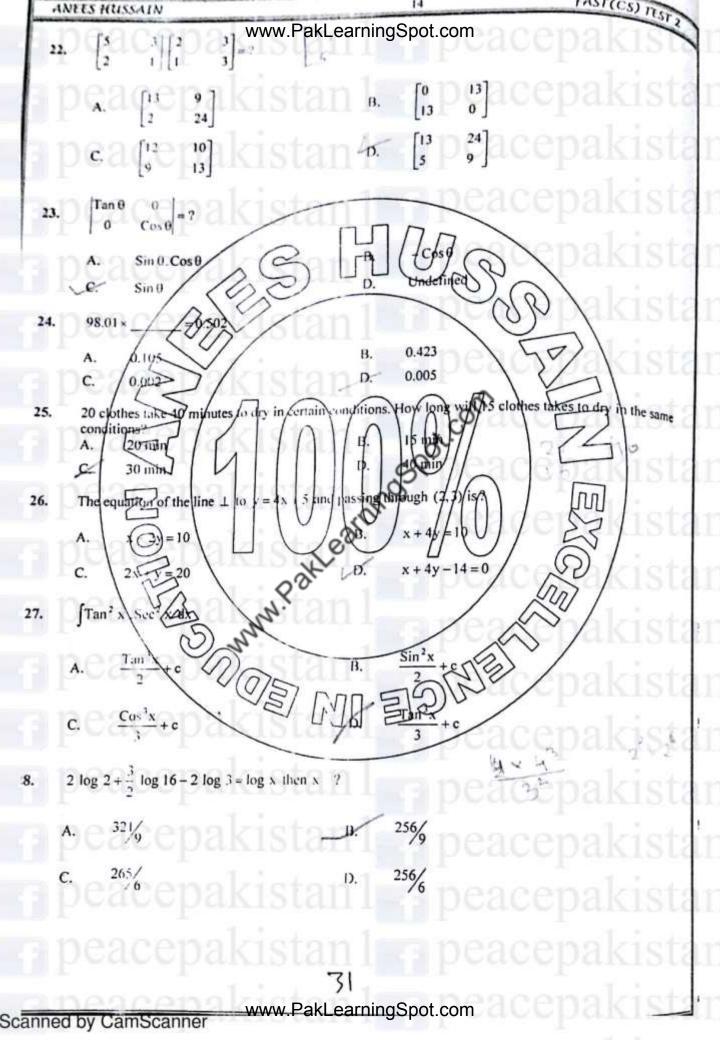
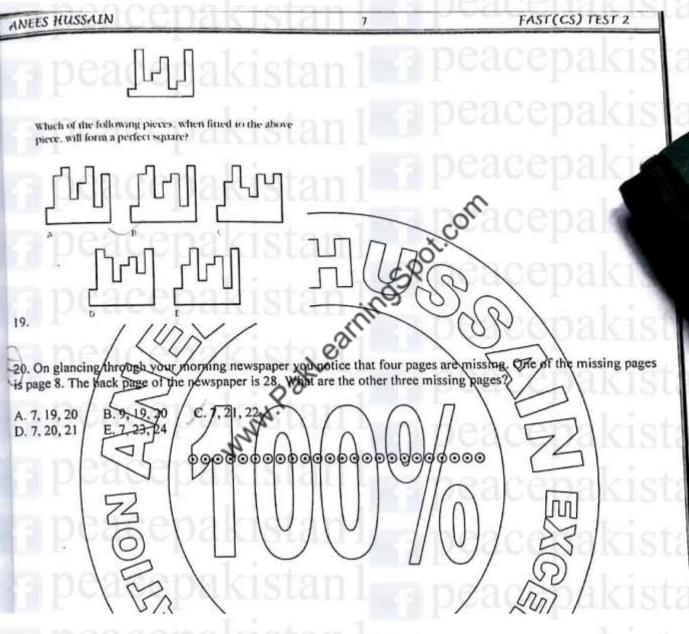
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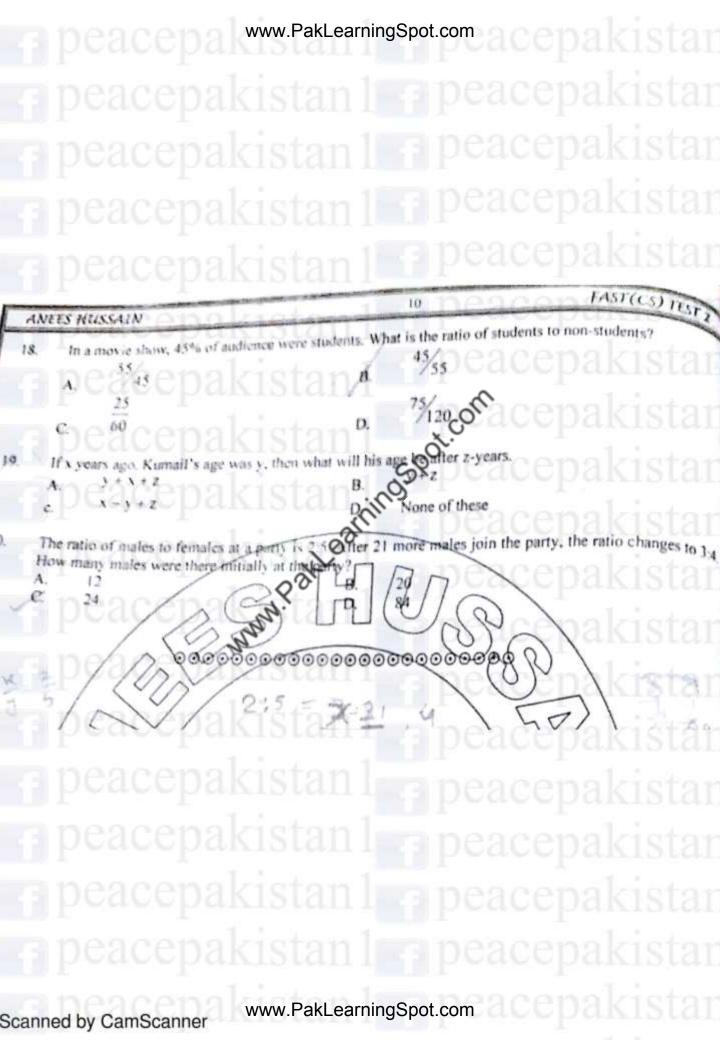
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). The box pictured has a square	e base with side x and a closed top. The surface area of the box is:
A. 4x+h	IKISI TI Peacepan
B. $4x + 4h$ C. hx^3	h
$D_{r} = 2x^{2} + 4xh$	de la la neacenaki
Dually	and state in board barri
Vaqar drives at an average s 70 m/h. What is his average	speed of 50 m/h from Karachi to Lahore and comes back at an average speed of speed for the round trip?
A. 60 m/h	B. 61:66 m/h
C. 58.33 m/h	57 m/h 90000000
neaceiz	Dell'In accuant
A shopkeeper buys coffee 4:1. What is the average of	a a \$50 per kg and coller it at \$80 per kg. He mixes them together in the ratio
nead A	B. \$56
C. 574	D. \$60
	I see the second second in the second is traveling at
13. A train/260/m in tength is	traveling at the speed of 30 km/h and another train 140 m in length is traveling at th trains are traveling in the opposite directions, in how many seconds will they
completely pass each othe	
	/ (a) (na) (A) (co)
A. Hasec	1 () () () () () () ()
	13000 after receiving a discount of 2500 what was the marked price?
A. (18250 C. (1250)	
1 6 1	
15. For the given figure, the	area of the circle is 1870 Find the side of square
	$\langle \Omega \rangle$
A. 3 \	
1 0/45	200
B. 3√2	7
	and
C. 6	1000
D. 6√2	
D. 042,	MILES OF THE PARTY
	790
16. Length of rectangle is f	11 13 Managemaki
A. 30	four times its width and area is 144, then Perimeter =?
C. 90	D. None of these
	기 : [1] : [1
17. When a coin is tossed	twice, probability of exactly one 1 head is
1000/4000	akistan / / negceralii
DO: all The	akistali 🖭 🖊 neacemaki
c. /3	
nannana	oleictor D. 1
Dealer	
Y. T.	The Property of the Property o
nagagaga	alziata 2 6 managamalzia
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The first three terms in the www.PakLearningSpot.com

$$1 - 2x - 3x^2$$

$$1 + x + x^2$$

 2×3

$$1 + 2x + 3x^2$$

$$1-x-x^2$$

If a matrix A of order 3 x 2 multiplied by another matrix B of order 2 x 3, then the order of the resultant matrix is?

.... 40 term is The sum of the series

820

een Z and 32 is?



The single harmonid mean between 2 and 8 if

A.



well shuffled teck of playing card, what is the probability of obtaining a A card is writer from Red Queen



A boy has 6 Red, 4 White and 8 Green marbles, what is the probability of obtaining 2 marbles of the same colour?

A die is thrown. The probability of obtaining in even number or six?

ANEES HUSSAIN

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NU-FAST(CS)# 2

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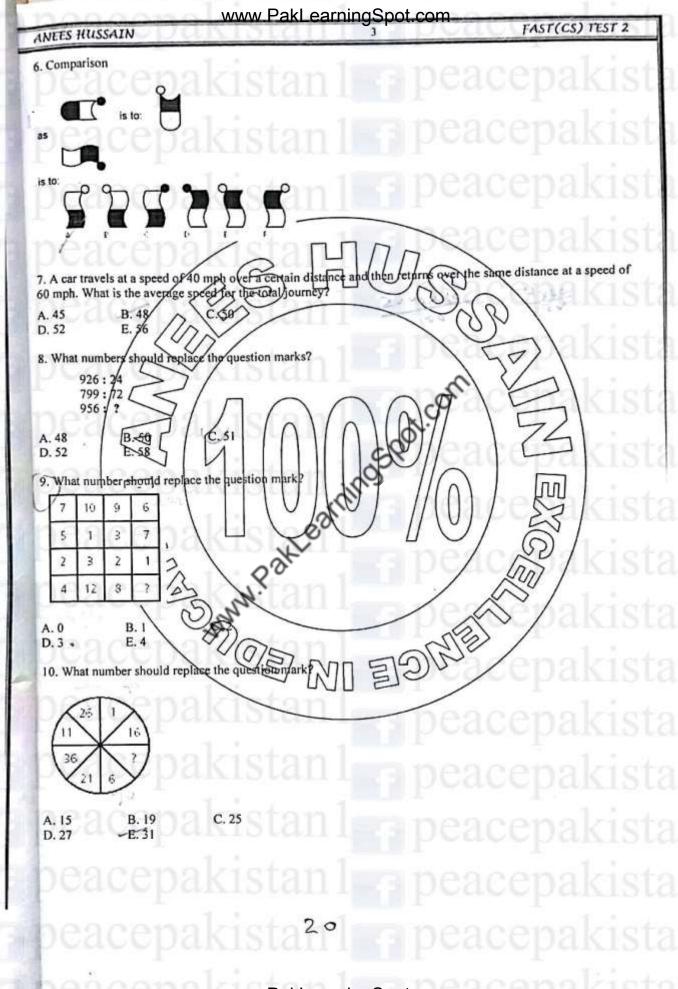
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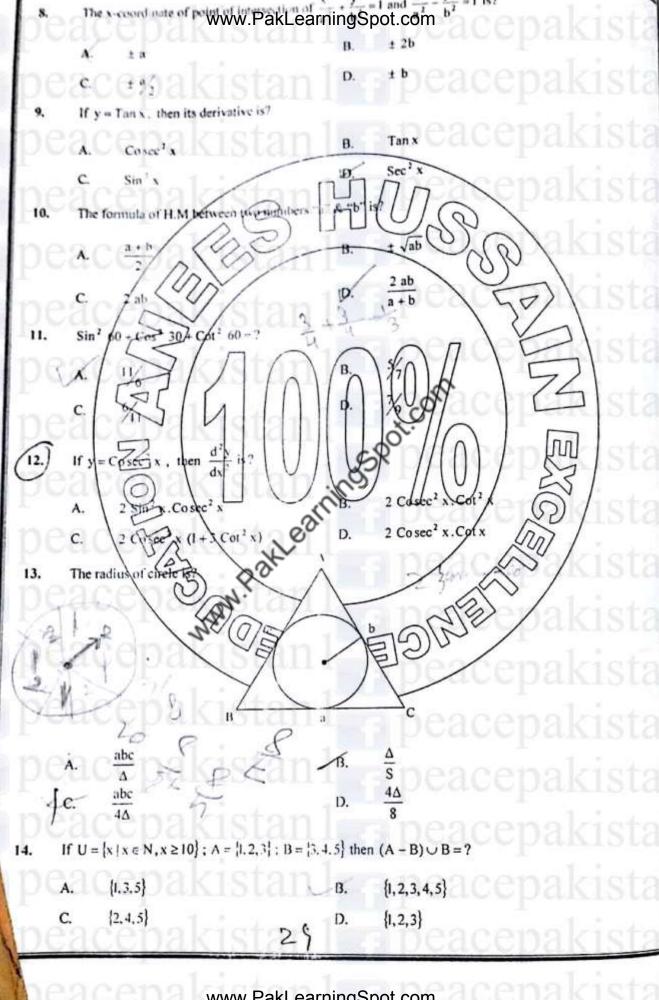
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FAST (CS) TEST 2

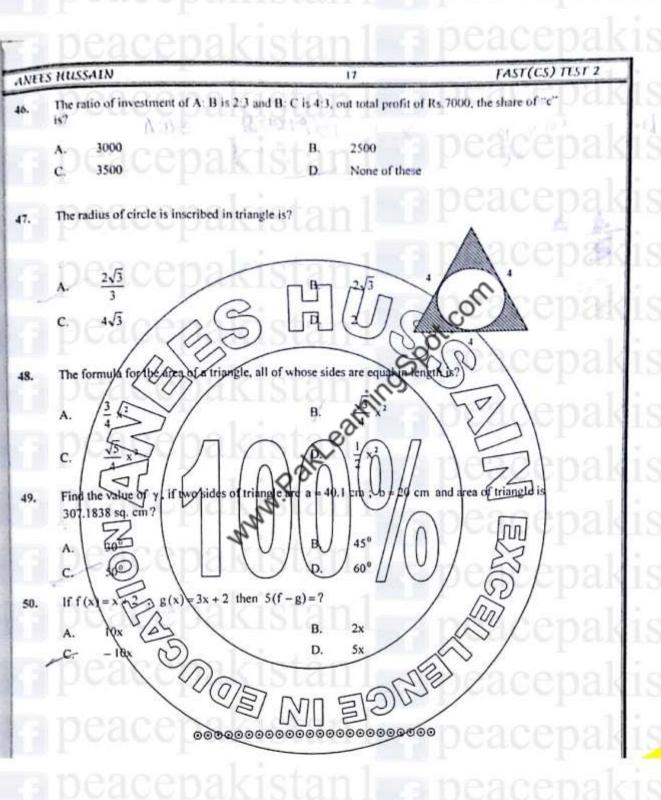
- For what value of 'k', the sum of the roots equal to the product of the roots if equations is 15.

- Find the simple interest on Rs.8500 in 5 yrs at 15%?
 - 7365

6375

D. None of these

- C.
- If a and b are perpendicular then:



laistan la pou



ENGLISH

	ction: - Question 1-2: I phrases. Choo Incorrigible	se the word	or phrase that	s closes	st in meaning to	the gi	ur lettered words ven word
	A. Narrow	В.	Straight	C.	Inconceivable	D.	Unreliable
	Ingenuous					50	
	A Clever	В.	Stimulating	C.	Native	D.	Gullible
	Change the voice			_	100		
	Who taught you gramma	17 @	MAH!	10	700		
	A. who you were to			By wi	nom are you lay	nd Bysic Bysical	ar? nmar?
	Point out the word with	noorrect spelli	ing:		10	>_	halis
	A. Emparrassment	В.	Deterrent	C.	Connoisseuk	V	Gourmat
	Fill in the blanks	_			on	4	2/00
	One property of caldiolso	/ 11	01/0	111	over a tong pelioc	drin	their
	A. The In a parliamentary system	m, t is not the	monarch but the	100	7//	-	
	A. When the real p	oower	111	Who I	nas/the real power	ed	M
	Comprehension	eal power) who i		2	3/
	Clinger shops w	ere the swiftes	Calling ships th	at were	ever put to sea ar	ightel	prost beautiful.
	These ships had their da constructed in the shipse loses its flavor quickty will fast delivery. American of 1849, when slippers to	y's of glory in ards of New En nen stored in thin hinbuilders de	the 1840s and 1 ngland. It was C he hold of a ves esigned clippers	850s. The hinese te sel, and to fill this	e first were built in a that brought the merchants were v need. They pain	enting to the C	nore, but most we existence. Tea o pay top prices for alifornia Gold Rus
		/// _			200)	/	
	According to the passage A. California	70	Banknore	到5	New England	D.	Great Britain
	They fresh grape				Did not sold	, e	Were not sell
	A. Does not sell	В.	Do not sell		Did not sold	D,	vyere not sen
	Insert the proper vert						
		nbrella?	Owing	C.	Owns	D.	Is owning
	A. Own the correct negative se	B. entence:	Ownig		inear	e.	naki
e	Mary had a little lamb.	4					
	A. Mary had not a lit	the lamb		В.	Mary did not have	ve a lit	tle lamb.
		TIE ISMO		D.	Mary does not h		13.40 - 1765 - 14 Tole.

3

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- A's income is 20% more then B's income. B's income is what percent less than A's?

20%

18 -

- 15%
- The surface area of a cube is 150-4. feet. How many cubic feet are there in the volume of the cube?
 - 30

 - 100
- Regest angle? The angles of a triangle are in the ratio 2: 3: 4. What is the degree measure

80 B.

90

- 120 D.
- If a minute hand of a clock moves 45 degree, how many minutes have
 - 60

- workers can do a piece of work in I hours. Find the pumber of hours required to complete the same wor
 - A. 9(100)r

8 hours

9. Whotirs

- 60p 10 hours
- In 1970 the cost price of a house was Rot2 and in 1996 it is Rs.34. Find the increase percent?
 - 143%

83.3

200 %

- D. 183.3 %
- Mis How many balls must you pick to be sure that you have In a bag there are 4 red 6 white and Wol atleast two matching pairs?

- D. 10
- Area of a rectangle is 144 cm2. The length of rectangle is 7 more than the breadth. Find its breadth.
 - 9 cm

15 cm

- 12 cm 20 cm
- If the area of the square is 100cm2, find the area of the sector.
 - 10π cm2

B. 25 cm2

25π cm²

100 cm2

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ENG	GLISH	SKILI	LYTICAL LS AND LQ	GENE	RAL MATH		VANCED HEMATICS
1	D	1	6 (SIX)	1	8	-	В
2	D	2	E	2	D	2	D
3	С	3	C	3	В	3	A
4	D	4	D	4	В	4	В
	N. CK	1	ABUNDANC	-	-	_	
5	D	5	E	5	C	5	D
6	В	6	Α	6	D	6	B
7	C	7	В	7	В	7	В
8	В	8	С	8	A	8	A
9	C	9	A	9	С	9	D
10	В	10	E	10	D	10	D
1	UU	- 11	E	11	A	11	A
			DISPARAGE			20	0.00
		1	AND		0.011/1		
	77/	12	PRAISE	12	8	13	В
	1100	13	67	13	В	13	
_		14	A	14	В	de	В
7.3		15	A	15	C	C	A
-		16	14	16	В	.16	C
-		18	В	17	500	17	
_		19	D	18	(A)	18	C
-	170	20	В	19	Ox.	19	
-	1	20	C	20	100	20	В
	_	+		41,		21	D
	40.75			3		23	C
	1111		1)	-	24	D
			1			25	C
		-	0.0			26	D
0	77.0	13	X	_		27	D
1	ULL	10	D CCC			28	В
	-	12				29	D
		42				30	D
	LIZ	CIT	121			31	В
	Per	-		-			D
						32	В
	40.00	100	100	- I		34	
	UA	N. I.	51.01			35	D 8
				- 1		36	8
					- 1	37	C
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	1761	1	2 LCL			39	С
_	1	-			Design of the last	40	
_		-				41	С
	1311	K 11				42	A B
-	100	12.10	1.000	-		43	В
-		-		_		44	В
F 7 S	10.75		11 11 11	-		45	A A
t	1781	1	5 L C	-		46	Α
	1			-		47	
		1		_		48	В
	1121		17.3	1		49 50	C C
	UNE		0.000	-		20	C

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The nth term of a sequence, if its first term is I and common difference is 2?

B.

$$2n - 1$$

D. 2n + 2

The equation of the line passing through origin and slope is $\frac{1}{\sqrt{3}}$?

A.
$$y = \frac{2}{\sqrt{3}} x$$

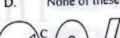
$$y = \sqrt{3} \times$$

C.
$$y = \sqrt{2}$$



"B" are 1000 square matrices then (A + B)

right bisector of





None of these

$$\operatorname{find}(f-g), = 7$$

The probability of a queen when there are two decks is?

1/26

30

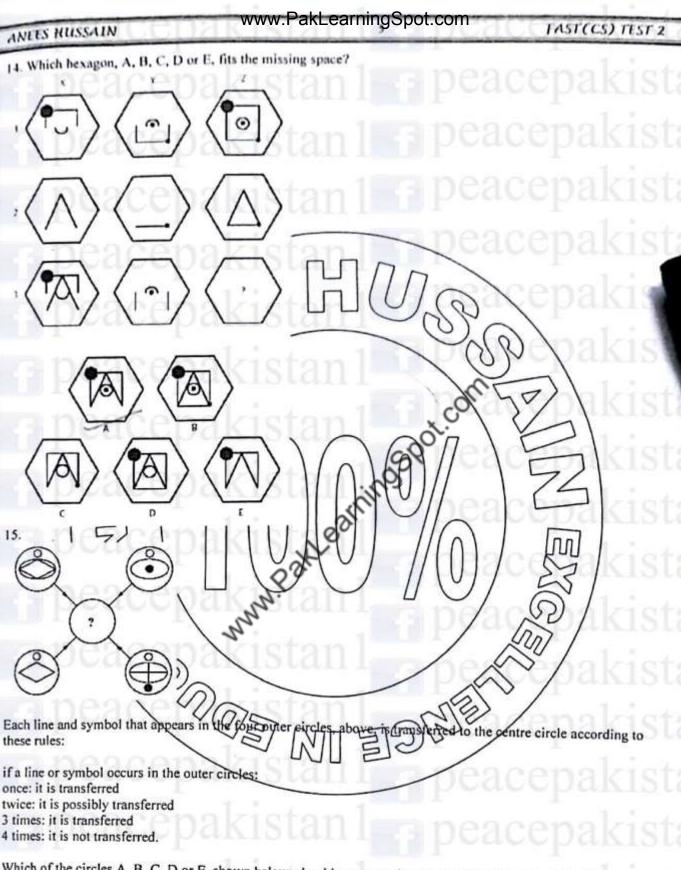
 $\left[\left(\sin x - \cos x \right)^2 dx \right]$

$$x + \frac{\cos 2x}{2} + \cos 2x$$

 $x + \sin 2x + c$

 $x - \frac{\sin 2x}{2} + c$

None of these



Which of the circles A, B, C, D or E, shown below, should appear at the centre of the diagram, above?

29. $\left[\left[f(x) \right]^n . f'(x) \right] dx = ?$

B.
$$2\left[f(x)\right]^{n+1} + c$$

C.
$$\frac{[f(x)]^n}{n} + c$$

D.
$$\frac{[f(x)]^{n+1}}{n+1} + c$$

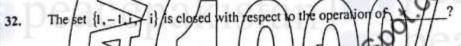
30. $\int \sin 5x \cdot \cos 2x \, dx = ?$

33.

A.
$$\frac{1}{2}\cos 7x - \frac{1}{3}\sin 3x + c$$

B. $\cos 7x - \frac{1}{3}\cos 3x + c$

C.
$$\frac{1}{4}\sin 7x + \frac{1}{3}\cos 3x + c$$
 D. $\frac{1}{14}$





34. The roots of equation $x^2 - 4x^3 = 0$ is?

35. If
$$\alpha, \beta$$
 are the roots of $x^2 - 4x + 3 = 0$, the hithe equation whose roots are α^2 and β^2 is?

A.
$$x^2 + 10x + 9 = 0$$
 B. $x^2 + 10x - 9 = 0$

C.
$$2x^2 + 4x - 5 = 0$$
 D. $x^2 - 10x + 9 = 0$

36. If
$$a + b = p$$
 and $a^2 + b^2 = q$ then $a - b = ?$

A.
$$\sqrt{p^2 - 2q}$$
 B. $\sqrt{2q - p^2}$

C.
$$\sqrt{p^2 + 2q}$$
 D. $\sqrt{2q - q}$

