in SQ	L?			
	(1)	SYSDATE			(2)	SYS_DATE	Ε		
	(3)	SYSTEM_I	DATE		(4)	CURRENT	DATE		
160	. Wh	at needs to be	created are work	if Kishan is wing in India?	vorking w	th an employ	ee table a	and wants to	find out how
	(1)	Create a nev	w table		(2)	Create a ne	w query		
	(3)	Create a ne	w form		(4)	Utilize the	database	wizard	
161	. A ņ	ormal form	which is	sufficient for	or the cor	sideration o	f a relati	onal databa	se design is
	(1)	BCNF	(2)	5 NF	(3)	4 NF	(4)	3 NF	
162	. Whi	ich of the folle	owing ty	pe of JOIN is	s not used	in SOL?			
	(1)			Outer join	(3)	Equi-join	(4)	Non Equi-	join
163.	Abb	reviate SQL:		a ×					
	(1)	Systematic (inguage	(2)	Structured (Ouery La	nguage	
	(3)	Structural Q	uery Lan	iguage	(4)			_	4
164.	Wha	t is the comm	and used	in SOL to re	emove row	(s) from a gi	ven table	?	
		DELETE		DROP	(3)	ERASE	(4)		
165.	Whe	re is the 'HAV	/ING' cl	ause of SOI	used for a	uerving?		, e	6
		Used for rov		The second secon		uctyling:	3		
	(2)	Used for col							
	(3)	Used for gro							
	(4)	Used for row							
166.	If dup	olicate rows and	re to be a	voided in the	queried ou	tput using a S	ELECT	statement, wh	nat qualifier
227	(1)	DEFINITE	(2)	DISTINCT	(3)	DISJOINT	(4)	UNIQUE	
				ė.	24-A	w 51			(CSE)





							Set Code:	T2
	20 20 10					F	Booklet Code :	A
67. Sele	ect one equivalent	SQL st	atement fo	r the give	n query:			
SEL	ECTEMP_NAM	E FROM	M EMPLO	YEE WH	ERE PLACE = 'H	YD';		
(1)	SELECT EMP_	NAME	FROMEM	PLOYE	WHERE PLACE	EIN('l	HYD');	
(2)	SELECT EMP_	NAME	INEMPLO	YEE WH	IERE PLACE IN	('HYI)');	
(3)	SELECT EMP_	NAME	INEMPLO	OYEE WI	IERE PLACE = "	H';		
(4)	SELECT EMP_	NAME	IN EMPLO	OYEE WE	HERE PLACE = '	HYD')	;	
68. In S	SQL what comma	nd is use	ed to get so	rted outp	ut of a given quer			
. (1)	GROUPBY	(2) C	RDERBY	(3)	SORTBY	(4)	ARRANGEBY	
				**				
69. Mul	lti-valued depend	encies s	hould	be	e eliminated.			
(1)	Never	(2) R	arely	(3)	Always	(4)	Frequency	
	OP statement in S DML statement					(4)	TCL statement	
	storage c							
(1)	Dynamic	(2) R	egister	(3)	Auto	(4)	Mutable	
72.	feature is	not at a	ill supporte	ed by the	C++ compiler.			
(1)	Operate overloa			(2)	Exception handl	ing		
500	Reflection		E [3	(4)	Namespaces			
73	keyword	support	s dynamic	method re	esolution in C++.			
(1)	Abstract			(2)	Virtual			*
(3)	Dynamic			(4)	Typeid			
74. Whi	ich of the followin	ng shoul	d be used	to access	an array element	in C++	+?	
(1)	Dot operator			(2)	Member name			
(3)	An index number	r		(4)	Function name			
` '	*	Q.						(CSF





				9				Set C	ode: T2
								Booklet C	ode : A
175	. Wh	at is meant by or	erato	r overloadir	ng in C++	-?			
	(1)	It is creating n	ew or	erations	100 m				
	(2)	It is creating n	ew fu	nctions					2 8
	(3)	It is giving nev	v mea	nings to exi	sting C+	+ operators		ý.	
	(4)	It is loading m	ultipl	e operators	into a giv	en function			
176.		at is meant by C			nction?				
	(1)	A function whi							(4)
	(2)	A function whi							
	(3)	A function wh				class			
	(4)	A function wh	ich is	difficult to e	explain	3			*
177									
177.		++ what does re		_			12		89
	(1)	It redirects a fi							
	(2)	It redirects a st						·*	
	(3)	It redirects a de							
	(4)	It redirects the	scree	n from a de	vice to a	stream			
178	Tou	hich class of str	eam (loes 'cout'	hiest in	C++ halong to	2		
170.	(1)	stringstream	(2)	istream		ACC CONTRACTOR OF THE PARTY OF		: Catagona	
	(1)	sunigstream	(2)	isucani	(3) ostream	(4)	ifstream	
179.	Whi	ch of the follow	ing is	used by an	object to	refer to itself	,		
	(1)	this	(2)	itself) self	(4)	own	
	. ,		(-)			,	(.)	0	
180.	In C	++ when no acc	ess sr	ecifier is ex	xplicitly	mentioned for	the base	class.	is the
		alt inheritance ty							
	(1)	Public	(2)	Private	(3) Internal	(4)	Protected	
				Distriction of the contract of	15				50
		+, name mangl	ing is	used to sup	port the	feature called			
	(1)	Overloading	(2)	Overriding	(3)	Data Hiding	g (4)	Abstraction	١.
		12. 7.			26-A				(CSE)





Set Code : T2

										Booklet	Code : A
82.	Whi	ich of the followi	ng ope	erato	ors in C++	cannot	be overload	ded?			
	(1)	Assignment		-	=	(2)	Equality		-	==	
	(3)	T	on	-	. ::	(4)	Arrow		-	->	8 8
183.		canno	t be de	clar	red as a ter	nplate i	n C++				74
	(1)	Classes		3		(2)		functi	ons		
	(3)	Global function	ıs			(4)	Macros			20	
184.	Whi	ich of the followi	ng Inh	erita	ance mech	anisms	is not suppo	orted	in Jav	a .	
	(1)	Single level				(2)	Multiple l				
	(3)	Multi level	·			(4)	All the ab	ove			
	(1) (2) (3) (4)	Class X and Class Y is a must is the output of public class Ec public static vonew Ecet().go('	d of C d of C ass Z d tual fri the fo et { id mai	lass lass o no iend llow n (st	X ot have any to Class X ving given tring[] args	friend of and Cl	relationship ass Y		ch of	the follow	ing is correct?
		new Ecet().go('	hello"	, "w	ord", 2);					15	
		}									
		public void go									
		System.out.prii	ıt(y[y.]	eng	th - 1] + "'	');					100
		}				2					
7		}							12.00		
	(1)	h he	(2)	hel	lo world	(3)	world wor	rld	(4)	compila	tion fails





Set Code :	T2
Booklet Code :	A

- 187. Which one of the following statements is TRUE?
 - (1) At once, more than two threads may possibly end up in deadlock.
 - (2) The JVM implementation guarantees that multiple threads cannot enter into a deadlocked state.
 - (3) Deadlocked threads release once their sleep() method's sleep duration has expired.
 - (4) Deadlocking can occur only when the wait(), notify(), and notifyAll() methods are used incorrectly.
- 188. Fill up the blank with one of the following statements for the given Java code which allows Ecet class to compile:

```
class Navigation {
public enum Direction {North, South, East, West}
}
public class Ecet {
```

- (1) Direction d = North;
- (2) Navigation. Direction d = Navigation. Direction. North;
- (3) Direction d = Direction. North;
- (4) Navigation.Direction d = North;
- 189. What is the output of the given Java code below?

```
interface TestA { String to String();}
public class Test {

while static usid main (String() args
```

public static void main (String[] args) {
 System.out.println(new TestA() {

public String to String() { return "test";}

});
}

- (1) test
- (2) null
- (3) An exception is thrown at runtime
- (4) Compilation fails because of an error in line 1

(CSE)





Set Code : T2 Booklet Code :

	0:	n the following Java code,		can	directly	access	and cl	nange the v	alue of	the
190.		n the following Java code, ble name?				0		, (T)		
	varia							f.		
		package exam; class Ecet {								
		public String name = "hello";								
		public string name - neno,								
	(1)	}		(2)	only the	Ecet c	lass			
	(1)	any class		(4)	any clas			Ecet		
	(3)	any class in the exam package		(')	unij on					
101	Wha	t is the output of the following Jav	va code	?						
171.	WIII	public class EcetString1 {			85					
		public static void main(String[] a	args) {							
		String str = "420";	0 / (
		str+=42;								
		System.out.print(str);								
		}						2		
		1					- 4.7			
	(1)	42 (2) 420		(3)	42042		(4)	462		
102	Give	en the following Java code below,	what is	s the	output?		23			
172	. Givi	int $a = 0$;			252					
		int $b = 10$;					1/2			
		do {								
		b;								
		++a;								
		} while (a<5);								
		symtem.out.print(+a "," +b);			0					
10	(1)	5,6 (2) 5,5		(3)	6,5		(4)	6,6		
	(1)	3,0								
193	. Wh	at is a Web Browser?								
.,,	(1)	A compiler which compiles high	h level	lang	uage pro	grams				
	(2)	A compiler which compiles low	level l	angu	age prog	grams				
	(3)	An interpreter which helps to vie	ew and	navi	gate thro	ough we	b page	8		
	(4)	A loader program which connec	cts to th	he op	erating s	system	3.0			
	(.)	1-0		0.4				100	***	(CSE)





Set Code : T2

Booklet Code : A

194.	Whi	ich of the follow	ving is	not a Web Br	ower?								
.,	(1)	Mozilla Firef			(2)	Apple Safari							
	(3)	•				You Tube							
						10							
195.	Whi	ich protocol is t	used to	connect to Ir	nternet?								
	(1)	НТТР	(2)	FTP	(3)	ICMP	(4)	IP .					
196.	Whi	ch HTML tag is	s used f	or indicating	long quot	ations?							
	(1)	title	(2)	blockquote	(3)	label	(4)	style					
197.	Whi	ch of the follow	ving sta	tements is co	orrect abo	ut VBScript?							
	(1)												
	(2)												
	(3)												
	(4)	It is not an act				*)			×				
198.	Which VBscript built-in function gives the position of the occurrence of one string within another,												
		the end of the	string?					100 10					
	(1)	InStr	(2)	String	(3)	InStrRev	(4)	StrComp	2				
				- X - 1				27					
199.	Which of the following is an ASP object?												
	(1)	AdRotator	(2)	Server	(3)	BrowserCap	(4)	Content Lin	king				
200.	Whi	ch of the follow	ving is a	n ASP comp	onent?	8							
	(1)	Response	(2)	Request	(3)	Application	(4)	Content Ro	tator				