## **ADMISSION TEST**



## BS Mechanical Engineering Fall, 2011

Faculty of Engineering & Technology
International Islamic University
ISLAMABAD

Roll No. -----

## **Brief Instructions to Candidates**

- 1. Any one who violates any of the following instructions will be immediately disqualified.
- Please ensure you have no calculator, any item or information with you in the paper. Your mobile phone must be switched off and in your pocket.
   After the paper is distributed you are not supposed to look around, whisper, borrow or, lend anything.
- 3. Nobody will leave before ½ time.
- 4. There are a total of 100 questions and total time is 120 minutes.
- 5. You will get <u>1</u> mark for each correct answer, <u>0</u> mark for no answer. Selecting more than one option will give you <u>0</u> mark.
- 6. Once the time is over put down your pens and put the answer sheet inside the question paper booklet and sit back.

## Filling In The Answer Sheets

- Your answer sheet will be checked by a machine. If you do not comply with the instructions your answers will not be graded correctly.
- 8. On the backside of the answer sheet find the space for your name and roll number. Write down your name in block letters and sign the sheet.
- On the front of the answer sheet, every entry by you will require selecting one circle out of many. Mark the correct one by <u>COMPLETELY</u> filling in the circle representing it. Ink should not spread outside the boundary line of the circle.
- 10. Write the colour of your booklet next to your name ON THE BACKSIDE of your answer sheet.
- 11. If you fill in the wrong colour or fill it in on the front side of the sheet, the machine reader may fail you.
- 12. You can do rough work inside the question booklet wherever you like.

  Spare sheets are also provided at the end of the booklet
- 13. After the paper is collected, keep sitting to fill in and sign your attendance sheet which will be circulated.
- 14. All students must fill and sign their attendance sheet else they will be eliminated from the Admission test.
- 15. If you violate any instruction, your paper will be cancelled and admission refused.
- 16. Do not open the next page of the question booklet until you are told.

(A).					
	to up min thin to be in		(-).	1 mid tal tall balt	
(C).	32		(D).	None of these	
Q. No.	2 If a, a+d, a+2d,	then a	n =		
(A).	a + nd		(B).	a-nd	
	a+(n-1)d			a+(n+1)d	Ct. 2/9 ==
Q. No.	3 If x is so small that i	ts square and hig	gher powe	ers be neglected then (	$(1+3x)^{-2} =$
(A).	1 + 9x	165	(R)	1 - 9x	
	1+6x			1-6x	
Q. No.	4 A die is rolled then p	probability of ge	tting a nu	mber which is even or	greater than 4 is:
(A)	2./2		(D)		iob) on medico
(A). (C).	2/3 1/2			1/6 5/6	
(C).	1/2		(D).	3/0	
	5 A committee of 4 pe vill have 3 women?	ersons is to be ch	osen fron	n 6 men and 4 women.	How many of
(A).			(B).	6	
(C).	10		(D).	24	
	6 The number of ways	a hockey elever	can be s	elected out of 15 playe	ers if it includes a
particu	lar player:				enii i i ine
# · ·			(B).	C14	enië ( 21.00) • • Sant Tid
(A). (C).	llar player: $C_{11}^{15}$ $C_{10}^{14}$		(B). (D).	C <sub>11</sub> <sup>14</sup> C <sub>10</sub> <sup>15</sup>	enis ( 21 av.) 
(A). (C).	C <sub>11</sub> <sup>15</sup>	onals in 8-sided	(D).	C <sub>11</sub> <sup>14</sup> C <sub>10</sub> C <sub>10</sub>	enis ( 11 av.)  2002 (12 av.)  2002 (12 av.)
(A). (C). Q. No.	C <sub>11</sub> <sup>15</sup> C <sub>10</sub> <sup>14</sup> The number of diagonal		(D).	$C_{10}^{15}$ and $0 < a$ that $0 < a$	enii ( il an )  arti (il an )  arti (il an )  arti (il an )
(A). (C).	C <sub>11</sub> <sup>15</sup> C <sub>10</sub> <sup>14</sup>	onals in 8-sided	(D). figure is:	C <sub>11</sub> <sup>14</sup> C <sub>15</sub> C <sub>10</sub> 20 16	A. A. H. Sins Communication of the Communication of
(A). (C). Q. No. (A). (C).	C <sub>11</sub> 5 C <sub>11</sub> 4 C <sub>10</sub> 7 The number of diago		(D). figure is: (B). (D).	20 16	and that
(A). (C). Q. No. (A). (C). Q. No.	C <sub>11</sub> 5 C <sub>14</sub> 0 7 The number of diagonal 64 48 8 The number of terms		(D). figure is: (B). (D). on of (2x	20 16 + y) <sup>6</sup> are:	onit i in and in and in and in in in in in in in in in in
(A). (C). Q. No. (A). (C).	C <sub>11</sub> 5 C <sub>14</sub> C <sub>10</sub> 7 The number of diagonal 64 48		(D). figure is: (B). (D).	20 16	THE STATE OF THE S
(A). (C). Q. No. (A). (C). Q. No. (A). (C).	C <sub>11</sub> 5 C <sub>14</sub> 0 7 The number of diagonal 64 48 8 The number of terms	s in the expansio	(D). figure is: (B). (D). n of (2x - (B). (D).	20 16 + y) <sup>6</sup> are:	
(A). (C). Q. No. (A). (C). Q. No. (A). (C).	C <sub>11</sub> 5 C <sub>14</sub> C <sub>10</sub> 7 The number of diagonal control of terms 6 8 The number of terms 6 8 9 Which of the follow	s in the expansio	(D). figure is: (B). (D). on of (2x - (B). (D). vergent?	20 16 + y) <sup>6</sup> are:	
(A). (C). Q. No. (A). (C). Q. No. (A). (C).	C <sub>11</sub> 5 C <sub>14</sub> 0 7 The number of diagonal 64 48 8 The number of terms	s in the expansio	(D). figure is: (B). (D). n of (2x - (B). (D).	20 16 + y) <sup>6</sup> are:	

Q. No. 10 He shouted "Let me go." [C	Change to indirect speech]
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(A). He requested that let him go (B). He shouted to let him go

(C). He shouted to them to let him go He implored them to let me go

Q. No. 11 If a = 3, r = 2/3, then sum of the infinite  $S_x =$ 

(A).

9/2 (B).

2/9 (C).

3/2 (D).

Q. No. 12 The general term of the sequence 3,6,9,12, ..... is:

(A). n 2n

(C). 3n

 $n^2$ (D).

Q. No. 13 A post 30 m high is supported by wire attached to its top and a point on level ground 40 m from the foot of the post, then length of wire is:

(A). 70

50 (B).

(C). 60

80 (D).

**Q. No. 14** If a = 4, b = 3,  $r = 30^{\circ}$ , then area  $\triangle$  ABC is:

(A). 16 (B). 12

9 (C).

3 (D).

**Q. No. 15**  $3 \sin \alpha - 4 \sin^3 \alpha =$ 

(A).  $Sin \alpha$ 

Sin 2a (B).

Sin 3a (C).

Sin 4a (D).

**Q. No. 16** If Sin  $\alpha > 0$  and Tan  $\alpha > 0$  then terminal side lies in ...... Quadrant.

(A). I II

(C). III

IV (D).

Q. No. 17 If a, b, c are sides of triangle and  $s = \frac{a+b+c}{2}$  then area of triangle is:

(A).

 $\sqrt{s(s-a)} \sqrt{s(s-c)}$ (C).

(B).  $\sqrt{s(s-b)}$ (D).  $\sqrt{s(s-a)(s-b)(s-c)}$ 

. . . .

Q. No. of build	<b>18</b> If the shadow of the building is 10 ling is:	0 m long w	
(A). (C).	200	(B). (D).	150 50
	19 The radian measure of angle at the m long is:		a circle of radius 12cm which cuts off an
(A). (C).	2 rad 1/2 rad	(B). (D).	1 rad 1/3 rad
Q. No.	20 All and sundry [select the correct to	meaning]	an val
(A). (C).	Everybody without distinction Together	(B). (D).	Only rich person Selected people
	21 Electric field between the plates of when it is immersed in water will be:		or is 80 N/C. The electric field between
(A). (C).	1 <i>N/C</i> 6400 <i>N/C</i>	(B). (D).	80 N/C 40 N/C
	22 A wire 'A' has a length half that o tween 'A' and 'B' will be:	f wire 'B'	of the same material. The resistance
(A). (C).	1:1 1:4	(B). (D).	1: 2 1: 8
Q. No. called:	23 Direction of induced e.m.f is such	that it oppo	oses the cause which produces it, is
(A). (C).	Faraday's law Ampere's law	(B). (D).	Lenz's Newton's law
Q. No.	24 When solenoid is bent into circle i	t becomes:	
(A). (C).	Transformer Resistor	(B). (D).	Toroid Capacitors
Q. No.	25 A potentiometer is used to measur	e:	
(A). (C).	Resistance Potential	(B). (D).	Current Charge
			Deca 2 of 12

Q. No.	<b>26</b> Wheatstone bridge is used to:		A vin 18 If the shallow of the building is
(A). (C).	Compare resistance Determine voltage		Find current Determine more than one resistance
Q. No.	27 Which one of the following are	not electron	nagnetic waves?
(A).	Infrared waves	(B).	Ultaviolet waves
(C).	Radar waves	(D).	Sound waves
Q. No.	28 Electromagnetic waves transmit	ted by an ar	ntenna have frequency of the order of:
(A).	10 <sup>12</sup> Hz	(B).	10 <sup>10</sup> Hz
(C).	10 <sup>8</sup> Hz	(D).	10 <sup>6</sup> Hz
Q. No.	29 Tumors are irradiated by:		
(A).	electrons	(B).	y rays
(C).	αrays	(D).	βrays
Q. No.	30 As citizen we should be concern	ned	national peace.
(A).	upon	(B).	for
(C).	about	(D).	at 3, W 0043 (3)
Q. No.	31 According to Heisenberg uncert	ainty princi	ple we cant's measure simultaneously:
(A).	Energy and position	(B).	Momentum and time
(C).	Momentum and position	(D).	Time and position
	32 Laws of physics may be express ces which are:	ed in the sa	me set of equations for all frames of
(A).	Accelerated		(B), not accelerated
(C).	at rest or moving with variable	e velocity	(D). moving with constant speed
Q. No.	33 The intensity of x-ray depends of	n:	
(A).	number of electrons	(B).	number of photons
(C).	number of protons	(D).	None of these
Q. No.	34 If S contains n elements then po	wer set of S	, P(s) contains elements, which are:
(A).	$2^n$	(B).	$4^n$
(C).	5 <sup>n</sup> · · · · · · · · · · · · · · · · · · ·	(D).	6 <sup>n</sup> · · · · · · · · · · · · · · · · · · ·

Q. No.	35 The set of rational numbers between 5	and 9	is: and owns in solow off. 12-off. O
(A). (C).	Finite {5,6,7,8,9}	(B). (D).	Infinite {6,7,8}
(A).	The value of determinant of the matrix	[13 (B).	3 5 9 11 15 17 is:
(C).	2 · · · · · · · · · · · · · · · · · · ·	(D).	
Q. No. 3	37 If $\begin{bmatrix} 6 & \lambda \\ 3 & 2 \end{bmatrix}$ is singular matrix, then $\lambda =$		
(A). (C).	4 The state of the	(B). (D).	-4 2 1 2 1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2
Q. No. 3	38 In the quadratic equation $ax^2 + bx - c$	= 0, th	e sum of roots is:
(A). (C).	-b/c $-c/a$	(B). (D).	- b/a a/c
Q. No. 3	39 The roots of quadratic equation $x^2 - 4$	x = 0 a	re:
(A). (C).	Imaginary Irrational	(B). (D).	Rational and different Rational and equal
Q. No. 4	40 He said to me, "I don't believe you." [	Chang	ge to indirect speech]
(A). (C).	He asked me he didn't believe me He declared that I didn't believe him		3). He said he didn't believe me  1). He told me that I don't beleive him
Q. No.4	1 Physical quantities are often divided in	nto	categories.
(A). (C).	Two Four	(B). (D).	
Q. No. 4	Which of the following is not a derive	ed quar	ntity?
(A). (C).	Velocity Intensity of light	(B). (D).	Density Pressure
Q. No. 4	43 Scalar is a physical quantity which is	comple	etely described by a:
(A). (C).	Number only Number with proper unit	(B). (D).	Direction only Number with direction

Q. No.	The vector in space has:		
(A). (C).	Two components Four components	(B). (D).	Three components None of these
Q. No.	45 If a body of mass of 2kg is raised	vertically th	hrough 2m, then the work done will be:
(A).	38.2 J	(B).	36.2 <i>J</i>
(C).	39.2 J	(D).	392.2 J
Q. No.	46 Radian is defined as the angle sub	tended at th	ne centre of a circle by an arc of length:
(A).	Equal to its radius	(B).	Equal to double its radius
(C).	Equal to 2.5 times its radius	(D).	None of these
Q. No.	47 The current produced by moving	a loop of w	ire across a magnetic field is called:
(A).	Direct current	(B).	Alternating current
(C).	Magnetic current	(D).	Induced current
Q. No.	48 Mathematical expression for first	condition o	f equilibrium is:
(A).	$\sum Fx = 0$	(B).	$\sum Fx = 0 \text{ and } \sum Fy = 0$
(C).	$\sum Fx = 0 \ OR \sum Fy = 0$	(D).	$\sum Fy = 0$
	49 The speed of a rotary lawn mower alar acceleration will be:	r is increase	ed from 50 rev/hr to 150 rev/hr in 2sec.
(A).	50 rev/min <sup>2</sup>	(B).	100 rev/min <sup>2</sup>
(C).	$150  rev/min^2$	(D).	$200  rev/min^2$
Q. No.	50 She looked right at me, or I shoul		
(A).	towards	(B).	across
(C).	into	(D).	through
Q. No.	51 The angular speed of second's har	nd of a wat	ch is:
(A).	rad/sec	(B).	$\frac{\pi}{60}$ rad/sec
(C).	$\frac{\pi}{30}$ rad/sec	(D).	2π rad/sec
	52 A uniform rod is 50cm long. If a here should a 15N weight be hanged fr		
(A).	10 cm 100 Paris	(B).	15 cm
(C).	5 cm	(D).	20 cm programmed and a con-
			Page 6 of
11108	(gge <sup>t)</sup>		

period	will:		
(A). (C).	Increase First increse then decrease	(B). (D).	Decrease Not be effected
Q. No.	54 For checking the quality of crystals v	ve use:	(A) Stording
(A). (C).	Diffraction light Refracted light	(B). (D).	Plane polarized light Reflected light
Q. No.	55 Final image formed by a compound i	nicrosco	ppe is:
(A). (C).	Real and erect Virtual and erect	(B). (D).	Real and invert Virtual, inverted and magnified
Q. No.	56 Physical process in which heat is nei	ther lost	nor gained from the system is called:
(A). (C).	Entropy Adiabatic	(B). (D).	Isothermal Isochoric
	57 The volume of the gas is 1.6 litres an ame is halved, the pressure will be:	d pressu	re is 2 atm at constant temperature. If
(A). (C).	1 atm 4 atm	(B). (D).	2 atm 8 atm
Q. No.	58 Which one of the following is a best	conducto	or for electricity?
(A). (C).	Zinc Aluminium	(B). (D).	Silver Wet air
	59 Two similar capacitors are first connies in the two cases are in the ratio:	ected in	parallel and then in series. The
(A).	1:4	(B).	1: 2
(C).	2:1 of hard homous buesquittes a majore	(D).	4:1
Q. No.	60 He asked me to bring a chair and sit_		him.
(A).	next to	(B).	besides
(C).	towards	(D).	among

Q. No. 53 The bob of a simple pendulum is a hollow sphere with a hole at the bottom. The bob is filled with mercury and when it vibrates the mercury flows out slowly from the bob. Its time

(A). (C).	Indispensable Hostile	(B). (D).	Inimical Applicable	
,			Palestania	
Q. No.	62 DEJECTION [Choose the exact opp	osite	SEA CONTRACTOR OF THE SEA OF THE	
(A).	Elation	(B).	Privation	
(C).	Disappointment	(D).	Salvation	
what is Passage other d friends differen	ne passage given below and select the of stated or implied. (Q.Nos. 63, 64, 65) e: Cultivated people are a drop of ink in those, for those exclusive days are over and became tongue-tied or terror struck of from their own.  63 Author is comparing cultivated people.	the ocea er when in the	n. They mix easily and even geni cultivated people only made co presence of any one whose make	ally wth ultivated -up was
(A).	intermingling disposition		(B). superiority in influence	
(C).	refinement and improvement of n	nına	(D). comparatively neglig	ibie numb
Q. No.	64 The word 'cultivated' implies:		A Chi see salt to amplify her. La	
(A). (C).	subjected to cultivation refined and cultured	(B). (D).	improved by cultivation well groomed	
Q. No.	65 The contextual meaning of 'makeup	' in the		
(A).	disguise of character	(B).	physique of a person	
(C).	person's moral character	(D).	physical or mental constitu	ution
	66 In the reaction $4Al + 3O_2 \rightarrow 2 Al_2O$ noles of $O_2$ are required?	3, if the	amount of Al taken is 1/4 moles,	how
(A).	1/3 moles	(B).	2/3 moles	
(C).	4/3 moles	(D).	3/16 moles	
	67 Which of the following elements prostion analysis?			
(A).	oxygen	(B).	hydrogen	
(C).	carbon	(D).	all of the above	
	grown 4th			

Q. No. 61 AMICABLE [Choose the exact opposite]

(A). (C).	low temperature & low pressure low temperature & high pressure	(B). (D).	high temperature & high pressure high temperature & low pressure
Q. No.	69 Which of the following is a coloured	gas?	
(A). (C).	HCl Sale wallum, and Cl.	(B). (D).	HOCl HBr
Q. No.	70 Which of the following liquid is the	most vol	atile?
(A).	Pentane (41)	(B).	Petrol
(C).	Water (d)	(D).	Glycerine
Q. No.	71 Molecular crystals have:	y ben lah	
(A).	low melting point	(B).	high density
(C).	high melting point	(D).	low vapour pressure
Q. No.	72 The magnetic quantum number speci	ifies:	terior intensist call be corned as 1 . IR as 2
(A).	spin of electron	(B).	size of orbital
(C).	shape of orbital	(D).	orientation of orbital
Q. No.	73 Which of the following has no perma	anent dip	pole moment?
(A).	CCl <sub>4</sub>	(B).	$C_2H_4Cl_2$
(C).	CHCl <sub>3</sub>	(D).	$CH_3 - O - CH_3$
Q. No.	74 Which of the following is the weakes	st bond?	
(A).	Covalent bond	(B).	Ionic bond
(C).	H-bond	(D).	Coordinate covalent bond
Q. No.	75 The enthalpy change, ΔH for an endo	othermic	process is:
(A).	zero zero zerogowa i to k	(B).	negative
(C).	positive	(D).	unity
Q. No.	76 Which of the following has the higher	est entrop	py?
(A).	Steam	(B).	Water
(C).	Solid NaCl	(D).	Liquid NaCl

Q. No. 68 Under what conditions a gas is most ideal?

Q. No.	77 Electric energy is converted into che	mical en	ergy in:
(A). (C).	electrochemical cell dry cell	(B). (D).	electrolytic cell all of the above
Q. No.	78 The first element of any period has:		No. 61 Which of the following fact is
(A). (C).	the largest size highest electro — negativity	(B). (D).	the smallest size non – metallic nature
Q. No.	79 Potassium salt when placed in Bunso	en flame	imparts which colour to the flame?
(A). (C).	Blue Violet Samuel (G)	( )	Green Red
Q. No.	80 The element Zn reacts with cold and	very dil	ute HNO <sub>3</sub> to evolve:
(A). (C).	N <sub>2</sub> gas N <sub>2</sub> O gas	(B). (D).	NO gas NO <sub>2</sub> gas
Q. No.	81 The Range of the binary relation $4x^2$	$+9y^{2} =$	36 is:
(A). (C).	[-2,2] [2,2]	(B). (D).	[-3,3] None of these
(C).	[2,2]  82 If A(0,0), B(3,0) and C(0,3) are the v	(D).	None of these
(C). Q. No.	[2,2]  82 If A(0,0), B(3,0) and C(0,3) are the v	(D).	None of these
(C).  Q. No. centroi  (A). (C).	[2,2]  82 If A(0,0), B(3,0) and C(0,3) are the value of t	(B). (D).	None of these of a triangle, then co-ordinates of its  (0,1) (3/2,3/2)
(C).  Q. No. centroi  (A). (C).	[2,2]  82 If A(0,0), B(3,0) and C(0,3) are the value of the second secon	(B). (D). (B). (B).	None of these  of a triangle, then co-ordinates of its $(0,1)$ $(3/2,3/2)$ $= 0 \text{ and } 5x - 6y = 0 \text{ is:}$ $(5,-6)$
(C).  Q. No. centroi  (A).  (C).  Q. No.  (A).  (C).	[2,2]  82 If A(0,0), B(3,0) and C(0,3) are the vide is:  (1,1) (3,3)  83 The point of intersection of the lines (3,4)	(B). (D). (B). (D). (B). (D).	None of these  of a triangle, then co-ordinates of its $(0,1)$ $(3/2,3/2)$ $= 0 \text{ and } 5x - 6y = 0 \text{ is:}$ $(5,-6)$ $(0,0)$
(C).  Q. No. centroi  (A).  (C).  Q. No.  (A).  (C).	[2,2]  82 If A(0,0), B(3,0) and C(0,3) are the vide is:  (1,1) (3,3)  83 The point of intersection of the lines  (3,4) (3,5)	(B). (B). (B). (C). (B). (B). (C). (B). (D).	None of these  of a triangle, then co-ordinates of its $(0,1)$ $(3/2,3/2)$ $= 0 \text{ and } 5x - 6y = 0 \text{ is:}$ $(5,-6)$ $(0,0)$

Q. No. 85 The derivative of  $[\sec^{-1} x + \csc^{-1} x]$  is equal to:

(A). 
$$\frac{1}{\sqrt[x]{x^2-1}}$$
 (C). 0

$$\frac{1}{1+a^2}$$

Q. No. 86 If  $x = 2 \cos^2 \Theta$ ,  $y = 4 \sin^2 \Theta$  then dy/dx is equal to:

(A). 
$$-2$$

(C). 
$$-4$$

Q. No. 87 The function  $f(x) = 5x^2 - 6x + 2$  has a minima at:

(A). 
$$x = 3$$

(B). 
$$x = 5$$

(C). 
$$x = 3/5$$

(D). 
$$x = -3/5$$

Q. No. 88 The value of  $\int Sinx Cos\alpha dx$  is:

(A). 
$$(Sinx)^2/2$$

(B). 
$$(Sinx)^2/2 + C$$

(C). 
$$-\cos x \cos \alpha + C$$

(D). 
$$Cosx Cos\alpha + C$$

**Q. No. 89** The value of  $\int_3^3 (x^3 + 3x^2 + 2x + 1) dx$  is:

Q. No. 90 He was reading the books. [Change the voice]

- (A). Books was being read by him.
- **(B).** Books are being read by him.
- (C). Books were being read by him. (D).
- (D). Books have being read by him.

Q. No. 91 If the velocity of a particle moving in a straight line is given by  $v = 3t^2$  then the distance travelled by it in the first 'T' seconds is:

(A). 
$$3t^3 + C$$

(B). 
$$t^3 + 6$$

(C). 
$$3t^2 + C$$

(D). 
$$T^3 + C$$

Q. No. 92 The equation  $3x^2 - 4xy + 5y^2 = 0$  is called:

(A). Quadratic

(B). Linear

(C). Explicit

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(D). Homogeneous

Q. No.	93 The radius of the circle represented	by the ed	equation $x^2 + 2x + 1 + y^2 + 4y + 4 = 16$ , is:
(A).	16	(B).	8 (4)
(C).	11	(D).	4
(0).	<b>一种大大型的影響</b>	(2).	
Q. No.	The equation of the tangent to the c	ircle x <sup>2</sup> +	$y^2 = 8$ at the point (2, 2) is:
(A).	2x + 2y = 8	(B).	x - y = 4
(C).	x + y = 2	(D).	2x + y = 4
	4 (0)		<b>.</b> (.) <b>.</b>
	95 Locus of points in a plane, the dista distance from a fixed line in the plane i		ich of which from a fixed point is greater
(A).	a circle	(B).	a parabola
(C).	an ellipse	(D).	a hyperbola
(0).	an onepso	(2).	a hyperbota
Q. No.	96 The equation of the latus rectum of	the paral	pola $(x + 1)^2 = 4 (y - 2)$ is:
(A).	$y-3=0 \qquad 3+3\lambda^2(2\pi)^2 \qquad (11)$	(B).	$y = -3 \qquad \text{Symbol} \qquad \text{(A)}$
(C).	$x = 3 \qquad 3 + 223 \times 23 \qquad (6)$	(D).	x = -3  for all  (0)
(A).	97 In an ellipse the midpoint C of the the centre of the ellipse	(B).	focus of the ellipse
(C).	vortex of the ellipse	(D).	second focus
Q. No.	98 EXTRICATE [Select the word near	rest in m	eaning]
(A).	Relief	(B).	Indulge
(C).	Free	(D).	Extrinsic
(-)	the World and business and the her his	(2).	and of hadronin known that
Q. No.	99 LUCID [Select the word nearest in	meaning	(C). Books were have read by h
(A).	Conclusive	(B).	Unclear
(C).	Easily understand	(73)	Disruptive
	100 I shall write letters. [Change the v	ai abao	datases surveiled by it in the first Those
	7 4 5 (B)		
(A).	Letters will been written by me.	(B).	Letters will be being written by me.
(C).	Letters would be written by me.	(D).	Letters will be written by me.
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